


**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997007** Date Collected: 3/30/2016 11:02 Matrix: Ground Water  
 Sample ID: **058-0330-MW8S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:18	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 13:48	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 01:18	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:18	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:18	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 01:18	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 01:18	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:18	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 01:18	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:18	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:18	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	89.8		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 13:48	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62 - 133	SW846 8260B			4/8/16 01:18	SYB	A
4-Bromofluorobenzene (S)	112		%	79 - 114	SW846 8260B			4/8/16 01:18	SYB	A
Dibromofluoromethane (S)	98.3		%	78 - 116	SW846 8260B			4/8/16 01:18	SYB	A
Toluene-d8 (S)	105		%	76 - 127	SW846 8260B			4/8/16 01:18	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 12:30	MO	E1

  
 Ms. Debra J. Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997008** Date Collected: 3/30/2016 12:25 Matrix: Ground Water  
 Sample ID: **058-0330-MW9S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:44	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 14:31	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 02:44	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:44	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:44	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 02:44	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 02:44	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:44	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 02:44	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:44	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:44	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	102		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 14:31	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62 - 133	SW846 8260B			4/8/16 02:44	SYB	A
4-Bromofluorobenzene (S)	111		%	79 - 114	SW846 8260B			4/8/16 02:44	SYB	A
Dibromofluoromethane (S)	96.9		%	78 - 116	SW846 8260B			4/8/16 02:44	SYB	A
Toluene-d8 (S)	104		%	76 - 127	SW846 8260B			4/8/16 02:44	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 12:34	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997009** Date Collected: 3/30/2016 16:45 Matrix: Ground Water  
 Sample ID: **058-0330-MW10S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	170		ug/L	5.0	SW846 8260B			4/8/16 06:08	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 15:58	BS	C
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			4/8/16 06:08	SYB	A
Ethylbenzene	97.8		ug/L	5.0	SW846 8260B			4/8/16 06:08	SYB	A
Isopropylbenzene	8.1		ug/L	5.0	SW846 8260B			4/8/16 06:08	SYB	A
Methyl t-Butyl Ether	14.7		ug/L	5.0	SW846 8260B			4/8/16 06:08	SYB	A
Naphthalene	15.9		ug/L	10.0	SW846 8260B			4/8/16 06:08	SYB	A
Toluene	578		ug/L	5.0	SW846 8260B			4/8/16 06:08	SYB	A
Total Xylenes	448		ug/L	15.0	SW846 8260B			4/8/16 06:08	SYB	A
1,2,4-Trimethylbenzene	72.0		ug/L	5.0	SW846 8260B			4/8/16 06:08	SYB	A
1,3,5-Trimethylbenzene	11.7		ug/L	5.0	SW846 8260B			4/8/16 06:08	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	113		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 15:58	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	100		%	62 - 133	SW846 8260B			4/8/16 06:08	SYB	A
4-Bromofluorobenzene (S)	106		%	79 - 114	SW846 8260B			4/8/16 06:08	SYB	A
Dibromofluoromethane (S)	93.8		%	78 - 116	SW846 8260B			4/8/16 06:08	SYB	A
Toluene-d8 (S)	103		%	76 - 127	SW846 8260B			4/8/16 06:08	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 15:28	MO	E1

  
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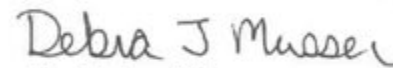
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997010** Date Collected: 4/1/2016 14:48 Matrix: Ground Water  
 Sample ID: **058-0330-MW11S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	181		ug/L	5.0	SW846 8260B			4/12/16 01:04	CJG	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/11/16 10:45	EGO	4/11/16 19:09	BS	C
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			4/12/16 01:04	CJG	A
Ethylbenzene	467		ug/L	5.0	SW846 8260B			4/12/16 01:04	CJG	A
Isopropylbenzene	46.9		ug/L	5.0	SW846 8260B			4/12/16 01:04	CJG	A
Methyl t-Butyl Ether	30.5		ug/L	5.0	SW846 8260B			4/12/16 01:04	CJG	A
Naphthalene	62.6		ug/L	10.0	SW846 8260B			4/12/16 01:04	CJG	A
Toluene	111		ug/L	5.0	SW846 8260B			4/12/16 01:04	CJG	A
Total Xylenes	1160		ug/L	15.0	SW846 8260B			4/12/16 01:04	CJG	A
1,2,4-Trimethylbenzene	519		ug/L	5.0	SW846 8260B			4/12/16 01:04	CJG	A
1,3,5-Trimethylbenzene	141		ug/L	5.0	SW846 8260B			4/12/16 01:04	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	123		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 19:09	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	99.1		%	62 - 133	SW846 8260B			4/12/16 01:04	CJG	A
4-Bromofluorobenzene (S)	103		%	79 - 114	SW846 8260B			4/12/16 01:04	CJG	A
Dibromofluoromethane (S)	92.1		%	78 - 116	SW846 8260B			4/12/16 01:04	CJG	A
Toluene-d8 (S)	103		%	76 - 127	SW846 8260B			4/12/16 01:04	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 12:41	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997011** Date Collected: 3/31/2016 17:05 Matrix: Ground Water  
 Sample ID: **058-0330-MW12S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	99.7		ug/L	1.0	SW846 8260B			4/8/16 05:17	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 19:33	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 05:17	SYB	A
Ethylbenzene	5.2		ug/L	1.0	SW846 8260B			4/8/16 05:17	SYB	A
Isopropylbenzene	4.6		ug/L	1.0	SW846 8260B			4/8/16 05:17	SYB	A
Methyl t-Butyl Ether	46.9		ug/L	1.0	SW846 8260B			4/8/16 05:17	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 05:17	SYB	A
Toluene	4.1		ug/L	1.0	SW846 8260B			4/8/16 05:17	SYB	A
Total Xylenes	8.6		ug/L	3.0	SW846 8260B			4/8/16 05:17	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:17	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:17	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	110		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 19:33	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62 - 133	SW846 8260B			4/8/16 05:17	SYB	A
4-Bromofluorobenzene (S)	109		%	79 - 114	SW846 8260B			4/8/16 05:17	SYB	A
Dibromofluoromethane (S)	92.2		%	78 - 116	SW846 8260B			4/8/16 05:17	SYB	A
Toluene-d8 (S)	104		%	76 - 127	SW846 8260B			4/8/16 05:17	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 12:45	MO	E1

  
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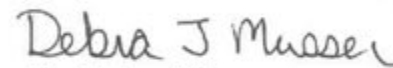
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997012** Date Collected: 3/31/2016 16:40 Matrix: Ground Water  
 Sample ID: **058-0330-MW13S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:34	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 19:11	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 05:34	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:34	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:34	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 05:34	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 05:34	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:34	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 05:34	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:34	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:34	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	101		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 19:11	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62 - 133	SW846 8260B			4/8/16 05:34	SYB	A
4-Bromofluorobenzene (S)	109		%	79 - 114	SW846 8260B			4/8/16 05:34	SYB	A
Dibromofluoromethane (S)	98.2		%	78 - 116	SW846 8260B			4/8/16 05:34	SYB	A
Toluene-d8 (S)	103		%	76 - 127	SW846 8260B			4/8/16 05:34	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 12:56	MO	E1

  
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 Project Coordinator

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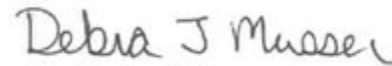
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997013** Date Collected: 3/30/2016 15:08 Matrix: Ground Water  
 Sample ID: **058-0330-MW14S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 04:43	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 15:37	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 04:43	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 04:43	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 04:43	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 04:43	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 04:43	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 04:43	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 04:43	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 04:43	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 04:43	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	99.2		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 15:37	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			4/8/16 04:43	SYB	A
4-Bromofluorobenzene (S)	108		%	79 - 114	SW846 8260B			4/8/16 04:43	SYB	A
Dibromofluoromethane (S)	97.6		%	78 - 116	SW846 8260B			4/8/16 04:43	SYB	A
Toluene-d8 (S)	104		%	76 - 127	SW846 8260B			4/8/16 04:43	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 13:15	MO	E1

  
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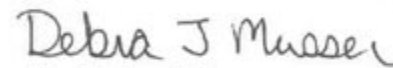
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997014** Date Collected: 3/31/2016 15:55 Matrix: Ground Water  
 Sample ID: **058-0330-MW15S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:51	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 18:50	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 05:51	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:51	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:51	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 05:51	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 05:51	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:51	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 05:51	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:51	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:51	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	94.4		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 18:50	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62 - 133	SW846 8260B			4/8/16 05:51	SYB	A
4-Bromofluorobenzene (S)	111		%	79 - 114	SW846 8260B			4/8/16 05:51	SYB	A
Dibromofluoromethane (S)	97.5		%	78 - 116	SW846 8260B			4/8/16 05:51	SYB	A
Toluene-d8 (S)	105		%	76 - 127	SW846 8260B			4/8/16 05:51	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 13:19	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997015** Date Collected: 3/31/2016 15:35 Matrix: Ground Water  
 Sample ID: **058-0330-MW16S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 03:01	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 18:28	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 03:01	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 03:01	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 03:01	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 03:01	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 03:01	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 03:01	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 03:01	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 03:01	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 03:01	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	120		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 18:28	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	99.2		%	62 - 133	SW846 8260B			4/8/16 03:01	SYB	A
4-Bromofluorobenzene (S)	105		%	79 - 114	SW846 8260B			4/8/16 03:01	SYB	A
Dibromofluoromethane (S)	93.9		%	78 - 116	SW846 8260B			4/8/16 03:01	SYB	A
Toluene-d8 (S)	101		%	76 - 127	SW846 8260B			4/8/16 03:01	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 13:23	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997016** Date Collected: 3/31/2016 15:10 Matrix: Ground Water  
 Sample ID: **058-0330-MW17S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:00	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 18:06	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 05:00	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:00	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:00	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 05:00	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 05:00	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:00	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 05:00	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:00	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 05:00	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	99.7		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 18:06	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62 - 133	SW846 8260B			4/8/16 05:00	SYB	A
4-Bromofluorobenzene (S)	107		%	79 - 114	SW846 8260B			4/8/16 05:00	SYB	A
Dibromofluoromethane (S)	95.9		%	78 - 116	SW846 8260B			4/8/16 05:00	SYB	A
Toluene-d8 (S)	105		%	76 - 127	SW846 8260B			4/8/16 05:00	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 13:26	MO	E1

  
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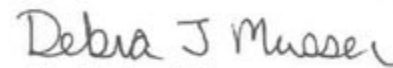
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997017** Date Collected: 4/1/2016 11:00 Matrix: Ground Water  
 Sample ID: **058-0330-OW4** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:05	CJG	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	4/11/16 10:45	EGO	4/11/16 15:55	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 21:05	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:05	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:05	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/11/16 21:05	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 21:05	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:05	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 21:05	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:05	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:05	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	94.8		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 15:55	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			4/11/16 21:05	CJG	A
4-Bromofluorobenzene (S)	109		%	79 - 114	SW846 8260B			4/11/16 21:05	CJG	A
Dibromofluoromethane (S)	96.8		%	78 - 116	SW846 8260B			4/11/16 21:05	CJG	A
Toluene-d8 (S)	102		%	76 - 127	SW846 8260B			4/11/16 21:05	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 13:30	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997018** Date Collected: 4/1/2016 14:00 Matrix: Ground Water  
 Sample ID: **058-0330-MW-1d** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:22	CJG	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	4/11/16 10:45	EGO	4/11/16 18:04	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 21:22	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:22	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:22	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/11/16 21:22	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 21:22	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:22	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 21:22	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:22	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:22	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	101		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 18:04	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			4/11/16 21:22	CJG	A
4-Bromofluorobenzene (S)	109		%	79 - 114	SW846 8260B			4/11/16 21:22	CJG	A
Dibromofluoromethane (S)	96.6		%	78 - 116	SW846 8260B			4/11/16 21:22	CJG	A
Toluene-d8 (S)	103		%	76 - 127	SW846 8260B			4/11/16 21:22	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 13:34	MO	E1

  
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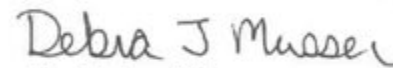
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997019** Date Collected: 4/1/2016 16:20 Matrix: Ground Water  
 Sample ID: **058-0330-MW-2d** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	3.3		ug/L	1.0	SW846 8260B			4/11/16 21:39	CJG	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	4/11/16 10:45	EGO	4/11/16 20:35	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 21:39	CJG	A
Ethylbenzene	10.7		ug/L	1.0	SW846 8260B			4/11/16 21:39	CJG	A
Isopropylbenzene	5.1		ug/L	1.0	SW846 8260B			4/11/16 21:39	CJG	A
Methyl t-Butyl Ether	5.7		ug/L	1.0	SW846 8260B			4/11/16 21:39	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 21:39	CJG	A
Toluene	2.9		ug/L	1.0	SW846 8260B			4/11/16 21:39	CJG	A
Total Xylenes	9.1		ug/L	3.0	SW846 8260B			4/11/16 21:39	CJG	A
1,2,4-Trimethylbenzene	1.2		ug/L	1.0	SW846 8260B			4/11/16 21:39	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:39	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	91.7		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 20:35	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62 - 133	SW846 8260B			4/11/16 21:39	CJG	A
4-Bromofluorobenzene (S)	110		%	79 - 114	SW846 8260B			4/11/16 21:39	CJG	A
Dibromofluoromethane (S)	97		%	78 - 116	SW846 8260B			4/11/16 21:39	CJG	A
Toluene-d8 (S)	107		%	76 - 127	SW846 8260B			4/11/16 21:39	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 13:38	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: 2133997020 Date Collected: 4/1/2016 14:10 Matrix: Ground Water  
 Sample ID: 058-0330-MW-6d Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:56	CJG	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	4/11/16 10:45	EGO	4/11/16 18:25	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 21:56	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:56	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:56	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/11/16 21:56	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 21:56	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:56	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 21:56	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:56	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 21:56	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	101		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 18:25	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62 - 133	SW846 8260B			4/11/16 21:56	CJG	A
4-Bromofluorobenzene (S)	104		%	79 - 114	SW846 8260B			4/11/16 21:56	CJG	A
Dibromofluoromethane (S)	95.6		%	78 - 116	SW846 8260B			4/11/16 21:56	CJG	A
Toluene-d8 (S)	104		%	76 - 127	SW846 8260B			4/11/16 21:56	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:53	MO	4/6/16 13:42	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997021** Date Collected: 3/31/2016 17:40 Matrix: Ground Water  
 Sample ID: **058-0330-MW-7d** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	3.1		ug/L	1.0	SW846 8260B			4/11/16 22:13	CJG	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 20:15	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 22:13	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:13	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:13	CJG	A
Methyl t-Butyl Ether	5.3		ug/L	1.0	SW846 8260B			4/11/16 22:13	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 22:13	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:13	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 22:13	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:13	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:13	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	111		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 20:15	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62 - 133	SW846 8260B			4/11/16 22:13	CJG	A
4-Bromofluorobenzene (S)	110		%	79 - 114	SW846 8260B			4/11/16 22:13	CJG	A
Dibromofluoromethane (S)	97.1		%	78 - 116	SW846 8260B			4/11/16 22:13	CJG	A
Toluene-d8 (S)	105		%	76 - 127	SW846 8260B			4/11/16 22:13	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 13:45	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: 2133997022 Date Collected: 3/31/2016 14:50 Matrix: Ground Water  
 Sample ID: 058-0330-MW-7d Dup Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	1.4		ug/L	1.0	SW846 8260B			4/8/16 01:35	SYB	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	4/11/16 10:45	EGO	4/11/16 15:12	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 01:35	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:35	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:35	SYB	A
Methyl t-Butyl Ether	5.1		ug/L	1.0	SW846 8260B			4/8/16 01:35	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 01:35	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:35	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 01:35	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:35	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:35	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	89.3		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 15:12	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62 - 133	SW846 8260B			4/8/16 01:35	SYB	A
4-Bromofluorobenzene (S)	109		%	79 - 114	SW846 8260B			4/8/16 01:35	SYB	A
Dibromofluoromethane (S)	96.6		%	78 - 116	SW846 8260B			4/8/16 01:35	SYB	A
Toluene-d8 (S)	104		%	76 - 127	SW846 8260B			4/8/16 01:35	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:08	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997023** Date Collected: 3/31/2016 08:20 Matrix: Ground Water  
 Sample ID: **058-0330-MW-8d** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:52	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 16:41	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 01:52	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:52	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:52	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 01:52	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 01:52	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:52	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 01:52	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:52	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 01:52	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	114		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 16:41	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62 - 133	SW846 8260B			4/8/16 01:52	SYB	A
4-Bromofluorobenzene (S)	108		%	79 - 114	SW846 8260B			4/8/16 01:52	SYB	A
Dibromofluoromethane (S)	97.4		%	78 - 116	SW846 8260B			4/8/16 01:52	SYB	A
Toluene-d8 (S)	105		%	76 - 127	SW846 8260B			4/8/16 01:52	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:12	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997024** Date Collected: 3/31/2016 09:15 Matrix: Ground Water  
 Sample ID: **058-0330-MW-9d** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:09	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 17:02	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 02:09	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:09	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:09	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 02:09	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 02:09	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:09	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 02:09	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:09	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:09	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	108		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 17:02	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			4/8/16 02:09	SYB	A
4-Bromofluorobenzene (S)	110		%	79 - 114	SW846 8260B			4/8/16 02:09	SYB	A
Dibromofluoromethane (S)	96.4		%	78 - 116	SW846 8260B			4/8/16 02:09	SYB	A
Toluene-d8 (S)	105		%	76 - 127	SW846 8260B			4/8/16 02:09	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:16	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: 2133997025 Date Collected: 3/31/2016 09:18 Matrix: Ground Water  
 Sample ID: 058-0330-MW-9d DUP Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:27	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 17:23	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 02:27	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:27	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:27	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 02:27	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 02:27	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:27	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 02:27	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:27	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 02:27	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	106		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 17:23	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			4/8/16 02:27	SYB	A
4-Bromofluorobenzene (S)	110		%	79 - 114	SW846 8260B			4/8/16 02:27	SYB	A
Dibromofluoromethane (S)	95.8		%	78 - 116	SW846 8260B			4/8/16 02:27	SYB	A
Toluene-d8 (S)	105		%	76 - 127	SW846 8260B			4/8/16 02:27	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:19	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997026** Date Collected: 4/1/2016 16:09 Matrix: Ground Water  
 Sample ID: **058-0330-MW-10d** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:21	CJG	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	4/11/16 10:45	EGO	4/11/16 20:13	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 23:21	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:21	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:21	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/11/16 23:21	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 23:21	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:21	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 23:21	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:21	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:21	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	106		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 20:13	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			4/11/16 23:21	CJG	A
4-Bromofluorobenzene (S)	108		%	79 - 114	SW846 8260B			4/11/16 23:21	CJG	A
Dibromofluoromethane (S)	96.8		%	78 - 116	SW846 8260B			4/11/16 23:21	CJG	A
Toluene-d8 (S)	105		%	76 - 127	SW846 8260B			4/11/16 23:21	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:23	MO	E1

  
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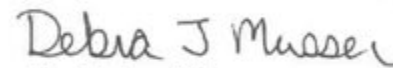
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: 2133997027 Date Collected: 4/1/2016 14:08 Matrix: Ground Water  
 Sample ID: 058-0330-MW-11d Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:38	CJG	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 17:44	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 23:38	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:38	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:38	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/11/16 23:38	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 23:38	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:38	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 23:38	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:38	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:38	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	107		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 17:44	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62 - 133	SW846 8260B			4/11/16 23:38	CJG	A
4-Bromofluorobenzene (S)	111		%	79 - 114	SW846 8260B			4/11/16 23:38	CJG	A
Dibromofluoromethane (S)	97.6		%	78 - 116	SW846 8260B			4/11/16 23:38	CJG	A
Toluene-d8 (S)	106		%	76 - 127	SW846 8260B			4/11/16 23:38	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:27	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: 2133997028 Date Collected: 4/1/2016 14:19 Matrix: Ground Water  
 Sample ID: 058-0330-MW-12d Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:55	CJG	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/11/16 10:45	EGO	4/11/16 18:47	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 23:55	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:55	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:55	CJG	A
Methyl t-Butyl Ether	2.0		ug/L	1.0	SW846 8260B			4/11/16 23:55	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 23:55	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:55	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 23:55	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:55	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 23:55	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	110		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 18:47	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62 - 133	SW846 8260B			4/11/16 23:55	CJG	A
4-Bromofluorobenzene (S)	108		%	79 - 114	SW846 8260B			4/11/16 23:55	CJG	A
Dibromofluoromethane (S)	97.3		%	78 - 116	SW846 8260B			4/11/16 23:55	CJG	A
Toluene-d8 (S)	104		%	76 - 127	SW846 8260B			4/11/16 23:55	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:31	MO	E1

  
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**ALS Environmental Laboratory Locations Across North America**

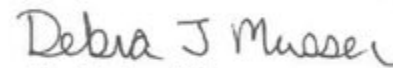
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: 2133997029 Date Collected: 4/1/2016 13:17 Matrix: Ground Water  
 Sample ID: 058-0330-MW-13d Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:00	CJG	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/11/16 10:45	EGO	4/11/16 17:21	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 22:00	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:00	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:00	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/11/16 22:00	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 22:00	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:00	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 22:00	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:00	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:00	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	102		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 17:21	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62 - 133	SW846 8260B			4/11/16 22:00	CJG	A
4-Bromofluorobenzene (S)	106		%	79 - 114	SW846 8260B			4/11/16 22:00	CJG	A
Dibromofluoromethane (S)	94.1		%	78 - 116	SW846 8260B			4/11/16 22:00	CJG	A
Toluene-d8 (S)	91.9		%	76 - 127	SW846 8260B			4/11/16 22:00	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:35	MO	E1

  
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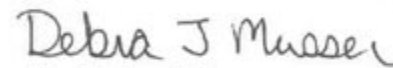
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: 2133997030 Date Collected: 3/30/2016 16:50 Matrix: Ground Water  
 Sample ID: 058-0330-FB1 Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:27	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 16:20	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 00:27	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:27	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:27	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 00:27	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 00:27	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:27	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 00:27	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:27	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:27	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	100		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 16:20	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62 - 133	SW846 8260B			4/8/16 00:27	SYB	A
4-Bromofluorobenzene (S)	107		%	79 - 114	SW846 8260B			4/8/16 00:27	SYB	A
Dibromofluoromethane (S)	98.5		%	78 - 116	SW846 8260B			4/8/16 00:27	SYB	A
Toluene-d8 (S)	104		%	76 - 127	SW846 8260B			4/8/16 00:27	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:39	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997031** Date Collected: 3/31/2016 17:15 Matrix: Ground Water  
 Sample ID: **058-0330-FB2** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:44	SYB	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/8/16 09:40	BS	4/8/16 19:54	BS	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/8/16 00:44	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:44	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:44	SYB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/8/16 00:44	SYB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/8/16 00:44	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:44	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/8/16 00:44	SYB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:44	SYB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/8/16 00:44	SYB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	104		%	70 - 130	EPA 504.1	4/8/16 09:40	BS	4/8/16 19:54	BS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62 - 133	SW846 8260B			4/8/16 00:44	SYB	A
4-Bromofluorobenzene (S)	111		%	79 - 114	SW846 8260B			4/8/16 00:44	SYB	A
Dibromofluoromethane (S)	97.8		%	78 - 116	SW846 8260B			4/8/16 00:44	SYB	A
Toluene-d8 (S)	102		%	76 - 127	SW846 8260B			4/8/16 00:44	SYB	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:54	MO	C1

  
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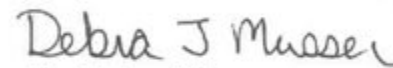
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: 2133997032 Date Collected: 4/1/2016 15:55 Matrix: Ground Water  
 Sample ID: 058-0330-FB3 Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/11/16 20:32	CJG	B
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	4/11/16 10:45	EGO	4/11/16 19:52	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 20:32	CJG	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 20:32	CJG	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 20:32	CJG	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/11/16 20:32	CJG	B
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 20:32	CJG	B
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 20:32	CJG	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 20:32	CJG	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 20:32	CJG	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 20:32	CJG	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	109		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 19:52	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62 - 133	SW846 8260B			4/11/16 20:32	CJG	B
4-Bromofluorobenzene (S)	108		%	79 - 114	SW846 8260B			4/11/16 20:32	CJG	B
Dibromofluoromethane (S)	94.3		%	78 - 116	SW846 8260B			4/11/16 20:32	CJG	B
Toluene-d8 (S)	93.1		%	76 - 127	SW846 8260B			4/11/16 20:32	CJG	B
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 14:58	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2133997 27058 Lewis Brothers Garage

 Lab ID: **2133997033** Date Collected: 4/1/2016 12:12 Matrix: Ground Water  
 Sample ID: **058-8330-MW6S** Date Received: 4/5/2016 09:49

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:22	CJG	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	4/11/16 10:45	EGO	4/11/16 17:00	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			4/11/16 22:22	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:22	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:22	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/11/16 22:22	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/11/16 22:22	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:22	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/11/16 22:22	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:22	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/11/16 22:22	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	90.1		%	70 - 130	EPA 504.1	4/11/16 10:45	EGO	4/11/16 17:00	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	106		%	62 - 133	SW846 8260B			4/11/16 22:22	CJG	A
4-Bromofluorobenzene (S)	107		%	79 - 114	SW846 8260B			4/11/16 22:22	CJG	A
Dibromofluoromethane (S)	93.8		%	78 - 116	SW846 8260B			4/11/16 22:22	CJG	A
Toluene-d8 (S)	92.3		%	76 - 127	SW846 8260B			4/11/16 22:22	CJG	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	4/6/16 10:54	MO	4/6/16 15:01	MO	E1

  
 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

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 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey



34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.

Co. Name: PENNSYLVANIA TECTONICS INC  
Contact (Report to): MARTIN GILGALLON  
Address: 723 MAIN STREET  
ARCHBALD PA 18403

Phone:  
570-487-1959

Bill to (if different than Report to):

PO#:

Project Name#: 27058/LENIS'S BROS GARAGE ALS Quote #:

TAT:  Normal-Standard TAT is 19-12 business days.  
 Rush-Subject to ALS approval and surcharges.

Date Required:  
Approved By:

Email?  Y  N  
Fax?  Y  N

Y No.:  
G-Grab; C-Composite

Sample Description/Location  
(For it will appear on the lab report)

COC Comments

Sample Date

Military Time

1	058-0330-MW2S		4.01.16	1020
2	058-0330-MW3S		4.01.16	1035
3	058-0330-MW4S		4.01.16	1530
4	058-0330-MW5S		4.01.16	1150
5	058-0330-MW5S Dup		4.01.16	1200
6	058-0330-MW7S		3.30.16	1325
7	058-0330-MW8S		3.30.16	1102
8	058-0330-MW9S		3.30.16	1225

SAMPLED BY (Please Print): Jared McAffee

Project Comments:  
\* = NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Relinquished By / Company Name

Date

Time

Received By / Company Name

Date

Time

1	Jared McAffee	4.01.16	1730	2	Feb 28, 2016	1345
2	Paul Martin			4	4.01.16	1345
5				6		
7				8		
9				10		

Container Type	CG	CG	PL
Container Size	40ml	40ml	40ml
Preservative	HCl	*	HNO <sub>3</sub>

ANALYSIS/METHOD REQUESTED

LEADED/UNLEADED GASOLINE  
NEW LIST - EPA 8240 B  
LEADED/UNLEADED GASOLINE  
NEW LIST - EPA 8240 B  
LEADED/UNLEADED GASOLINE  
NEW LIST - EDR 504  
LEADED/UNLEADED GASOLINE  
NEW LIST  
DISSOLVED LEAD - FIELD FILTERED

Enter Number of Containers Per Analysis

Correct container	Y	N
(If present) Seals intact	Y	N
Custody seals Present	Y	N
Received on ice	Y	N
CO Labels complete/correct	Y	N
Container in good condition	Y	N

Standard	<input checked="" type="checkbox"/>	CLP-like	<input type="checkbox"/>	NJ-Reduced	<input type="checkbox"/>	NJ-Full	<input type="checkbox"/>
SDWA Form #	yes	yes	yes	yes	yes	yes	yes
Size Sample Collected	NO	MU	NY	PA			
ALS FIELD SERVICES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

000 Criteria Required?

DDO Criteria Required?

DOO Criteria Required?

\* G-Grab; C-Composite \*\*Matrix: A=Air; D=Drinking Water; GW=Groundwater; O=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater  
\*\*\*Container Type: AG=Amber Glass; CG=Clear Glass; PL=Plastic. Container Size: 250ml, 500ml, 1L, 5L, etc. Preservative: HCl, HNO<sub>3</sub>, NaOH, etc.



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**CHAIN OF CUSTODY/  
 REQUEST FOR ANALYSIS**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
 SAMPLER. INSTRUCTIONS ON THE BACK.

Page of 5  
 Counter: *AL*  
 Tracking #: *2133997*

Co. Name: **PENNSYLVANIA TECTONICS INC.**  
 Contact (Report to): **MARTIN GILGALLON** Phone: **570-487-1459.**  
 Address: **723 MAIN STREET  
 ARCHBALD PA 18403.**

Bill to (if different than Report to):  
 PO#:  
 Project Name/ID: **27058/LEWIS BROS GARAGE ALS QUOTE #:**  
 TAT:  Normal-Standard TAT is 10-12 business days. Date Required:  
 Rush-Subject to ALS approval and surcharges. Approved By:

Email?  Y  N  
 Fax?  Y  N  
 Email: **mgilgallon@patectonics.com**

Sample Description/Location <small>(see 1, will appear on the lab report)</small>	COC Comments	Sample Date	Military Time
1 058-0330-MW105		3/30/16	1645
2 058-0330-MW115		4/11/16	1448
3 058-0330-MW125		3/31/16	1705
4 058-0330-MW135		3/31/16	1640
5 058-0330-MW145		3/30/16	1508
6 058-0330-MW155		3/31/16	1555
7 058-0330-MW165		3/31/16	1535
8 058-0330-MW175		3/31/16	1510

SAMPLED BY (Please Print): **Jared M. Tappan**  
 Project Comments:  
 \* = NA 5 a 03

Shipped by / Company Name	Date	Time	Received By / Company Name	Date	Time
<i>Jared M. Tappan</i>	4/11/16	1730	<i>[Signature]</i>	4/08/16	1345

Container Type	Container Size	Preservative	Matrix	Enter Number of Containers Per Analysis
CG	CG	CG	DL	
40mL	40mL	B&W	LEAD/UNLEADED GASOLINE	
HC1	HC1	HNO3	NEW LIST-EPA 8210B	
			LEAD/UNLEADED GASOLINE	
			NEW LIST-EPA 8210B	
			LEAD/UNLEADED GASOLINE	
			NEW LIST-EPA 8210B	
			LEAD/UNLEADED GASOLINE	
			NEW LIST-EPA 8210B	
			LEAD/UNLEADED GASOLINE	
			NEW LIST-EPA 8210B	
			LEAD/UNLEADED GASOLINE	
			NEW LIST-EPA 8210B	
			LEAD/UNLEADED GASOLINE	
			NEW LIST-EPA 8210B	
			LEAD/UNLEADED GASOLINE	
			NEW LIST-EPA 8210B	
			LEAD/UNLEADED GASOLINE	

Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatilized?	Container in good condition?
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> Y

Receipt Information (Completed by Sample Station)		No. of Coolers:	Notes:
Received In	Cooler Temp.		
<input checked="" type="checkbox"/> Y	<i>[Signature]</i>		
<input checked="" type="checkbox"/> Y	<i>[Signature]</i>		
<input checked="" type="checkbox"/> Y	<i>[Signature]</i>		

ALS FIELD SERVICES

Pickup  
 Labor  
 Composite Sampling  
 Rental Equipment  
 Other:



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**CHAIN OF CUSTODY/  
 REQUEST FOR ANALYSIS**  
 ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
 SAMPLER. INSTRUCTIONS ON THE BACK.

Page 3 of 4  
 Courier:  
 Tracking #:

5  
 2133997  
 4m 4.016

Co. Name: PENNSYLVANIA TECTONICS INC  
 Contact (Report to): MARTIN GILGALLON Phone: 570-487-1959  
 Address: 723 MAIN STREET  
 ARCHBALD, PA 18403

Project Name/ID: 27058/LENI'S BROS GARAGE ALS Quote #:  
 TAT:  Normal-Standard TAT is 10-12 business days. Date Required:  
 Rush-Subject to ALS approval and surcharges. Approved By:

Email?  Y  N  
 Fax?  Y  N  
 Project Comments: mailto:m.gilgallon@patectonics.com

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	Received By / Company Name	Date	Time
1 058-0330 - OW4		4/01/16	1600		4/01/16	1730
2 058-0330 - MW1D		4/01/16	1400	Jared Maffey	4/01/16	1730
3 058-0330 - MW2D		4/01/16	1620		4/01/16	1730
4 058-0330 - MW6d		4/01/16	1410		4/01/16	1730
5 058-0330 - MW7A		3/31/16	1740		4/01/16	1730
6 058-0330 - MW7D Dup		3/31/16	1450		4/01/16	1730
7 058-0330 - MW8D		3/31/16	0620		4/01/16	1730
8 058-0330 - MW9D		3/31/16	0915		4/01/16	1730

Container Type: CG CB PE  
 Container Size: 40mL 40mL 250mL  
 Preservative: HCL \* HNO3

ANALYSES/METHOD REQUESTED  
 LEADED/UNLEADED GASOLINE  
 LEADED/UNLEADED GASOLINE  
 LEADED/UNLEADED GASOLINE  
 NEW LIST - EPA 8090B  
 LEADED/UNLEADED GASOLINE  
 NEW LIST - EDG 504  
 LEADED/UNLEADED GASOLINE  
 NEW LIST  
 LEADED/UNLEADED GASOLINE  
 DISSOLVED LEAD - FIELD FILTER

Enter Number of Containers Per Analysis

Receipt Information  
 (Controlled by State, if Applicable)  
 Permitted by: AG  
 Cooler Temp: 3  
 Therm. ID: 4358  
 No. of Coolers:  
 Notes:

Correct containers? Y N  
 Correct sample volume? Y N  
 Correct preservation? Y N  
 Headspace/Volatiles? Y N  
 COC Labels complete/accurate? Y N  
 Received on ice? Y N  
 (If present) Seals intact? Y N  
 Custody seals Present? Y N  
 Container in good condition? Y N

ALS FIELD SERVICES  
 Pickup  
 Label  
 Composite Sampling  
 Rental Equipment  
 Other

SOHA Areas? YES NO  
 Standard  CLP-06  
 NJ-Reduced  
 NJ-Full  
 State Samples Collected in? MD NJ NY PA X

DOB Criteria Required?  Enter PMS ID: 6

Matrix: A=Air; GW=Drinking Water; GW=Groundwater; O=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater  
 Container Type: AD-Jarber Glass; CG-Clear Glass; PL-Plastic; Container Size: 250ml, 500ml, 1L, 6oz., etc. Preservative: HCL, HNO3, NaOH, etc.  
 Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY



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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

Page 4 of 4  
Courier: **5 pm 4/13/16**  
Tracking #: **21309#997**

Co. Name: **PENNSYLVANIA TECTONICS INC**  
Contact (Report to): **MARTIN GILGALLON**  
Address: **723 MAIN STREET  
ARCHBALD PA 18403**  
Phone: **570-487-1959**

Bill to (if different than Report to):  
PO#: \_\_\_\_\_  
Project Name/ID: **27058/LENIS BROS GARAGE** ALS Quote #: \_\_\_\_\_  
TAT:  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
Date Required: \_\_\_\_\_  
Approved By: \_\_\_\_\_

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time
1 058-0330-MW19d Dup		3/21/16	0918
2 058-0330-MW10d		4/01/16	1609
3 058-0330-MW11d		4/01/16	1408
4 058-0330-MW12d		3/21/16	1419
5 058-0330-MW13d		3/21/16	1317
6 058-0330-FB1		3/21/16	1650
7 058-0330-FB2		3/21/16	1715
8 058-0330-FB3		4/01/16	1555

Project Comments: \_\_\_\_\_

SAMPLED BY (Please Print): **Jared Maffucci**

Requested By / Company Name	Date	Time	Received By / Company Name	Date	Time
<b>Paul Martin Gilgallon PA-Tectonics</b>	<b>4/1/16</b>	<b>1730</b>	<b>2 FOLEX # 809479972807</b>	<b>4/01/16</b>	<b>1345</b>
			<b>4 Gilgallon</b>	<b>4/1/16</b>	<b>1500</b>

Container Type	Container Size	Preservative
C6	C6	PLI
40ml	40ml	250ml
HCl	*	HClO4

ANALYSES/METHOD REQUESTED

AG  
C15/16

Matrix	Enter Number of Containers Per Analysis
LEADED/UNLEADED GASOLINE	2
NEW LIST - EPA 8200B	2
LEADED/UNLEADED GASOLINE	2
NEW LIST - EPA 8200A	2
LEADED/UNLEADED GASOLINE	2
NEW LIST - EDB 504	2
LEADED/UNLEADED GASOLINE	2
NEW LIST	2
DISSOLVED LEAD-FIELD FILTERED	2

Receipt Information (Indicate by Sample Retention)		Correct containers?		Correct sample volume?		Received on leaf?		CO Labels complete/accurate?		Container in good condition?	
Performed In	By	Y	N	Y	N	Y	N	Y	N	Y	N
Cooler Temp:	Therm. ID:	Y	N	Y	N	Y	N	Y	N	Y	N
		Y	N	Y	N	Y	N	Y	N	Y	N
Notes:											

Data Deliverables		SDWA Form 1631		SDWA Sample Collected In	
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> CLP-like	yes	no	MD	
<input type="checkbox"/> NJ-Reduced	<input type="checkbox"/> NJ-Full	yes	no	NJ	
<input type="checkbox"/> if yes, to what type:		yes	no	NY	
		yes	no	PA	
Other: _____					

ALS FIELD SERVICES:  Pickup  Labor  Composite Sampling  Rental Equipment  Other: \_\_\_\_\_

DOO Criteria Required?  YES  NO

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Revised: 01-2013





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**Environmental**

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

Page 5 of 5

Counter:

Tracking #:

2133997

Co. Name: Pennsylvania Testers Inc  
Contact (Report to): Martin Bilgallon  
Address: 123 Main street  
Archbald, PA 18403  
Phone: 570-487-1989  
PO#:

Project Name#: 27058/Lewis Bros Environmental Quote #:  
TAT:  Normal-Standard TAT is 10-12 business days. Date Required:  
 Rush-Subject to ALS approval and surcharges. Approved By:  
Email?  mg.bilgallon@patesters.com  
Fax?

Containers Type CG CG PL  
Container Size 4oz 4oz 50oz  
Preservative HCl MS103 MS103

**ANALYSIS METHOD REQUESTED**

Enter Number of Containers Per Analysis

Lead/unleaded gasoline	2
Lead/unleaded gasoline	2
Mr List EDB Sol	1
Lead/unleaded gasoline	1
Mr List EDB Sol	1
Lead/unleaded gasoline	1
Mr List EDB Sol	1

Receipt Information  
Standard by State/Agency: PA  
Performed by: ALS  
Cooler Temp: 3  
Therm. ID: 1733  
No. of Coolers:  
Notes:

Correct containers?	Y	N
Correct sample volume?	Y	N
Received on ice?	Y	N
COC/Labels complete/accurate?	Y	N
Headspace/Volutes?	Y	N
Container in good condition?	Y	N

**ALS FIELD SERVICES**

Pickup  Labor  Composite Sampling  Rental Equipment  Other:

Standard  CLP-like  NJ-Reduced  NJ-Full  if yes, to what type: other

Size Sample Collected in? MD  NJ  NY  PA

STWA (Area)  yes  no

Data Deliverables Requested?  EDS  DOD Criteria Required?

Sample	Date	Time	Received By / Company Name	Date	Time
1	4/16/16	12:12	56W	2	1
2					
3					
4					
5					
6					
7					
8					

SAMPLED BY (Please Print): Jared Maffucci

Performed By / Company Name: Paul Matka Patesters

Sample	Date	Time	Received By / Company Name	Date	Time
1	4/16/16	17:30	2807	4/16/16	13:45
2					
3					
4					
5					
6					
7					
8					
9					
10					

Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY  
 \* G-Grab; C-Composites  
 \*\*Matrix: AL-Air; DW-Drinking Water; GW-Groundwater; OtrOI: OL-Other Liquid; SL-Sludge; SO=Soil; WP=Wipe; WW-Wastewater  
 \*\*\*Container Type: AG-Amber Glass; CG-Clear Glass; PL-Plastic. Container Size: 250ml, 500ml, 1L, 5oz., etc. Preservative: HCl, HNO3, NaOH, etc.





Groundwater Analytical Data Sheets

June 22, 2016

July 12, 2016

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name:	<b>27058 Lewis Brothers Garage</b>	Workorder:	<b>2154740</b>
Purchase Order:		Workorder ID:	<b>27058 Lewis Brothers Garage</b>

Dear Mr. Gilgallon:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, June 28, 2016.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

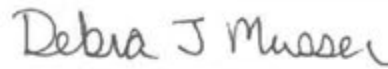
If you have any questions regarding this certificate of analysis, please contact Ms. Debra J. Musser (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Ms. Debra J. Musser  
Project Coordinator

### ALS Environmental Laboratory Locations Across North America

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Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

### SAMPLE SUMMARY

Workorder: 2154740 27058 Lewis Brothers Garage

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2154740001	058-0622-MW1S	Ground Water	6/24/2016 12:00	6/28/2016 07:55	Collected by Client
2154740002	058-0622-MW2S	Ground Water	6/24/2016 13:45	6/28/2016 07:55	Collected by Client
2154740003	058-0622-MW3S	Ground Water	6/24/2016 13:57	6/28/2016 07:55	Collected by Client
2154740004	058-0622-MW4S	Ground Water	6/24/2016 13:02	6/28/2016 07:55	Collected by Client
2154740005	058-0622-MW5S	Ground Water	6/24/2016 11:48	6/28/2016 07:55	Collected by Client
2154740006	058-0622-MW5S DUP	Ground Water	6/24/2016 11:48	6/28/2016 07:55	Collected by Client
2154740007	058-0622-MW6S	Ground Water	6/24/2016 12:20	6/28/2016 07:55	Collected by Client
2154740008	058-0622-MW7S	Ground Water	6/22/2016 11:03	6/28/2016 07:55	Collected by Client
2154740009	058-0622-MW8S	Ground Water	6/22/2016 09:32	6/28/2016 07:55	Collected by Client
2154740010	058-0622-MW9S	Ground Water	6/22/2016 10:24	6/28/2016 07:55	Collected by Client
2154740011	058-0622-MW10S	Ground Water	6/23/2016 14:32	6/28/2016 07:55	Collected by Client
2154740012	058-0622-MW11S	Ground Water	6/23/2016 15:53	6/28/2016 07:55	Collected by Client
2154740013	058-0622-MW12S	Ground Water	6/23/2016 10:10	6/28/2016 07:55	Collected by Client
2154740014	058-0622-MW13S	Ground Water	6/23/2016 09:42	6/28/2016 07:55	Collected by Client
2154740015	058-0622-MW14S	Ground Water	6/23/2016 12:07	6/28/2016 07:55	Collected by Client
2154740016	058-0622-MW15S	Ground Water	6/22/2016 13:40	6/28/2016 07:55	Collected by Client
2154740017	058-0622-MW16S	Ground Water	6/22/2016 13:30	6/28/2016 07:55	Collected by Client
2154740018	058-0622-MW17S	Ground Water	6/22/2016 14:26	6/28/2016 07:55	Collected by Client
2154740019	058-0622-OW4	Ground Water	6/24/2016 12:41	6/28/2016 07:55	Collected by Client
2154740020	058-0622-MW1d	Ground Water	6/24/2016 14:10	6/28/2016 07:55	Collected by Client
2154740021	058-0622-MW2d	Ground Water	6/24/2016 15:00	6/28/2016 07:55	Collected by Client
2154740022	058-0622-MW6d	Ground Water	6/24/2016 14:36	6/28/2016 07:55	Collected by Client
2154740023	058-0622-MW7d	Ground Water	6/22/2016 14:55	6/28/2016 07:55	Collected by Client
2154740024	058-0622-MW7d DUP	Ground Water	6/22/2016 14:55	6/28/2016 07:55	Collected by Client
2154740025	058-0622-MW8d	Ground Water	6/22/2016 06:49	6/28/2016 07:55	Collected by Client
2154740026	058-0622-MW9d	Ground Water	6/22/2016 09:33	6/28/2016 07:55	Collected by Client
2154740027	058-0622-MW9d DUP	Ground Water	6/22/2016 09:33	6/28/2016 07:55	Collected by Client
2154740028	058-0622-MW10d	Ground Water	6/22/2016 13:16	6/28/2016 07:55	Collected by Client
2154740029	058-0622-MW11d	Ground Water	6/22/2016 15:25	6/28/2016 07:55	Collected by Client
2154740030	058-0622-MW12d	Ground Water	6/23/2016 09:06	6/28/2016 07:55	Collected by Client
2154740031	058-0622-MW13d	Ground Water	6/23/2016 07:44	6/28/2016 07:55	Collected by Client
2154740032	058-0622-FB1	Ground Water	6/22/2016 15:30	6/28/2016 07:55	Collected by Client
2154740033	058-0622-FB2	Ground Water	6/23/2016 16:00	6/28/2016 07:55	Collected by Client
2154740034	058-0622-FB3	Ground Water	6/24/2016 15:10	6/28/2016 07:55	Collected by Client

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**SAMPLE SUMMARY**

Workorder: 2154740 27058 Lewis Brothers Garage

**Notes**

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.

**Standard Acronyms/Flags**

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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### PROJECT SUMMARY

Workorder: 2154740 27058 Lewis Brothers Garage

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#### Sample Comments

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<b>Lab ID:</b> 2154740002	<b>Sample ID:</b> 058-0622-MW2S	<b>Sample Type:</b> SAMPLE
The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.		
<b>Lab ID:</b> 2154740003	<b>Sample ID:</b> 058-0622-MW3S	<b>Sample Type:</b> SAMPLE
The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.		
<b>Lab ID:</b> 2154740004	<b>Sample ID:</b> 058-0622-MW4S	<b>Sample Type:</b> SAMPLE
The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.		
<b>Lab ID:</b> 2154740011	<b>Sample ID:</b> 058-0622-MW10S	<b>Sample Type:</b> SAMPLE
The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.		

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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740001** Date Collected: 6/24/2016 12:00 Matrix: Ground Water  
 Sample ID: **058-0622-MW1S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:21	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/7/16 11:40	BS	7/7/16 18:13	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 16:21	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:21	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:21	TMP	A
Methyl t-Butyl Ether	2.4		ug/L	1.0	SW846 8260B			7/3/16 16:21	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 16:21	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:21	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 16:21	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:21	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:21	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	81.4		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 18:13	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89		%	62 - 133	SW846 8260B			7/3/16 16:21	TMP	A
4-Bromofluorobenzene (S)	97.2		%	79 - 114	SW846 8260B			7/3/16 16:21	TMP	A
Dibromofluoromethane (S)	87.4		%	78 - 116	SW846 8260B			7/3/16 16:21	TMP	A
Toluene-d8 (S)	92.2		%	76 - 127	SW846 8260B			7/3/16 16:21	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/6/16 23:45	MO	E1

  
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 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

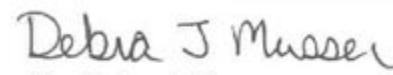
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740002** Date Collected: 6/24/2016 13:45 Matrix: Ground Water  
 Sample ID: **058-0622-MW2S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	843		ug/L	50.0	SW846 8260B			7/6/16 13:07	DD	A
1,2-Dibromoethane	2.8		ug/L	0.38	EPA 504.1	7/7/16 11:40	BS	7/8/16 07:29	BS	C
1,2-Dichloroethane	ND		ug/L	50.0	SW846 8260B			7/6/16 13:07	DD	A
Ethylbenzene	1030		ug/L	50.0	SW846 8260B			7/6/16 13:07	DD	A
Isopropylbenzene	92.1		ug/L	50.0	SW846 8260B			7/6/16 13:07	DD	A
Methyl t-Butyl Ether	185		ug/L	50.0	SW846 8260B			7/6/16 13:07	DD	A
Naphthalene	ND		ug/L	100	SW846 8260B			7/6/16 13:07	DD	A
Toluene	1370		ug/L	50.0	SW846 8260B			7/6/16 13:07	DD	A
Total Xylenes	2970		ug/L	150	SW846 8260B			7/6/16 13:07	DD	A
1,2,4-Trimethylbenzene	1260		ug/L	50.0	SW846 8260B			7/6/16 13:07	DD	A
1,3,5-Trimethylbenzene	282		ug/L	50.0	SW846 8260B			7/6/16 13:07	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	6.51		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/8/16 07:29	BS	C
1-Chloro-2-Fluorobenzene (S)	130		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 20:00	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	82.8		%	62 - 133	SW846 8260B			7/6/16 13:07	DD	A
4-Bromofluorobenzene (S)	97.7		%	79 - 114	SW846 8260B			7/6/16 13:07	DD	A
Dibromofluoromethane (S)	80.6		%	78 - 116	SW846 8260B			7/6/16 13:07	DD	A
Toluene-d8 (S)	89.6		%	76 - 127	SW846 8260B			7/6/16 13:07	DD	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0040	SW846 6020A	7/6/16 17:47	MO	7/12/16 04:12	ZMC	E1

  
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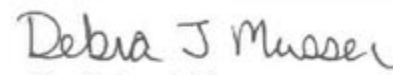
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740003** Date Collected: 6/24/2016 13:57 Matrix: Ground Water  
 Sample ID: **058-0622-MW3S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	6400		ug/L	100	SW846 8260B			7/6/16 13:29	DD	A
1,2-Dibromoethane	1.3		ug/L	0.19	EPA 504.1	7/7/16 11:40	BS	7/8/16 07:50	BS	C
1,2-Dichloroethane	ND		ug/L	100	SW846 8260B			7/6/16 13:29	DD	A
Ethylbenzene	2310		ug/L	100	SW846 8260B			7/6/16 13:29	DD	A
Isopropylbenzene	160		ug/L	100	SW846 8260B			7/6/16 13:29	DD	A
Methyl t-Butyl Ether	640		ug/L	100	SW846 8260B			7/6/16 13:29	DD	A
Naphthalene	287		ug/L	200	SW846 8260B			7/6/16 13:29	DD	A
Toluene	15000		ug/L	100	SW846 8260B			7/6/16 13:29	DD	A
Total Xylenes	13100		ug/L	300	SW846 8260B			7/6/16 13:29	DD	A
1,2,4-Trimethylbenzene	3000		ug/L	100	SW846 8260B			7/6/16 13:29	DD	A
1,3,5-Trimethylbenzene	707		ug/L	100	SW846 8260B			7/6/16 13:29	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	10.1		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/8/16 07:50	BS	C
1-Chloro-2-Fluorobenzene (S)	106		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 20:21	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	82		%	62 - 133	SW846 8260B			7/6/16 13:29	DD	A
4-Bromofluorobenzene (S)	97.3		%	79 - 114	SW846 8260B			7/6/16 13:29	DD	A
Dibromofluoromethane (S)	78.9		%	78 - 116	SW846 8260B			7/6/16 13:29	DD	A
Toluene-d8 (S)	87		%	76 - 127	SW846 8260B			7/6/16 13:29	DD	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0040	SW846 6020A	7/6/16 17:47	MO	7/12/16 04:16	ZMC	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740004** Date Collected: 6/24/2016 13:02 Matrix: Ground Water  
 Sample ID: **058-0622-MW4S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	37.1		ug/L	5.0	SW846 8260B			7/6/16 12:45	DD	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/7/16 11:40	BS	7/7/16 19:39	BS	C
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			7/6/16 12:45	DD	A
Ethylbenzene	194		ug/L	5.0	SW846 8260B			7/6/16 12:45	DD	A
Isopropylbenzene	26.1		ug/L	5.0	SW846 8260B			7/6/16 12:45	DD	A
Methyl t-Butyl Ether	548		ug/L	5.0	SW846 8260B			7/6/16 12:45	DD	A
Naphthalene	15.7		ug/L	10.0	SW846 8260B			7/6/16 12:45	DD	A
Toluene	27.5		ug/L	5.0	SW846 8260B			7/6/16 12:45	DD	A
Total Xylenes	152		ug/L	15.0	SW846 8260B			7/6/16 12:45	DD	A
1,2,4-Trimethylbenzene	154		ug/L	5.0	SW846 8260B			7/6/16 12:45	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	5.0	SW846 8260B			7/6/16 12:45	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	113		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 19:39	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.1		%	62 - 133	SW846 8260B			7/6/16 12:45	DD	A
4-Bromofluorobenzene (S)	93.6		%	79 - 114	SW846 8260B			7/6/16 12:45	DD	A
Dibromofluoromethane (S)	83.4		%	78 - 116	SW846 8260B			7/6/16 12:45	DD	A
Toluene-d8 (S)	87.3		%	76 - 127	SW846 8260B			7/6/16 12:45	DD	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 00:05	MO	E1

  
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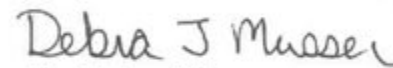
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740005** Date Collected: 6/24/2016 11:48 Matrix: Ground Water  
 Sample ID: **058-0622-MW5S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:43	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/7/16 11:40	BS	7/7/16 17:10	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 16:43	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:43	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:43	TMP	A
Methyl t-Butyl Ether	2.3		ug/L	1.0	SW846 8260B			7/3/16 16:43	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 16:43	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:43	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 16:43	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:43	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:43	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	84.1		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 17:10	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.1		%	62 - 133	SW846 8260B			7/3/16 16:43	TMP	A
4-Bromofluorobenzene (S)	96.3		%	79 - 114	SW846 8260B			7/3/16 16:43	TMP	A
Dibromofluoromethane (S)	88.2		%	78 - 116	SW846 8260B			7/3/16 16:43	TMP	A
Toluene-d8 (S)	91.1		%	76 - 127	SW846 8260B			7/3/16 16:43	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 00:28	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740006** Date Collected: 6/24/2016 11:48 Matrix: Ground Water  
 Sample ID: **058-0622-MW5S DUP** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/7/16 11:40	BS	7/7/16 17:52	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Methyl t-Butyl Ether	2.5		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 17:05	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 17:05	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	95.9		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 17:52	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.4		%	62 - 133	SW846 8260B			7/3/16 17:05	TMP	A
4-Bromofluorobenzene (S)	96.8		%	79 - 114	SW846 8260B			7/3/16 17:05	TMP	A
Dibromofluoromethane (S)	88.9		%	78 - 116	SW846 8260B			7/3/16 17:05	TMP	A
Toluene-d8 (S)	91.1		%	76 - 127	SW846 8260B			7/3/16 17:05	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 00:32	MO	E1

  
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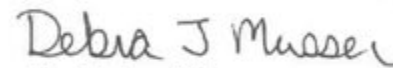
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740007** Date Collected: 6/24/2016 12:20 Matrix: Ground Water  
 Sample ID: **058-0622-MW6S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:23	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/7/16 11:40	BS	7/7/16 18:35	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 13:23	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:23	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:23	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 13:23	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 13:23	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:23	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 13:23	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:23	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:23	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	109		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 18:35	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98.7		%	62 - 133	SW846 8260B			7/3/16 13:23	TMP	A
4-Bromofluorobenzene (S)	96.2		%	79 - 114	SW846 8260B			7/3/16 13:23	TMP	A
Dibromofluoromethane (S)	97.7		%	78 - 116	SW846 8260B			7/3/16 13:23	TMP	A
Toluene-d8 (S)	95.3		%	76 - 127	SW846 8260B			7/3/16 13:23	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 00:36	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740008** Date Collected: 6/22/2016 11:03 Matrix: Ground Water  
 Sample ID: **058-0622-MW7S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:40	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/1/16 11:40	BS	7/1/16 17:41	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 13:40	TMP	A
Ethylbenzene	ND	1	ug/L	1.0	SW846 8260B			7/3/16 13:40	TMP	A
Isopropylbenzene	ND	2,3	ug/L	1.0	SW846 8260B			7/3/16 13:40	TMP	A
Methyl t-Butyl Ether	ND	8,9	ug/L	1.0	SW846 8260B			7/3/16 13:40	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 13:40	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:40	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 13:40	TMP	A
1,2,4-Trimethylbenzene	ND	6,7	ug/L	1.0	SW846 8260B			7/3/16 13:40	TMP	A
1,3,5-Trimethylbenzene	ND	4,5	ug/L	1.0	SW846 8260B			7/3/16 13:40	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	74.1		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 17:41	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	99.6		%	62 - 133	SW846 8260B			7/3/16 13:40	TMP	A
4-Bromofluorobenzene (S)	94.9		%	79 - 114	SW846 8260B			7/3/16 13:40	TMP	A
Dibromofluoromethane (S)	93.5		%	78 - 116	SW846 8260B			7/3/16 13:40	TMP	A
Toluene-d8 (S)	96.3		%	76 - 127	SW846 8260B			7/3/16 13:40	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 00:40	MO	E1

  
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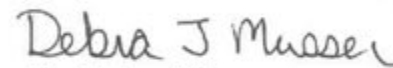
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740009** Date Collected: 6/22/2016 09:32 Matrix: Ground Water  
 Sample ID: **058-0622-MW8S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:57	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/1/16 11:40	BS	7/1/16 15:33	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 13:57	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:57	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:57	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 13:57	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 13:57	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:57	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 13:57	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:57	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 13:57	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	76.4		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 15:33	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98.2		%	62 - 133	SW846 8260B			7/3/16 13:57	TMP	A
4-Bromofluorobenzene (S)	100		%	79 - 114	SW846 8260B			7/3/16 13:57	TMP	A
Dibromofluoromethane (S)	94.6		%	78 - 116	SW846 8260B			7/3/16 13:57	TMP	A
Toluene-d8 (S)	97.6		%	76 - 127	SW846 8260B			7/3/16 13:57	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 00:44	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740010** Date Collected: 6/22/2016 10:24 Matrix: Ground Water  
 Sample ID: **058-0622-MW9S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 14:14	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/1/16 11:40	BS	7/1/16 17:20	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 14:14	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 14:14	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 14:14	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 14:14	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 14:14	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 14:14	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 14:14	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 14:14	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 14:14	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	79.1		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 17:20	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98.1		%	62 - 133	SW846 8260B			7/3/16 14:14	TMP	A
4-Bromofluorobenzene (S)	92.1		%	79 - 114	SW846 8260B			7/3/16 14:14	TMP	A
Dibromofluoromethane (S)	92.9		%	78 - 116	SW846 8260B			7/3/16 14:14	TMP	A
Toluene-d8 (S)	92.4		%	76 - 127	SW846 8260B			7/3/16 14:14	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 00:48	MO	E1

  
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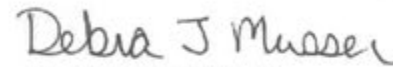
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740011** Date Collected: 6/23/2016 14:32 Matrix: Ground Water  
 Sample ID: **058-0622-MW10S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	719		ug/L	5.0	SW846 8260B			7/3/16 14:31	TMP	A
1,2-Dibromoethane	0.024		ug/L	0.020	EPA 504.1	7/6/16 13:24	BS	7/6/16 20:04	BS	C
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			7/3/16 14:31	TMP	A
Ethylbenzene	310		ug/L	5.0	SW846 8260B			7/3/16 14:31	TMP	A
Isopropylbenzene	23.6		ug/L	5.0	SW846 8260B			7/3/16 14:31	TMP	A
Methyl t-Butyl Ether	67.2		ug/L	50.0	SW846 8260B			7/5/16 19:02	TMP	B
Naphthalene	77.8		ug/L	10.0	SW846 8260B			7/3/16 14:31	TMP	A
Toluene	2340		ug/L	50.0	SW846 8260B			7/5/16 19:02	TMP	B
Total Xylenes	2190		ug/L	15.0	SW846 8260B			7/3/16 14:31	TMP	A
1,2,4-Trimethylbenzene	383		ug/L	5.0	SW846 8260B			7/3/16 14:31	TMP	A
1,3,5-Trimethylbenzene	82.1		ug/L	5.0	SW846 8260B			7/3/16 14:31	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	119		%	70 - 130	EPA 504.1	7/6/16 13:24	BS	7/6/16 20:04	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			7/3/16 14:31	TMP	A
1,2-Dichloroethane-d4 (S)	103		%	62 - 133	SW846 8260B			7/5/16 19:02	TMP	B
4-Bromofluorobenzene (S)	89.8		%	79 - 114	SW846 8260B			7/3/16 14:31	TMP	A
4-Bromofluorobenzene (S)	104		%	79 - 114	SW846 8260B			7/5/16 19:02	TMP	B
Dibromofluoromethane (S)	102		%	78 - 116	SW846 8260B			7/5/16 19:02	TMP	B
Dibromofluoromethane (S)	90.8		%	78 - 116	SW846 8260B			7/3/16 14:31	TMP	A
Toluene-d8 (S)	96.6		%	76 - 127	SW846 8260B			7/5/16 19:02	TMP	B
Toluene-d8 (S)	89.8		%	76 - 127	SW846 8260B			7/3/16 14:31	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.010	SW846 6020A	7/6/16 17:47	MO	7/12/16 04:20	ZMC	E1



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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740012** Date Collected: 6/23/2016 15:53 Matrix: Ground Water  
 Sample ID: **058-0622-MW11S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	166		ug/L	5.0	SW846 8260B			7/5/16 19:19	TMP	B
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/6/16 13:24	BS	7/6/16 20:47	BS	C
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			7/5/16 19:19	TMP	B
Ethylbenzene	461		ug/L	5.0	SW846 8260B			7/5/16 19:19	TMP	B
Isopropylbenzene	42.4		ug/L	5.0	SW846 8260B			7/5/16 19:19	TMP	B
Methyl t-Butyl Ether	26.3		ug/L	5.0	SW846 8260B			7/5/16 19:19	TMP	B
Naphthalene	58.5		ug/L	10.0	SW846 8260B			7/5/16 19:19	TMP	B
Toluene	96.1		ug/L	5.0	SW846 8260B			7/5/16 19:19	TMP	B
Total Xylenes	1070		ug/L	15.0	SW846 8260B			7/5/16 19:19	TMP	B
1,2,4-Trimethylbenzene	480		ug/L	5.0	SW846 8260B			7/5/16 19:19	TMP	B
1,3,5-Trimethylbenzene	139		ug/L	5.0	SW846 8260B			7/5/16 19:19	TMP	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	81.5		%	70 - 130	EPA 504.1	7/6/16 13:24	BS	7/6/16 20:47	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.5		%	62 - 133	SW846 8260B			7/5/16 19:19	TMP	B
4-Bromofluorobenzene (S)	102		%	79 - 114	SW846 8260B			7/5/16 19:19	TMP	B
Dibromofluoromethane (S)	92		%	78 - 116	SW846 8260B			7/5/16 19:19	TMP	B
Toluene-d8 (S)	96.1		%	76 - 127	SW846 8260B			7/5/16 19:19	TMP	B
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 01:03	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740013** Date Collected: 6/23/2016 10:10 Matrix: Ground Water  
 Sample ID: **058-0622-MW12S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	156		ug/L	1.0	SW846 8260B			7/5/16 02:35	CJG	B
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/6/16 13:24	BS	7/6/16 17:34	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/5/16 02:35	CJG	B
Ethylbenzene	6.6		ug/L	1.0	SW846 8260B			7/5/16 02:35	CJG	B
Isopropylbenzene	4.8		ug/L	1.0	SW846 8260B			7/5/16 02:35	CJG	B
Methyl t-Butyl Ether	68.3		ug/L	1.0	SW846 8260B			7/5/16 02:35	CJG	B
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/5/16 02:35	CJG	B
Toluene	7.1		ug/L	1.0	SW846 8260B			7/5/16 02:35	CJG	B
Total Xylenes	10.5		ug/L	3.0	SW846 8260B			7/5/16 02:35	CJG	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 02:35	CJG	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 02:35	CJG	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	70.3		%	70 - 130	EPA 504.1	7/6/16 13:24	BS	7/6/16 17:34	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	86.3		%	62 - 133	SW846 8260B			7/5/16 02:35	CJG	B
4-Bromofluorobenzene (S)	95.9		%	79 - 114	SW846 8260B			7/5/16 02:35	CJG	B
Dibromofluoromethane (S)	86.5		%	78 - 116	SW846 8260B			7/5/16 02:35	CJG	B
Toluene-d8 (S)	90.4		%	76 - 127	SW846 8260B			7/5/16 02:35	CJG	B
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 01:31	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740014** Date Collected: 6/23/2016 09:42 Matrix: Ground Water  
 Sample ID: **058-0622-MW13S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:22	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/6/16 13:24	BS	7/7/16 13:35	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 15:22	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:22	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:22	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 15:22	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 15:22	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:22	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 15:22	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:22	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:22	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	78.2		%	70 - 130	EPA 504.1	7/6/16 13:24	BS	7/7/16 13:35	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			7/3/16 15:22	TMP	A
4-Bromofluorobenzene (S)	95.6		%	79 - 114	SW846 8260B			7/3/16 15:22	TMP	A
Dibromofluoromethane (S)	95		%	78 - 116	SW846 8260B			7/3/16 15:22	TMP	A
Toluene-d8 (S)	91.5		%	76 - 127	SW846 8260B			7/3/16 15:22	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 01:35	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740015** Date Collected: 6/23/2016 12:07 Matrix: Ground Water  
 Sample ID: **058-0622-MW14S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:39	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/6/16 13:24	BS	7/7/16 13:56	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 15:39	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:39	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:39	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 15:39	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 15:39	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:39	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 15:39	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:39	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:39	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	80.5		%	70 - 130	EPA 504.1	7/6/16 13:24	BS	7/7/16 13:56	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	106		%	62 - 133	SW846 8260B			7/3/16 15:39	TMP	A
4-Bromofluorobenzene (S)	96		%	79 - 114	SW846 8260B			7/3/16 15:39	TMP	A
Dibromofluoromethane (S)	91.4		%	78 - 116	SW846 8260B			7/3/16 15:39	TMP	A
Toluene-d8 (S)	94.5		%	76 - 127	SW846 8260B			7/3/16 15:39	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 01:38	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740016** Date Collected: 6/22/2016 13:40 Matrix: Ground Water  
 Sample ID: **058-0622-MW15S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:56	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/1/16 11:40	BS	7/1/16 19:29	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 15:56	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:56	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:56	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 15:56	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 15:56	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:56	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 15:56	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:56	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 15:56	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	89.5		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 19:29	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62 - 133	SW846 8260B			7/3/16 15:56	TMP	A
4-Bromofluorobenzene (S)	92.1		%	79 - 114	SW846 8260B			7/3/16 15:56	TMP	A
Dibromofluoromethane (S)	93.1		%	78 - 116	SW846 8260B			7/3/16 15:56	TMP	A
Toluene-d8 (S)	92.6		%	76 - 127	SW846 8260B			7/3/16 15:56	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 01:42	MO	E1

  
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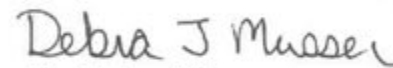
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740017** Date Collected: 6/22/2016 13:30 Matrix: Ground Water  
 Sample ID: **058-0622-MW16S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:13	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/1/16 11:40	BS	7/1/16 18:24	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 16:13	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:13	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:13	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 16:13	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 16:13	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:13	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 16:13	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:13	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:13	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	82.9		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 18:24	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	111		%	62 - 133	SW846 8260B			7/3/16 16:13	TMP	A
4-Bromofluorobenzene (S)	101		%	79 - 114	SW846 8260B			7/3/16 16:13	TMP	A
Dibromofluoromethane (S)	96.4		%	78 - 116	SW846 8260B			7/3/16 16:13	TMP	A
Toluene-d8 (S)	100		%	76 - 127	SW846 8260B			7/3/16 16:13	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 01:46	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740018** Date Collected: 6/22/2016 14:26 Matrix: Ground Water  
 Sample ID: **058-0622-MW17S** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:30	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/1/16 11:40	BS	7/1/16 19:50	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 16:30	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:30	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:30	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 16:30	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 16:30	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:30	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 16:30	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:30	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:30	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	83.3		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 19:50	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62 - 133	SW846 8260B			7/3/16 16:30	TMP	A
4-Bromofluorobenzene (S)	98.5		%	79 - 114	SW846 8260B			7/3/16 16:30	TMP	A
Dibromofluoromethane (S)	94.7		%	78 - 116	SW846 8260B			7/3/16 16:30	TMP	A
Toluene-d8 (S)	94		%	76 - 127	SW846 8260B			7/3/16 16:30	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 01:50	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740019** Date Collected: 6/24/2016 12:41 Matrix: Ground Water  
 Sample ID: **058-0622-OW4** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:48	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/7/16 11:40	BS	7/7/16 18:56	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 16:48	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:48	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:48	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 16:48	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 16:48	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:48	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 16:48	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:48	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 16:48	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	95.1		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 18:56	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	106		%	62 - 133	SW846 8260B			7/3/16 16:48	TMP	A
4-Bromofluorobenzene (S)	95.3		%	79 - 114	SW846 8260B			7/3/16 16:48	TMP	A
Dibromofluoromethane (S)	92.5		%	78 - 116	SW846 8260B			7/3/16 16:48	TMP	A
Toluene-d8 (S)	92.7		%	76 - 127	SW846 8260B			7/3/16 16:48	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 01:54	MO	E1

  
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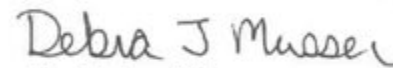


**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740020** Date Collected: 6/24/2016 14:10 Matrix: Ground Water  
 Sample ID: **058-0622-MW1d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/7/16 11:40	BS	7/7/16 21:04	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 17:05	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 17:05	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:05	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	96.1		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 21:04	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	113		%	62 - 133	SW846 8260B			7/3/16 17:05	TMP	A
4-Bromofluorobenzene (S)	103		%	79 - 114	SW846 8260B			7/3/16 17:05	TMP	A
Dibromofluoromethane (S)	99.6		%	78 - 116	SW846 8260B			7/3/16 17:05	TMP	A
Toluene-d8 (S)	97.8		%	76 - 127	SW846 8260B			7/3/16 17:05	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:47	MO	7/7/16 01:58	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740021** Date Collected: 6/24/2016 15:00 Matrix: Ground Water  
 Sample ID: **058-0622-MW2d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	1.8		ug/L	1.0	SW846 8260B			7/6/16 12:23	DD	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/7/16 11:40	BS	7/7/16 21:47	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/6/16 12:23	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/6/16 12:23	DD	A
Isopropylbenzene	1.8		ug/L	1.0	SW846 8260B			7/6/16 12:23	DD	A
Methyl t-Butyl Ether	4.9		ug/L	1.0	SW846 8260B			7/6/16 12:23	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/6/16 12:23	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/6/16 12:23	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/6/16 12:23	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/6/16 12:23	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/6/16 12:23	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	98.2		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 21:47	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.3		%	62 - 133	SW846 8260B			7/6/16 12:23	DD	A
4-Bromofluorobenzene (S)	97.3		%	79 - 114	SW846 8260B			7/6/16 12:23	DD	A
Dibromofluoromethane (S)	81		%	78 - 116	SW846 8260B			7/6/16 12:23	DD	A
Toluene-d8 (S)	86.6		%	76 - 127	SW846 8260B			7/6/16 12:23	DD	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/7/16 02:02	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740022** Date Collected: 6/24/2016 14:36 Matrix: Ground Water  
 Sample ID: **058-0622-MW6d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:39	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/7/16 11:40	BS	7/7/16 21:25	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 17:39	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:39	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:39	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 17:39	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 17:39	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:39	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 17:39	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:39	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 17:39	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	103		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 21:25	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62 - 133	SW846 8260B			7/3/16 17:39	TMP	A
4-Bromofluorobenzene (S)	94.8		%	79 - 114	SW846 8260B			7/3/16 17:39	TMP	A
Dibromofluoromethane (S)	95.4		%	78 - 116	SW846 8260B			7/3/16 17:39	TMP	A
Toluene-d8 (S)	94.5		%	76 - 127	SW846 8260B			7/3/16 17:39	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 20:54	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740023** Date Collected: 6/22/2016 14:55 Matrix: Ground Water  
 Sample ID: **058-0622-MW7d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	4.5		ug/L	1.0	SW846 8260B			7/5/16 01:51	CJG	B
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/1/16 11:40	BS	7/1/16 20:12	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/5/16 01:51	CJG	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 01:51	CJG	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 01:51	CJG	B
Methyl t-Butyl Ether	7.2		ug/L	1.0	SW846 8260B			7/5/16 01:51	CJG	B
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/5/16 01:51	CJG	B
Toluene	ND		ug/L	1.0	SW846 8260B			7/5/16 01:51	CJG	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/5/16 01:51	CJG	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 01:51	CJG	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 01:51	CJG	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	90.1		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 20:12	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	86.4		%	62 - 133	SW846 8260B			7/5/16 01:51	CJG	B
4-Bromofluorobenzene (S)	97		%	79 - 114	SW846 8260B			7/5/16 01:51	CJG	B
Dibromofluoromethane (S)	84		%	78 - 116	SW846 8260B			7/5/16 01:51	CJG	B
Toluene-d8 (S)	90.6		%	76 - 127	SW846 8260B			7/5/16 01:51	CJG	B
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 20:58	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740024** Date Collected: 6/22/2016 14:55 Matrix: Ground Water  
 Sample ID: **058-0622-MW7d DUP** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	2.9		ug/L	1.0	SW846 8260B			7/5/16 02:13	CJG	B
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/1/16 11:40	BS	7/1/16 20:33	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/5/16 02:13	CJG	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 02:13	CJG	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 02:13	CJG	B
Methyl t-Butyl Ether	6.5		ug/L	1.0	SW846 8260B			7/5/16 02:13	CJG	B
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/5/16 02:13	CJG	B
Toluene	ND		ug/L	1.0	SW846 8260B			7/5/16 02:13	CJG	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/5/16 02:13	CJG	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 02:13	CJG	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/5/16 02:13	CJG	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	97.4		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 20:33	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	86.6		%	62 - 133	SW846 8260B			7/5/16 02:13	CJG	B
4-Bromofluorobenzene (S)	94		%	79 - 114	SW846 8260B			7/5/16 02:13	CJG	B
Dibromofluoromethane (S)	85.3		%	78 - 116	SW846 8260B			7/5/16 02:13	CJG	B
Toluene-d8 (S)	88.2		%	76 - 127	SW846 8260B			7/5/16 02:13	CJG	B
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:02	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740025** Date Collected: 6/22/2016 06:49 Matrix: Ground Water  
 Sample ID: **058-0622-MW8d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:30	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/1/16 11:40	BS	7/1/16 15:11	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 18:30	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:30	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:30	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 18:30	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 18:30	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:30	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 18:30	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:30	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:30	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	88		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 15:11	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62 - 133	SW846 8260B			7/3/16 18:30	TMP	A
4-Bromofluorobenzene (S)	122	2	%	79 - 114	SW846 8260B			7/3/16 18:30	TMP	A
Dibromofluoromethane (S)	120	1	%	78 - 116	SW846 8260B			7/3/16 18:30	TMP	A
Toluene-d8 (S)	95.9		%	76 - 127	SW846 8260B			7/3/16 18:30	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:06	MO	E1

  
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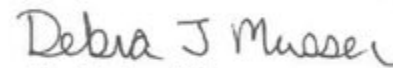
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740026** Date Collected: 6/22/2016 09:33 Matrix: Ground Water  
 Sample ID: **058-0622-MW9d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:47	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/1/16 11:40	BS	7/1/16 16:16	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 18:47	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:47	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:47	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 18:47	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 18:47	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:47	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 18:47	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:47	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 18:47	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	79.3		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 16:16	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	114		%	62 - 133	SW846 8260B			7/3/16 18:47	TMP	A
4-Bromofluorobenzene (S)	101		%	79 - 114	SW846 8260B			7/3/16 18:47	TMP	A
Dibromofluoromethane (S)	107		%	78 - 116	SW846 8260B			7/3/16 18:47	TMP	A
Toluene-d8 (S)	95.4		%	76 - 127	SW846 8260B			7/3/16 18:47	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:10	MO	E1

  
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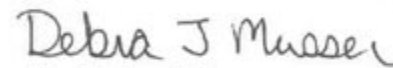
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740027** Date Collected: 6/22/2016 09:33 Matrix: Ground Water  
 Sample ID: **058-0622-MW9d DUP** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:38	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/1/16 11:40	BS	7/1/16 16:37	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 23:38	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:38	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:38	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 23:38	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 23:38	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:38	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 23:38	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:38	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:38	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	74.6		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 16:37	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	108		%	62 - 133	SW846 8260B			7/3/16 23:38	TMP	A
4-Bromofluorobenzene (S)	93		%	79 - 114	SW846 8260B			7/3/16 23:38	TMP	A
Dibromofluoromethane (S)	97.7		%	78 - 116	SW846 8260B			7/3/16 23:38	TMP	A
Toluene-d8 (S)	91.3		%	76 - 127	SW846 8260B			7/3/16 23:38	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:14	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740028** Date Collected: 6/22/2016 13:16 Matrix: Ground Water  
 Sample ID: **058-0622-MW10d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:55	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/1/16 11:40	BS	7/1/16 18:02	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 23:55	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:55	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:55	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 23:55	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 23:55	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:55	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 23:55	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:55	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:55	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	72.4		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 18:02	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62 - 133	SW846 8260B			7/3/16 23:55	TMP	A
4-Bromofluorobenzene (S)	98.7		%	79 - 114	SW846 8260B			7/3/16 23:55	TMP	A
Dibromofluoromethane (S)	101		%	78 - 116	SW846 8260B			7/3/16 23:55	TMP	A
Toluene-d8 (S)	93.6		%	76 - 127	SW846 8260B			7/3/16 23:55	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:18	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740029** Date Collected: 6/22/2016 15:25 Matrix: Ground Water  
 Sample ID: **058-0622-MW11d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:12	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/1/16 11:40	BS	7/1/16 20:55	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/4/16 00:12	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:12	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:12	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/4/16 00:12	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/4/16 00:12	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:12	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/4/16 00:12	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:12	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:12	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	83.7		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 20:55	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	109		%	62 - 133	SW846 8260B			7/4/16 00:12	TMP	A
4-Bromofluorobenzene (S)	95.4		%	79 - 114	SW846 8260B			7/4/16 00:12	TMP	A
Dibromofluoromethane (S)	100		%	78 - 116	SW846 8260B			7/4/16 00:12	TMP	A
Toluene-d8 (S)	95.8		%	76 - 127	SW846 8260B			7/4/16 00:12	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:22	MO	E1

  
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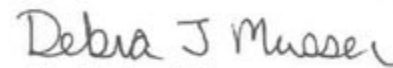
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740030** Date Collected: 6/23/2016 09:06 Matrix: Ground Water  
 Sample ID: **058-0622-MW12d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:29	TMP	A
1,2-Dibromoethane	ND		ug/L	0.019	EPA 504.1	7/6/16 13:24	BS	7/7/16 13:13	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/4/16 00:29	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:29	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:29	TMP	A
Methyl t-Butyl Ether	2.8		ug/L	1.0	SW846 8260B			7/4/16 00:29	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/4/16 00:29	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:29	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/4/16 00:29	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:29	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:29	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	80.4		%	70 - 130	EPA 504.1	7/6/16 13:24	BS	7/7/16 13:13	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	112		%	62 - 133	SW846 8260B			7/4/16 00:29	TMP	A
4-Bromofluorobenzene (S)	98.7		%	79 - 114	SW846 8260B			7/4/16 00:29	TMP	A
Dibromofluoromethane (S)	98.9		%	78 - 116	SW846 8260B			7/4/16 00:29	TMP	A
Toluene-d8 (S)	96.6		%	76 - 127	SW846 8260B			7/4/16 00:29	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:25	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740031** Date Collected: 6/23/2016 07:44 Matrix: Ground Water  
 Sample ID: **058-0622-MW13d** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:46	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/6/16 13:24	BS	7/7/16 12:52	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/4/16 00:46	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:46	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:46	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/4/16 00:46	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/4/16 00:46	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:46	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/4/16 00:46	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:46	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/4/16 00:46	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	85.3		%	70 - 130	EPA 504.1	7/6/16 13:24	BS	7/7/16 12:52	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	108		%	62 - 133	SW846 8260B			7/4/16 00:46	TMP	A
4-Bromofluorobenzene (S)	101		%	79 - 114	SW846 8260B			7/4/16 00:46	TMP	A
Dibromofluoromethane (S)	96.1		%	78 - 116	SW846 8260B			7/4/16 00:46	TMP	A
Toluene-d8 (S)	95.3		%	76 - 127	SW846 8260B			7/4/16 00:46	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:49	MO	E1

  
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740032** Date Collected: 6/22/2016 15:30 Matrix: Ground Water  
 Sample ID: **058-0622-FB1** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 22:47	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/1/16 11:40	BS	7/1/16 21:17	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 22:47	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 22:47	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 22:47	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 22:47	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 22:47	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 22:47	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 22:47	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 22:47	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 22:47	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	94.1		%	70 - 130	EPA 504.1	7/1/16 11:40	BS	7/1/16 21:17	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	109		%	62 - 133	SW846 8260B			7/3/16 22:47	TMP	A
4-Bromofluorobenzene (S)	99.5		%	79 - 114	SW846 8260B			7/3/16 22:47	TMP	A
Dibromofluoromethane (S)	101		%	78 - 116	SW846 8260B			7/3/16 22:47	TMP	A
Toluene-d8 (S)	97.1		%	76 - 127	SW846 8260B			7/3/16 22:47	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:53	MO	E1

  
 Ms. Debra J. Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740033** Date Collected: 6/23/2016 16:00 Matrix: Ground Water  
 Sample ID: **058-0622-FB2** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:04	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/6/16 13:24	BS	7/6/16 21:29	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 23:04	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:04	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:04	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 23:04	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 23:04	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:04	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 23:04	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:04	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:04	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	78.9		%	70 - 130	EPA 504.1	7/6/16 13:24	BS	7/6/16 21:29	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	109		%	62 - 133	SW846 8260B			7/3/16 23:04	TMP	A
4-Bromofluorobenzene (S)	95.4		%	79 - 114	SW846 8260B			7/3/16 23:04	TMP	A
Dibromofluoromethane (S)	94.6		%	78 - 116	SW846 8260B			7/3/16 23:04	TMP	A
Toluene-d8 (S)	96.6		%	76 - 127	SW846 8260B			7/3/16 23:04	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 21:56	MO	E1

  
 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

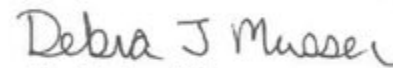
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**ANALYTICAL RESULTS**

Workorder: 2154740 27058 Lewis Brothers Garage

 Lab ID: **2154740034** Date Collected: 6/24/2016 15:10 Matrix: Ground Water  
 Sample ID: **058-0622-FB3** Date Received: 6/28/2016 07:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:21	TMP	A
1,2-Dibromoethane	ND		ug/L	0.020	EPA 504.1	7/7/16 11:40	BS	7/7/16 22:08	BS	C
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			7/3/16 23:21	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:21	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:21	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			7/3/16 23:21	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			7/3/16 23:21	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:21	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			7/3/16 23:21	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:21	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			7/3/16 23:21	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1-Chloro-2-Fluorobenzene (S)	93.6		%	70 - 130	EPA 504.1	7/7/16 11:40	BS	7/7/16 22:08	BS	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62 - 133	SW846 8260B			7/3/16 23:21	TMP	A
4-Bromofluorobenzene (S)	95.1		%	79 - 114	SW846 8260B			7/3/16 23:21	TMP	A
Dibromofluoromethane (S)	95.6		%	78 - 116	SW846 8260B			7/3/16 23:21	TMP	A
Toluene-d8 (S)	93.8		%	76 - 127	SW846 8260B			7/3/16 23:21	TMP	A
<b>METALS</b>										
Lead, Dissolved	ND		mg/L	0.0020	SW846 6020A	7/6/16 17:49	MO	7/6/16 22:00	MO	E1

  
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 Project Coordinator

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**PARAMETER QUALIFIERS**

Lab ID	#	Sample ID	Analytical Method	Analyte
2154740008	1	058-0622-MW7S	SW846 8260B	Ethylbenzene
The QC sample type MSD for method SW846 8260B was outside the control limits for the analyte Ethylbenzene. The % Recovery was reported as 128 and the control limits were 80 to 124.				
2154740008	2	058-0622-MW7S	SW846 8260B	Isopropylbenzene
The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Isopropylbenzene. The % Recovery was reported as 131 and the control limits were 73 to 129.				
2154740008	3	058-0622-MW7S	SW846 8260B	Isopropylbenzene
The QC sample type MSD for method SW846 8260B was outside the control limits for the analyte Isopropylbenzene. The % Recovery was reported as 138 and the control limits were 73 to 129.				
2154740008	4	058-0622-MW7S	SW846 8260B	1,3,5-Trimethylbenzene
The QC sample type MS for method SW846 8260B was outside the control limits for the analyte 1,3,5-Trimethylbenzene. The % Recovery was reported as 128 and the control limits were 76 to 125.				
2154740008	5	058-0622-MW7S	SW846 8260B	1,3,5-Trimethylbenzene
The QC sample type MSD for method SW846 8260B was outside the control limits for the analyte 1,3,5-Trimethylbenzene. The % Recovery was reported as 133 and the control limits were 76 to 125.				
2154740008	6	058-0622-MW7S	SW846 8260B	1,2,4-Trimethylbenzene
The QC sample type MS for method SW846 8260B was outside the control limits for the analyte 1,2,4-Trimethylbenzene. The % Recovery was reported as 130 and the control limits were 76 to 125.				
2154740008	7	058-0622-MW7S	SW846 8260B	1,2,4-Trimethylbenzene
The QC sample type MSD for method SW846 8260B was outside the control limits for the analyte 1,2,4-Trimethylbenzene. The % Recovery was reported as 138 and the control limits were 76 to 125.				
2154740008	8	058-0622-MW7S	SW846 8260B	Methyl t-Butyl Ether
The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 118 and the control limits were 69 to 115.				
2154740008	9	058-0622-MW7S	SW846 8260B	Methyl t-Butyl Ether
The QC sample type MSD for method SW846 8260B was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 123 and the control limits were 69 to 115.				
2154740025	1	058-0622-MW8d	SW846 8260B	Dibromofluoromethane
The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 120 and the control limits were 78 to 116. This result was reported at a dilution of 1.				
2154740025	2	058-0622-MW8d	SW846 8260B	4-Bromofluorobenzene
The surrogate 4-Bromofluorobenzene for method SW846 8260B was outside of control limits. The % Recovery was reported as 122 and the control limits were 79 to 114. This result was reported at a dilution of 1.				

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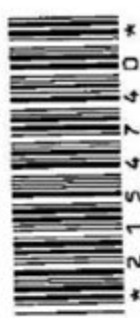
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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
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Page 1 of 5

Counter:  
Tracking #:



**Environmental**

Co. Name: **PENNSYLVANIA TECTONICS INC.**  
Contact (report to): **MARTIN GILGALLON** Phone: **570-487-1954**  
Address: **723 MAIN STREET**  
**ARCHBALD PA 18403**

Bill to (if different than Report to):  
PO#:  
Project Name#: **27058 LEWIS BROS GARAGE** ALS Quote #:  
TAT:  Normal-Standard TAT is 10-12 business days. Date Required:  
 Rush-Subject to ALS approval and surcharges. Approved By:

Email?  Y  N  
Fax?  Y  N  
Project Comments: **m.gilgallon@TECTONICS.COM**

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time
1 058-0622-MW1S		6/24/16	1200
2 058-0622-MW2S		6/24/16	1345
3 058-0622-MW3S		6/24/16	1357
4 058-0622-MW4S		6/24/16	1302
5 058-0622-MW5S		6/24/16	1148
6 058-0622-MW5S Dup		6/24/16	1148
7 058-0622-MW6S		6/24/16	1220
8 058-0622-MW7S		6/22/16	1103

SAMPLED BY (Please Print): **Chris Herman**  
Project Comments: **\* = Na2S2O3**

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Chris Herman / PA Tectonics	6/28/16	0755	Chris Herman / ALS	6/28/16	0755
3					
5					
7					
9					

Container Type	Container Size	Preservative
CG	CG	PL
40ml	40ml	250ml
HCL	*	HNO3

Matrix	Enter Number of Containers Per Analysis
LEAD/UNLEADED GASOLINE	2
NEW LIST-EPA 8AQ0 B	2
LEAD/UNLEADED GASOLINE	2
NEW LIST-EPA 8AQ0 B	2
LEAD/UNLEADED GASOLINE	2
NEW LIST-EPA 8AQ0 B	2
LEAD/UNLEADED GASOLINE	2
NEW LIST-EPA 8AQ0 B	2
DISSOLVED LEAD/FIELD FILTERS	1
NEW LIST	1

ANALYSES/METHOD REQUESTED  
No. of Coolers:  
Notes:  
Therm. ID: **350**  
Cooler Temp: **2**  
Professional by: **JPC**

Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatiles?	Container in good condition?
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y

Standard	CLP-like	NJ-Reduced	NJ-Full	Other
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SIWA Form 7-10	SIWA Collected 1/7	SIWA Collected 1/7	SIWA Collected 1/7	SIWA Collected 1/7
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes

ALS FIELD SERVICES: Pickup, Luber, Composite Sampling, Rental Equipment, Other.  
Data Deliverables: Standard, CLP-like, NJ-Reduced, NJ-Full, Other.  
EODs: Requested?   
000 Criteria Required?

\* G=Grab; C=Composite \*\* Matrix: A=Air; D=Drinking Water; GW=Groundwater; O=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater  
\*\*\* Container Type: AG=Amber Glass, CG=Clear Glass, PL=Plastic. Container Size: 250ml, 500ml, 1L, 6oz., etc. Preservative: HCL, HNO3, NiOH, etc.  
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY  
Rev 01-2013



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Page 2 of 5

Courier:

Tracking #:

2184940

**Co. Name:** PENNSYLVANIA TECTONICS INC  
**Contact (Person):** MARTIN GILGALLON  
**Address:** 723 MAIN STREET  
ARCHBALD PA 18403  
**Phone:** 570-487-1459

Bill to (different than Report to):

PO#:

**Project Name#:** 27058/LEWIS BRAS GARAGE  
**ALS Quote #:**  
**TAT:**  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.

**Email?**  **Fax?**   
\*Y No: M.GILGALLON@PATTECTONICS.COM

Sample Description/Location <small>(As it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time
1 058-0622-MW85		6/24/16	0932
2 058-0622-MW95		6/24/16	1024
3 058-0622-MW105		6/23/16	1432
4 058-0622-MW115		6/23/16	1553
5 058-0622-MW125		6/23/16	1010
6 058-0622-MW135		6/23/16	0942
7 058-0622-MW145		6/23/16	1207
8 058-0622-MW155		6/23/16	1340

Project Comments:  
\* = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

Relinquished By / Company Name  
Chris Herman

Date	Time	Received By / Company Name	Date	Time
6/28	0755	<u>Chris Herman / PATTECTONICS</u>	6/28	0755

<b>Receipt Information</b> Analyzed by: <u>JMG/pt</u> Cooler Temp: <u>2</u> Therm. ID: <u>352</u> No. of Coolers: Notes:		Correct containers? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct sample volumes? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct preservation? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Headspace/Volatil? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N COC Labels complete/accurate? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Container in good condition? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
<b>ANALYSES/METHOD REQUESTED</b> LEADED/UNLEADED GASOLINE NEW LIST-EPA 8AC0B LEADED/UNLEADED GASOLINE NEW LIST-EPA 804 LEADED/UNLEADED GASOLINE NEW LIST LEADED/UNLEADED GASOLINE DISSOLVED LEAD-FIELD FILTERED		Enter Number of Containers Per Analysis LEADED/UNLEADED GASOLINE: 2 NEW LIST-EPA 8AC0B: 2 LEADED/UNLEADED GASOLINE: 2 NEW LIST: 2 LEADED/UNLEADED GASOLINE: 2 NEW LIST: 2 LEADED/UNLEADED GASOLINE: 2 DISSOLVED LEAD-FIELD FILTERED: 2	
<b>ALS FIELD SERVICES</b> <input type="checkbox"/> Pickup <input type="checkbox"/> Labor <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment <input type="checkbox"/> Other		<b>Data Deliverables</b> <input checked="" type="checkbox"/> Standard <input type="checkbox"/> CLP-30 <input type="checkbox"/> NJ-Reduced <input type="checkbox"/> NJ-Full <input type="checkbox"/> Other: <u>MSD</u> If yes, format type: <u>MSD</u> <b>SOA</b> Form: <input type="checkbox"/> Yes <input type="checkbox"/> No Collected in? <input type="checkbox"/> MD <input type="checkbox"/> NJ <input type="checkbox"/> NY <input checked="" type="checkbox"/> PA	
<b>DOO Criteria Required?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>EDS Required?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

\* G-Grab; C-Composite \*\*Matrix: Ab-Mr; Dm-Drinking Water; GW-Groundwater; Oil-Oil; O-Other Liquid; SL-Sludge; SO-Soil; WP-Wipes; WW-Wastewater  
 \*\*\*Container Type: AG-Amber Glass; CG-Clear Glass; PL-Plastic. Container Size: 250ml, 500ml, 1L, 5oz., etc. Preservative: HCl, HNO3, NaOH, etc.  
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Page 3 of 5  
Counter: \_\_\_\_\_  
Tracking #: \_\_\_\_\_

21549740

Co. Name: **PENNSYLVANIA TECTONICS INC.** Phone: \_\_\_\_\_  
 Contact (Report to): **MARTIN GILGALLON** Phone: **570-487-1959**  
 Address: **723 MAIN STREET**  
**ARCHBALD PA 18403**

Bill to (if different than Report to): PO#: \_\_\_\_\_

Project Name#: **27058/LEWIS BROS GARAGE** ALS Quote #: \_\_\_\_\_  
 TAT:  Normal-Standard TAT is 10-12 business days. Date Required: \_\_\_\_\_  
 Rush-Subject to ALS approval and surcharges. Approved By: \_\_\_\_\_

Email?  Y  N  
 Fax?  Y  N

Sample Description/Location <small>(as it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time
1 058-0622-MW1G5		7/22/16	1330
2 058-0622-MW17S		7/22/16	1426
3 058-0622-OW4		7/24/16	1241
4 058-0622-MW1d		7/24/16	1410
5 058-0622-MWad		7/24/16	1500
6 058-0622-MW4d		7/24/16	1436
7 058-0622-MW7d		7/24/16	1455
8 058-0622-MW7du1		7/24/16	1455

Project Comments:  
 \* = NA 5 0  
 Chw is Herman

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Chris Normen/PA Tectonics	4/28	0755	[Signature]	7/28	0755

Receipt Information		ANALYSES/METHOD REQUESTED		Enter Number of Containers Per Analysis		ALS FIELD SERVICES	
Received by: <u>[Signature]</u>	Container Type: <u>CL</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
Container ID: <u>2</u>	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
Therm. ID: <u>352</u>	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
No. of Coolers: _____	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
Notes: _____	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
Correct containers? <u>Y</u>	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
(If present) Seals intact? <u>Y</u>	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
Correct sample volume? <u>Y</u>	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
Correct preservation? <u>Y</u>	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
Headspace/Volatiles? <u>Y</u>	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
COCLabels complete/accurate? <u>Y</u>	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>
Container in good condition? <u>Y</u>	Container Size: <u>40ml</u>	Container Size: <u>40ml</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>	Matrix: <u>G or C</u>

SO/MA Form 1-10  
 Data Deliverables:  Standard,  CLP-4/6,  NJ-Reduced,  NJ-Full,  Other: \_\_\_\_\_  
 Scale Samples Collected In?  MD,  NJ,  NY,  PA  
 ALS Field Services:  Pickup,  Labor,  Composite Sampling,  Rental Equipment,  Other: \_\_\_\_\_  
 DOD Criteria Required?  Yes  No  
 \* G-Grub; C-Composite; \*\*Matrix: Ab-Air; DW-Drinking Water; GW-Groundwater; Oil-Oil; OI-Other Liquid; SL-Sludge; SO-Soil; WP-Water; WW-Wastewater  
 \*\*\*Container Type: AG-Amber Glass; CG-Clear Glass; PL-Plastic. Container Size: 250ml, 500ml, 1L, 5oz., etc. Preservative: HCl, HNO3, NaOH, etc.  
 Copies: WHITE - ORIGINAL CANVARY - CUSTOMER COPY  
 Rev 01-2013



34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

Page 4 of 5

Courier:

Tracking #:

2154740

Co. Name: Pennsylvania Testonics Inc  
Contact (Person): Martin Gillgallon  
Address: 723 Main Street  
Arenbald, PA 18403  
Phone: 570-487-1459

Bill to (if different than Report to):

PO#:

Project Name#: 2058 / Lewis Bros Garages Quote #:

TAT:  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.

Date Required:  
Approved By:

Email?  Y  N  
Fax?  Y  N  
By: M. Gillgallon @ patetronics.com

Sample Description/Location <small>(as it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time	Matrix	Enter Number of Containers Per Analysis
1 058-0622 - MW40		6/27/16	0645	GW	2 1
2 058-0622 - MW90		6/27/16	0933	GW	2 1
3 058-0622 - MW90det		6/27/16	0933	GW	2 1
4 058-0622 - MW00		6/28/16	1314	GW	2 1
5 058-0622 - MW110		6/27/16	1525	GW	2 1
6 058-0622 - MW120		6/28/16	0906	GW	2 1
7 058-0622 - MW130		6/28/16	0744	GW	2 1
8 058-0622 - FB1		6/28/16	1530	GS	2 1

Project Comments:  
\* = Na<sub>2</sub>SO<sub>3</sub>

SAMPLED BY (Please Print):  
Chris Herman

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Chris Herman / Patetronics	6/28	0755	[Signature] / ALS	6/28	0755
	3				
	5				
	7				
	9				

Receipt Information Completed by: J. [Signature] Cooler Temp: 2 Therm. ID: 352	No. of Coolers:	Notes:
Correct containers? <input checked="" type="checkbox"/>	(If present) Seals Intact? <input checked="" type="checkbox"/>	Custody seals Present? <input checked="" type="checkbox"/>
Correct sample volume? <input checked="" type="checkbox"/>	Received on ice? <input checked="" type="checkbox"/>	COCL labels complete/accurate? <input checked="" type="checkbox"/>
Headspace/Volatiles? <input checked="" type="checkbox"/>	Container in good condition? <input checked="" type="checkbox"/>	

ANALYSES/METHOD REQUESTED	DATA DELIVERABLES <input checked="" type="checkbox"/> Standard <input type="checkbox"/> CLP-R10 <input type="checkbox"/> NJ-Reduced <input type="checkbox"/> NJ-Full	SIWA FORMATION yes <input type="checkbox"/> no <input type="checkbox"/>	STATE SAMPLES COLLECTED IN? MD <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> PA <input checked="" type="checkbox"/>
	EDDs <input type="checkbox"/>	Other: <input type="checkbox"/>	
	DCD Criteria Required? <input type="checkbox"/>		



34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430



**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.

Page 5 of 5  
Counter: \_\_\_\_\_  
Tracking #: \_\_\_\_\_

2159940

Co. Name: **PENNSYLVANIA TECTONICS INC.** Phone: **570-487-1959**  
 Contact (Report to): **MARTIN GILGALLON**  
 Address: **723 MAIN STREET**  
**ARCHBALD PA 18403**

Project Name#: **27058/LENI'S BROS GARAGE** ALS Quote #: \_\_\_\_\_  
 TAT:  Normal-Standard TAT is 10-12 business days. Date Required: \_\_\_\_\_  
 Rush-Subject to ALS approval and surcharges. Approved By: \_\_\_\_\_

Email?  Y  N  
 Fax?  Y  N

Sample Description/Location <small>(as it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time
1 058-0622-FB2		7/23/16	1000
2 058-0622-FB3		7/24/16	1510
3			
4			
5			
6			
7			
8			

SAMPLED BY (Please Print): Chris Herma  
 Relinquished By / Company Name: Chris Herma PA Tectonics  
 Date: 07/23/16 Time: 0755  
 Received By / Company Name: [Signature] Date: 07/23/16 Time: 0755

Project Comments:  
 \* = NA S O 3

Container		Type		Size		Preservative		ANALYSES/METHOD REQUESTED		Enter Number of Containers Per Analysis	
CG	CG	PG	PG	40ml	40ml	HNO3	HNO3	LEAD/UNLEADED GASOLINE	NEW LIST-EPA 8210B	LEAD/UNLEADED GASOLINE	2
CG	CG	PG	PG	40ml	40ml	HNO3	HNO3	LEAD/UNLEADED GASOLINE	NEW LIST-EPA 8210B	LEAD/UNLEADED GASOLINE	2
CG	CG	PG	PG	40ml	40ml	HNO3	HNO3	LEAD/UNLEADED GASOLINE	NEW LIST-EPA 8210B	LEAD/UNLEADED GASOLINE	2
CG	CG	PG	PG	40ml	40ml	HNO3	HNO3	LEAD/UNLEADED GASOLINE	NEW LIST-EPA 8210B	LEAD/UNLEADED GASOLINE	2
CG	CG	PG	PG	40ml	40ml	HNO3	HNO3	LEAD/UNLEADED GASOLINE	NEW LIST-EPA 8210B	LEAD/UNLEADED GASOLINE	2
CG	CG	PG	PG	40ml	40ml	HNO3	HNO3	LEAD/UNLEADED GASOLINE	NEW LIST-EPA 8210B	LEAD/UNLEADED GASOLINE	2

Receipt Information <small>(Completed by State/Receptor)</small>	Performed by: <u>[Signature]</u>
Cooler Temp: <u>2</u>	Therm. ID: <u>350</u>
No. of Coolers: _____	Notes: _____

Correct containers?	Y	N
(If present) Seals Intact?	Y	N
Correct sample volume?	Y	N
Correct preservation?	Y	N
Headspaces/Volatiles?	Y	N
COC Labels complete/accurate?	Y	N
Container in good condition?	Y	N

ALS FIELD SERVICES

Pickup

Lab

Composite Sampling

Rental Equipment

Other

Bill to (different than Report to): PO#: \_\_\_\_\_

State Samples Collected In? SDWA Form 1-3:  Yes  No

Standard:  Standard  CLP-Env  NJ-Reduced  NJ-Full  Other: \_\_\_\_\_

DOB Criteria Required?  Yes  No

Matrix: \_\_\_\_\_

Project Comments: \* = NA S O 3

Relinquished By / Company Name: Chris Herma Date: 07/23/16 Time: 0755

Received By / Company Name: [Signature] Date: 07/23/16 Time: 0755

1 Chris Herma PA Tectonics

3

5

7

9

\* G-Grab; C-Composite  
 \*\* Moist: Ab-Air; DW-Drinking Water; GW-Groundwater; Oil-Oil; O-Other Liquid; SL-Sludge; SO-Soil; WP-Water; WW-Wastewater  
 \*\*\* Container Type: AG-Amber Glass; CG-Clear Glass; PL-Plastic. Container Size: 250ml, 500ml, 1L, 5gal, etc. Preservative: HCL, HNO3, NaOH, etc.

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## APPENDIX Y

### Surface Water Analytical Data Sheets and Summary Tables



Surface Water Sampling Analytical Data Sheets

June 13, 2008



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 29, 2008

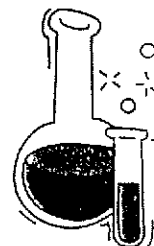
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Surface Water  
Sample Date: 13-Jun-08  
Sample Time: 10:30  
Sampled By: client  
Received By: MN  
Date Received: 13-Jun-08  
Time Received: 12:41

Parameter	Result	Units	Method	Analyzed
<b>058-0604-SW1</b>				
MTBE	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Benzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Ethylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Isopropylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Toluene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Naphthalene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Xylenes (total)	< 15.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,2-Dichloroethane	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,2-Dibromoethane	< 0.01	ug/L	EPA 504.1	20-Jun-08
Lead (dissolved)	< 5.0	ug/L	EPA 7421	25-Jun-08
Hardness	50	mg/L	SM <sub>20</sub> 2340 C	13-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964** **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Surface Water  
Sample Date: 13-Jun-08  
Sample Time: 10:45  
Sampled By: client  
Received By: MN  
Date Received: 13-Jun-08  
Time Received: 12:41

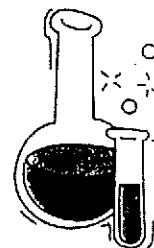
Parameter	Result	Units	Method	Analyzed
<b>058-0604-SW2</b>				
MTBE	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Benzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Ethylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Isopropylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Toluene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Naphthalene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Xylenes (total)	< 15.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,2-Dichloroethane	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,2-Dibromoethane	< 0.01	ug/L	EPA 504.1	19-Jun-08
Lead (dissolved)	< 5.0	ug/L	EPA 7421	25-Jun-08
Hardness	62	mg/L	SM <sub>20</sub> 2340 C	13-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 29, 2008

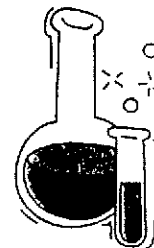
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Surface Water  
Sample Date: 13-Jun-08  
Sample Time: 11:05  
Sampled By: client  
Received By: MN  
Date Received: 13-Jun-08  
Time Received: 12:41

Parameter	Result	Units	Method	Analyzed
<b>058-0604-SW3</b>				
MTBE	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Benzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Ethylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Isopropylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Toluene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Naphthalene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
Xylenes (total)	< 15.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,2-Dichloroethane	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 5030B/ 8260B	24-Jun-08
1,2-Dibromoethane	< 0.01	ug/L	EPA 504.1	19-Jun-08
Lead (dissolved)	< 5.0	ug/L	EPA 7421	25-Jun-08
Hardness	58	mg/L	SM <sub>20</sub> 2340 C	13-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965



**CHAIN OF CUSTODY**

**Special Requirements**

PA DEF ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH NORMAL

PROJECT: **2827058**

**Location**

**Sample Description**

058-0604-SL1  
 058-0604-SL2  
 058-0604-SL3

Date Sampled  
 Time Sampled

6/12/08 1030  
 6/12/08 1045  
 6/12/08 1105

**Matrix**

# of Cont / Size

\* P-RSV / Cont Type

Grab / Composite

Unlabeled

Labels

Labels

Labels

**Quantum ID**

010-061308  
 011-  
 012- ↓

**ANALYSIS TO BE PERFORMED**

**INVOICE #**

PO # -

O - Other

AG - Amber Glass

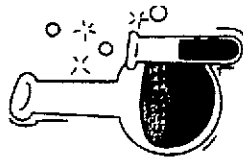
CG - Glass

P - Plastic

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593



DW - Drinking Water  
 GW - Ground Water  
 SW - Surface Water  
 WW - Waste Water

SL - Sludge  
 SO - Soil  
 HZ - Hazardous  
 Other

Phone: (570) 489-6964 Fax: (570) 489-6965

Page 1

Report to: **Pennsylvania Technology Inc**

**826 MAIN ST**

**PECUNUE PA 18452**

Contact: **M. GILGALLON**

Phone: **487.1959** Fax: **487.1961**

Bill to: **Pennsylvania Technology Inc**

**826 MAIN ST**

**PECUNUE PA 18452**

Comments: \* (4) 40 ml vials HCL  
 Plastic Non Pressure  
 Plastic Nitrite / Free Field

Sampler: **M. Gilgallon** Shipped Hand Delivered

Relinquished By: \_\_\_\_\_ Date: **6/13/08** Time: **1240**

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Received By: **Mandy Nargo** Date: **6/13/08** Time: **1241**

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



# ANALYTICAL LABORATORY SERVICES, INC.

www.analyticallab.com

NELAP Accredited  
PA 22-293 NJ PA010



34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

## CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. (INSTRUCTIONS ON THE BACK)

Page 3 of 3  
Counter: FED EX  
Tracking #: 3699 888 6 7140

97899433

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: Pennsylvania Technics, Incorporated Phone: 570.487.859  
Contact (Project): Marvin Gibbillion  
Address: 826 MAIN STREET  
Reckville PA 18452

Bill to (if different than Project to):  
PO#: 27058

Project Name/ID: Lewis Brothers Property ALSI Quote #:  
TAT:  Normal-Standard TAT is 15-12 business days. Date Required:  
 Rush-Subject to ALSI approval and surcharges. Approved By:

Email?  Y  N patrick@ptechnics.com  
Fax?  Y  N No.: 570.487.1961

Container No.	Container Type	Container Size	Preservative	Matrix	G or C	Sample Date	Military Time	COC Comments	Enter Number of Containers Per Analysis		Custody seals Present?	COC Labels completed/containers?	Rechecked on lot?	Corrected preservation?	Headspace/Volatiles?	Correct containers?	Correct sample volume?	Container in good condition?
									Standard	Non-Standard								
	CG	4mL	HCl	Unaged G-001-M	G	4.6.09 0716	6:54	Z										
				(Paper MATCH 18, COOL CLSY)	G	4.6.09 0729	6:54	Z										
					G	4.6.09 0736	6:54	Z										

Receipt Information  
Received by: [Signature]  
Cooler Temp: 30  
Therm. ID: 51023569  
No. of Coolers:  
Notes:

ALSIS FIELD SERVICES	Policy	Other:
	Labor	
	Composite Sampling	
	Rental Equipment	

SAMPLED BY (Please Print):	Relinquished By / Company Name	Date		Time		Received By / Company Name	Date	Time
		LOGGED BY/Signature:	REVIEWED BY/Signature:	Time	Time			
<u>Kevin Lucora</u>		<u>[Signature]</u>	<u>[Signature]</u>	4:00	0700	<u>[Signature]</u>	4-7-09	0900
							4-7-09	0900
							4-7-09	0900
							4-7-09	0900
							4-7-09	0900

COPIES: WHITE - ORIGINAL, CANARY - CUSTOMER COPY  
\*G-Grab, C-Composite  
\*\*Matrix A=Air, DM=Drinking Water, GW=Groundwater, Oh-Oil, O=Other Liquid, S=Sludge, SO=Soil, WP=Water, WW=Wastewater  
\*\*\*Container Type: AG-Ambor Glass, CG-Char Glass, PL-Plastic, Container Size: 20ml, 50ml, 1L, 5L, etc. Preservative: HCl, HNO3, HClO4, etc.

Surface Water Sampling Analytical Data Sheets

April 6, 2009



## Certificate of Analysis

Project Name:	<b>LEWIS BROTHERS - PA SITE</b>	Workorder:	<b>9783633</b>
Purchase Order:	<b>27058</b>	Workorder ID:	<b>LEWIS BROTHERS - PA SITE</b>

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

April 21, 2009

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Wednesday, April 08, 2009

ALSI is a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAC.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAC accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9783633 LEWIS BROTHERS - PA SITE

Lab ID: 9783633016  
Sample ID: TRIP BLANK

Date Collected: 4/8/2009 09:25  
Date Received: 4/8/2009 09:25

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		4/16/09 07:38	JAH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 07:38	JAH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 07:38	JAH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		4/16/09 07:38	JAH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		4/16/09 07:38	JAH	A
Toluene	ND		ug/L	1.0	SW846 8260B		4/16/09 07:38	JAH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		4/16/09 07:38	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 07:38	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 07:38	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62-133	SW846 8260B		4/16/09 07:38	JAH	A
4-Bromofluorobenzene (S)	94.1		%	79-114	SW846 8260B		4/16/09 07:38	JAH	A
Dibromofluoromethane (S)	96.6		%	78-116	SW846 8260B		4/16/09 07:38	JAH	A
Toluene-d8 (S)	99.7		%	76-127	SW846 8260B		4/16/09 07:38	JAH	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9783633 LEWIS BROTHERS - PA SITE

Lab ID: 9783633017  
Sample ID: 058.0406.SW1

Date Collected: 4/6/2009 07:16  
Date Received: 4/8/2009 09:25

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		4/16/09 09:41	JAH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 09:41	JAH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 09:41	JAH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		4/16/09 09:41	JAH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		4/16/09 09:41	JAH	A
Toluene	ND		ug/L	1.0	SW846 8260B		4/16/09 09:41	JAH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		4/16/09 09:41	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 09:41	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 09:41	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62-133	SW846 8260B		4/16/09 09:41	JAH	A
4-Bromofluorobenzene (S)	94.8		%	79-114	SW846 8260B		4/16/09 09:41	JAH	A
Dibromofluoromethane (S)	98.7		%	78-116	SW846 8260B		4/16/09 09:41	JAH	A
Toluene-d8 (S)	100		%	76-127	SW846 8260B		4/16/09 09:41	JAH	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9783633 LEWIS BROTHERS - PA SITE

Lab ID: 9783633018  
Sample ID: 058.0406.SW2

Date Collected: 4/6/2009 07:29  
Date Received: 4/8/2009 09:25

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:12	JAH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:12	JAH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:12	JAH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		4/16/09 10:12	JAH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		4/16/09 10:12	JAH	A
Toluene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:12	JAH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		4/16/09 10:12	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:12	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:12	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62-133	SW846 8260B		4/16/09 10:12	JAH	A
4-Bromofluorobenzene (S)	90.7		%	79-114	SW846 8260B		4/16/09 10:12	JAH	A
Dibromofluoromethane (S)	96.1		%	78-116	SW846 8260B		4/16/09 10:12	JAH	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		4/16/09 10:12	JAH	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9783633 LEWIS BROTHERS - PA SITE

Lab ID: 9783633019  
Sample ID: 058.0406.SW3

Date Collected: 4/6/2009 07:36  
Date Received: 4/8/2009 09:25

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:43	JAH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:43	JAH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:43	JAH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		4/16/09 10:43	JAH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		4/16/09 10:43	JAH	A
Toluene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:43	JAH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		4/16/09 10:43	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:43	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/16/09 10:43	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	109		%	62-133	SW846 8260B		4/16/09 10:43	JAH	A
4-Bromofluorobenzene (S)	96		%	79-114	SW846 8260B		4/16/09 10:43	JAH	A
Dibromofluoromethane (S)	98.7		%	78-116	SW846 8260B		4/16/09 10:43	JAH	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		4/16/09 10:43	JAH	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



# ANALYTICAL LABORATORY SERVICES, INC.

www.analyticallab.com

NELAP Accredited  
PA 22-293 NJ PA010



34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. (INSTRUCTIONS ON THE BACK)

Page 3 of 3  
Counter: PED EX  
Tracking #: 3699 888 6 7140

97889433

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **Pennsylvania Technicals, Incorporated** Phone: 570.487.8599  
Contact (Project): **Martin G. Ballou**  
Address: **826 MAIN STREET  
RECKVILLE PA 18452**

Bill to (if different than Project to): **PO#: 27058**

Project Name/ID: **Lewis Brothers Property ALSI Quote #:**  
TAT:  Normal-Standard TAT is 15-12 business days. Date Required:  
 Rush-Subject to ALSI approval and surcharges. Approved By:

Email?  Y  N **patrick@pctechs.com**  
Fax?  Y  N No. **570.487.1961**

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time
1 058.0406.5w1		4.6.09	0716
2 058.0406.5w2		4.6.09	0729
3 058.0406.5w3		4.6.09	0736
4			
5			
6			
7			
8			

SAMPLED BY (Please Print): **Kevin Lucora**

Relinquished By / Company Name: **Kevin Lucora**

Date: **4.7.09** Time: **0700**

Date: **4.7.09** Time: **0900**

Date: **4.7.09** Time: **0705**

LOGGED BY (Signature): *[Signature]*

REVIEWED BY (Signature): *[Signature]*

Date: **4.7.09** Time: **1530**

Date: **4.7.09** Time: **0700**

Date: **4.7.09** Time: **0705**

### ANALYSES/METHODS REQUESTED

Container Type	Container Size	Preservative	Enter Number of Containers Per Analysis
CG	4mL	HCl	6
(PAPER MATCH 18, COOL 1.5Y)			
UNGRADED GROUND			
G or C	MATRIX		

Receipt Information  
Invoiced by: *[Signature]*  
Cooler Temp: **30**  
Therm. ID: **51022509**  
No. of Coolers:  
Notes:

Correct containers?	Correct sample volume?	Refracted on lot?	COC labels completed/accurate?	Container in good condition?
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

ALSI FIELD SERVICES  
 Policy  
 Labor  
 Composite Sampling  
 Rental Equipment  
 Other:

Standard	Standard	Standard	Standard	Other
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SRM Form No.	SRM Collected in?
<input type="checkbox"/>	<input type="checkbox"/>

Surface Water Sampling Analytical Data Sheets

March 8, 2010



## Certificate of Analysis

Project Name: **27058**

Workorder: **9835157**

Purchase Order:

Workorder ID: **27058**

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

March 29, 2010

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, March 12, 2010

ALSI is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9835157 27058

Lab ID: 9835157005  
Sample ID: 0528-0308-SW1

Date Collected: 3/8/2010 08:45  
Date Received: 3/12/2010 19:06

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/16/10 13:41	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/16/10 13:41	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/16/10 13:41	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/16/10 13:41	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/16/10 13:41	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/16/10 13:41	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/16/10 13:41	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/16/10 13:41	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/16/10 13:41	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62-133	SW846 8260B		3/16/10 13:41	MES	A
4-Bromofluorobenzene (S)	88.4		%	79-114	SW846 8260B		3/16/10 13:41	MES	A
Dibromofluoromethane (S)	91.4		%	78-116	SW846 8260B		3/16/10 13:41	MES	A
Toluene-d8 (S)	87.5		%	76-127	SW846 8260B		3/16/10 13:41	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9835157 27058

Lab ID: 9835157006  
Sample ID: 0528-0308-SW2

Date Collected: 3/8/2010 08:51  
Date Received: 3/12/2010 19:06

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/16/10 19:57	ECR	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/16/10 19:57	ECR	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/16/10 19:57	ECR	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/16/10 19:57	ECR	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/16/10 19:57	ECR	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/16/10 19:57	ECR	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/16/10 19:57	ECR	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/16/10 19:57	ECR	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/16/10 19:57	ECR	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	97.9		%	62-133	SW846 8260B		3/16/10 19:57	ECR	A
4-Bromofluorobenzene (S)	87.1		%	79-114	SW846 8260B		3/16/10 19:57	ECR	A
Dibromofluoromethane (S)	92.7		%	78-116	SW846 8260B		3/16/10 19:57	ECR	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		3/16/10 19:57	ECR	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





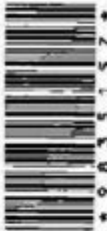
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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430



Page 1 of 2  
Certificate Tracking #: 9035157\*

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
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Co. Name: PENNSYLVANIA TECTONICS, INC  
Contact (request): MARTIN GILGALLON Phone: 487-1959  
Address: 820 MAIN STREET  
PERRYVILLE PA 18452

Bill to (if different than Report to): PO#:

Project Name#: Lewis Brothers/2705BALS1 Quote #:

TAT:  Items-Standard TAT is 10-12 business days. Data Reported:  
 Risk-Subject to ALS approval and surcharge. Approved By:

Email#:  [patectonics@hotmail.com](mailto:patectonics@hotmail.com)

Sample Description/Location <small>(as it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time	Container Type	Container Size	Preservative	ANALYSIS METHOD REQUESTED	Enter Number of Containers Per Analysis	Standard	CLP-File	NI-Reduced	NI-Full	Other	SWM Form No.	State Samples Collected by	NO	MI	NY	PA	ALS FIELD SERVICES	
1 058 0308 MW25		38 10 1459	6:54	GG	40ml	HCl		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							<input type="checkbox"/> Photo <input type="checkbox"/> Label <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Partial Equipment <input type="checkbox"/> Other	
2 058 0308 MW35		38 10 1428	6:54	GG	40ml	HCl		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
3 058 0308 OW1		38 10 1212	6:54	GG	40ml	HCl		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
4 058 0308 OW4		38 10 1140	6:54	GG	40ml	HCl		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
5 058 0308 SW1		38 10 0845	6:54	GG	40ml	HCl		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
6 058 0308 SW2		38 10 0851	6:54	GG	40ml	HCl		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
7 058 0308 SW3		38 10 0850	6:54	GG	40ml	HCl		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
8 058 0308 MW15		38 10 1549	6:54	GG	40ml	HCl		2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
SAMPLED BY (Please Print): Kevin Gaura		LOGGED BY (Signature): <i>[Signature]</i>		REVIEWED BY (Signature): <i>[Signature]</i>		DATE/TIME: 3/12/10 06:30		DATE/TIME: 3/12/10 06:30		DATE/TIME: 3/12/10 07:41		DATE/TIME: 3/12/10 07:41		DATE/TIME: 3/12/10 07:41		DATE/TIME: 3/12/10 07:41		DATE/TIME: 3/12/10 07:41		DATE/TIME: 3/12/10 07:41	
Relinquished By / Company Name: <i>[Signature]</i>		Received By / Company Name: <i>[Signature]</i>		Date: 3/12/10		Time: 06:30		Date: 3/12/10		Time: 06:30		Date: 3/12/10		Time: 07:41		Date: 3/12/10		Time: 07:41		Date: 3/12/10	
Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>	

Surface Water Sampling Analytical Data Sheets

September 27, 2011

October 12, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>9929334</b>
Purchase Order:	Workorder ID: <b>27058</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, September 29, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Technical Manager

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Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay  
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**ANALYTICAL RESULTS**

Workorder: 9929334 27058

Lab ID: 9929334028

Sample ID: 0258-0926-SW1

Date Collected: 9/27/2011 08:12

Matrix: Water

Date Received: 9/29/2011 16:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/11 20:31	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 20:31	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 20:31	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/11 20:31	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/11 20:31	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/11 20:31	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/11 20:31	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 20:31	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 20:31	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		10/9/11 20:31	DD	A
4-Bromofluorobenzene (S)	84.1		%	79-114	SW846 8260B		10/9/11 20:31	DD	A
Dibromofluoromethane (S)	103		%	78-116	SW846 8260B		10/9/11 20:31	DD	A
Toluene-d8 (S)	108		%	76-127	SW846 8260B		10/9/11 20:31	DD	A

**Sample Comments:**


Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9929334 27058

Lab ID: **9929334029**  
Sample ID: **0258-0926-SW2**

Date Collected: 9/27/2011 08:09  
Date Received: 9/29/2011 16:10

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:04	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:04	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:04	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/11 21:04	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/11 21:04	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:04	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/11 21:04	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:04	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:04	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		10/9/11 21:04	DD	A
4-Bromofluorobenzene (S)	86.4		%	79-114	SW846 8260B		10/9/11 21:04	DD	A
Dibromofluoromethane (S)	102		%	78-116	SW846 8260B		10/9/11 21:04	DD	A
Toluene-d8 (S)	109		%	76-127	SW846 8260B		10/9/11 21:04	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9929334 27058

Lab ID: **9929334030**  
Sample ID: **0258-0926-SW3**

Date Collected: 9/27/2011 08:03  
Date Received: 9/29/2011 16:10

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:36	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:36	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:36	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/11 21:36	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/11 21:36	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:36	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/11 21:36	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:36	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/11 21:36	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		10/9/11 21:36	DD	A
4-Bromofluorobenzene (S)	85.6		%	79-114	SW846 8260B		10/9/11 21:36	DD	A
Dibromofluoromethane (S)	104		%	78-116	SW846 8260B		10/9/11 21:36	DD	A
Toluene-d8 (S)	112		%	76-127	SW846 8260B		10/9/11 21:36	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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Page 11 of 5  
 Order: **FED-EX ALS**  
 Tracking #: **8755-4939-4817**  
**9929334**

**CHAIN OF CUSTODY!**  
**REQUEST FOR ANALYSIS**  
UNSHADED AREAS MUST BE COMPLETED BY CLIENT - SAMPLER (INSTRUCTIONS ON THE BACK)

Co. Name: **PENNSYLVANIA TECTONICS INC** Phone: **570-487-1959**  
 Contact Person: **MARTIN GILGALLON**  
 Address: **826 MAIN STREET PECKVILLE PA 18452**

Ship to: 34 Dogwood Lane ■ Middletown, PA 17057 ■ Tel: 944-5541 ■ Fax: 717-944-1430

Project Name#: **27058** ALS Quote #: **27058**  
 Bill to: (if different than Project to) **PO#:**  
 Bill to: (if different than Project to) **PO#:**

Normal Standard IAT is 10 business days.  
 Rush Subject to ALS approval and surcharge.

Email: **PTTECTONICS@HOTMAIL.COM**  
 Fax: **570-487-1959**

Sample Description/Location	COG Comments	Sample Date	Military Time
1 058-0926-MW11d		9/27/11	1409
2 058-0926-MW12d		9/27/11	1523
3 058-0926-MW13d		9/27/11	1055
4 058-0926-SW1		9/27/11	0812
5 058-0926-SW2		9/27/11	0809
6 058-0926-SW3		9/27/11	0803
7 058-0926-FB1		9/26/11	1550
8 058-0926-FB2		9/27/11	1550

Container Type	Container Size	Preservative	Enter Number of Containers Per Analysis
CG	4000L	None	2
CG	4000L	None	2
CG	4000L	None	2
CG	4000L	None	2
CG	4000L	None	2
CG	4000L	None	2
CG	4000L	None	2

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
<i>[Signature]</i>	9/27/11	1003	<i>[Signature]</i>	9/27/11	1003
<i>[Signature]</i>	9/27/11	1110	<i>[Signature]</i>	9/27/11	1110

Container in good condition?  Yes  No

CO2/carbonate completely evacuated?  Yes  No

Received on next?  Yes  No

(If present) Seals intact?  Yes  No

Correct sample volume?  Yes  No

Correct container?  Yes  No

Headspace/Volume?  Yes  No

Circle appropriate Y or N.

Notes: **UNLINED GASOLINE**

ALS FIELD SERVICES:  
 Pickup  Lab  Sample Sampling  Rental Equipment  Drive

Standard:  C.P. like  M. Reduced  N.F. Oil

SYN:  M  R  NY  PA

LOGGED BY (Signature): *[Signature]* 9/27/11 1003  
 REVIEWED BY (Signature): *[Signature]*

COG: **CG**  
 Container Size: **4000L**  
 Preservative: **None**

COG Circle Required?  Yes  No

COG: **CG**

COG Circle Required?  Yes  No

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Surface Water Sampling Analytical Data Sheets

November 9, 2011



November 25, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9937204</b>
Purchase Order:	Workorder ID: <b>27058 Lewis Bros</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Saturday, November 12, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*



Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937204 27058 Lewis Bros

Lab ID: **9937204031**  
Sample ID: **058-1109-SW1**

Date Collected: 11/9/2011 09:32  
Date Received: 11/12/2011 09:10

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:32	CPK	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:32	CPK	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:32	CPK	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/20/11 17:32	CPK	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/20/11 17:32	CPK	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:32	CPK	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/20/11 17:32	CPK	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:32	CPK	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:32	CPK	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	92.2		%	62-133	SW846 8260B		11/20/11 17:32	CPK	A
4-Bromofluorobenzene (S)	92.2		%	79-114	SW846 8260B		11/20/11 17:32	CPK	A
Dibromofluoromethane (S)	89.3		%	78-116	SW846 8260B		11/20/11 17:32	CPK	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		11/20/11 17:32	CPK	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937204 27058 Lewis Bros

Lab ID: **9937204032**  
Sample ID: **058-1109-SW2**

Date Collected: 11/9/2011 09:36  
Date Received: 11/12/2011 09:10

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:54	CPK	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:54	CPK	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:54	CPK	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/20/11 17:54	CPK	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/20/11 17:54	CPK	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:54	CPK	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/20/11 17:54	CPK	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:54	CPK	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 17:54	CPK	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	94.9		%	62-133	SW846 8260B		11/20/11 17:54	CPK	A
4-Bromofluorobenzene (S)	91.5		%	79-114	SW846 8260B		11/20/11 17:54	CPK	A
Dibromofluoromethane (S)	88.7		%	78-116	SW846 8260B		11/20/11 17:54	CPK	A
Toluene-d8 (S)	98.6		%	76-127	SW846 8260B		11/20/11 17:54	CPK	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937204 27058 Lewis Bros

 Lab ID: **9937204033**  
 Sample ID: **058-1109-SW3**

 Date Collected: 11/9/2011 09:40  
 Date Received: 11/12/2011 09:10

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/20/11 18:16	CPK	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 18:16	CPK	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 18:16	CPK	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/20/11 18:16	CPK	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/20/11 18:16	CPK	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/20/11 18:16	CPK	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/20/11 18:16	CPK	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 18:16	CPK	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/20/11 18:16	CPK	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98.7		%	62-133	SW846 8260B		11/20/11 18:16	CPK	A
4-Bromofluorobenzene (S)	93.1		%	79-114	SW846 8260B		11/20/11 18:16	CPK	A
Dibromofluoromethane (S)	95.3		%	78-116	SW846 8260B		11/20/11 18:16	CPK	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		11/20/11 18:16	CPK	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ALS Environmental**  
 Ship to: 34 Dogwood Lane, Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

**Co. Name: PENNSYLVANIA TECTONICS INC**  
**Contact (Person): MARTIN GILGALLON** Phone: 576-487-1959  
**Address: 826 MAIN STREET**  
**PECKVILLE PA 18452**

Bill to (if different than report to):  
**PO#: \_\_\_\_\_**

**Project Name: 21058 Lewis Bros** ALS Quote #: \_\_\_\_\_  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Y/N:  Home/Standard TAT (1-10 business days)  
 Rush-Subject to ALS approval and surcharge.

Email?  Y  N  
 Fax?  Y  N  
 No. \_\_\_\_\_

**CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS**  
 ALL SAMPLES MUST BE COLLECTED BY THE COMPANY  
 SAUNTER. INSTRUCTIONS ON THE BACK

Page 4 of 5  
 Count: **EXP-EX**  
 Tracking #: **8767-0492-74-82**

Container Type: **CG**  
 Container Size: **400L**  
 Preservative: **HCl**

**ANALYSES METHOD REQUESTED**

**ENTER NUMBER OF CONTAINERS PER ANALYSIS**

Sample No.	Sample Description/Location (as full as possible)	Container	Volume	Matrix	Sample Date	Military Time	COG Comments	Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1	058-1109-mw11d	CG	2	UNLEADED GASOLINE	11-9-11	1401		<i>[Signature]</i>	11/11/11	1300	<i>[Signature]</i>	11/11/11	1300
2	058-1109-mw12d	CG	2		11-9-11	1133							
3	058-1109-mw13d	CG	2		11-9-11	1026							
4	058-1109-FB1	DI	2		11-9-11	1500							
5	058-1109-FB2	DI	2		11-10-11	1200							
6	058-1109-FB3	DI	2		11-10-11	1630							
7	058-1109-Sw1	SW	2		11-9-11	0932							
8	058-1109-Sw2	SW	2		11-9-11	0936							

**SAMPLED BY (Please Print):** *[Signature]*  
**LOGGED BY (Signature):** *[Signature]* 11/14/11  
**REVIEWED BY (Signature):** *[Signature]*

**Receipt Information**  
 Corrected containers?  Y  N  
 Correct sample volume?  Y  N  
 Received on lot?  Y  N  
 Labels complete/correct?  Y  N  
 Containers in good condition?  Y  N

**ALS FIELD SERVICES**  
 Custody seals present?  Y  N  
 If present, Seal intact?  Y  N  
 Received on lot?  Y  N  
 Labels complete/correct?  Y  N  
 Containers in good condition?  Y  N

**ALS FIELD SERVICES**  
 Pick-up   
 Labor   
 Company Sampling   
 Rental Equipment   
 Other

**State Sample Collection**  
 SWA   
 Forensic   
 Standard   
 CLP-like   
 NI-Required   
 NI-Fill   
 If yes, format type:

**DOCS DERIVED FROM**  
 EDS   
 900 Criteria Required?

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34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010, NY 11759, PA 22-293 DoD ELAP: A2LA 0818.01  
 State Certifications: CT PH-0224, DE ID 11, GA 914, MA PA0102, MD 128, LA 04162, VA 421, WY EPA Region 8, WV 343

Page 5 of 5  
 Counter: **FB-EX**  
 Tracking #: **8767-0498-7643**  
**9987509**

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

**ALL SAMPLES MUST BE COLLECTED BY REQUESTOR  
 FOLLOWING INSTRUCTIONS ON THE BAGS**

**ALS Environmental**  
 34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

**Co Name:** Pennsylvania Tetrosis  
**Contact (person):** MARTIN GILGATON  
**Address:** 826 MAIN STREET  
 PECTWILE PA 18552  
**Phone:** 570.487.1939

**Bill to (if different than Requestor):** PO#:

**Project Name/ID:** 2-905B Lewis Bros  
**ALS Quote #:**  
 Normal/Standard TAT is 10 business days.  
 Rush Subject to ALS approval and surcharges.  
**Approved By:**

**Email:**  petrosis@chemlab.com  
**Fax:**  717.944.1430

**Receipt Information**

Received by: ALS

Container No. CG

Volume 40ml

Preservative HCL

Thermo ID: TH885

Circle appropriate Y or N

Corrected containers?	Y
Correct sample volumes?	Y
Correct preservation?	Y
Received on ice?	Y
CCO labels completed/accurate?	Y
Container in good condition?	Y

Notes: 11/11/11

Enter Number of Containers Per Analysis	Sample Date		Military Time	
	Sample Date	Military Time	Sample Date	Military Time
1	05B-1109-SW3	11-9-11 0946	630	Z
2	05B-1108-0234	11-9-11 1208	630	Z
3				
4				
5				
6				
7				
8				

**ALS FIELD SERVICES**

Custody seals Present?  Y

Recup  Labor  Composites Sampling  Rental Equipment  Other

Star Sample Collected by:  MD  NJ  NY  PA

Form to:  Yes  No

Standard  CLP-8a  NJ-Reduced  NJ-FM  Other

DATA Deliverables:  ETO  Other

POD Clients Required?

SAMPLED BY (Please Print)	Date	Time	Received By / Company Name	Date	Time
<u>K. Cucura</u>	11-11-11	1300	<u>Martin Gilgatton</u>	11/09/11	1300
				11/2/11	910

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Surface Water Sampling Analytical Data Sheets

June 12, 2012

June 22, 2012

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9973124</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, June 15, 2012.

The ALS Environmental laboratory in Middletown, Pennsylvania (formerly Analytical Laboratory Services, Inc.) is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*



Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9973124 27058/Lewis Brothers

Discard Date: 07/06/2012

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9973124001	058-0612-SW1	Ground Water	6/12/12 08:00	6/15/12 19:27	Customer
9973124002	058-0612-SW2	Ground Water	6/12/12 07:55	6/15/12 19:27	Customer
9973124003	058-0612-SW3	Ground Water	6/12/12 07:50	6/15/12 19:27	Customer
9973124004	058-0612-SW4	Ground Water	6/12/12 13:18	6/15/12 19:27	Customer
9973124005	058-0612-SW5	Ground Water	6/12/12 13:26	6/15/12 19:27	Customer
9973124006	058-0612-SW6	Ground Water	6/12/12 13:36	6/15/12 19:27	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9973124 27058/Lewis Brothers

Lab ID: **9973124001**  
Sample ID: **058-0612-SW1**

Date Collected: 6/12/2012 08:00  
Date Received: 6/15/2012 19:27

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 05:37	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 05:37	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 05:37	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 05:37	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 05:37	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 05:37	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 05:37	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 05:37	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 05:37	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	114		%	62-133	SW846 8260B		6/22/12 05:37	DD	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		6/22/12 05:37	DD	A
Dibromofluoromethane (S)	110		%	78-116	SW846 8260B		6/22/12 05:37	DD	A
Toluene-d8 (S)	107		%	76-127	SW846 8260B		6/22/12 05:37	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973124 27058/Lewis Brothers

Lab ID: **9973124002**  
Sample ID: **058-0612-SW2**

Date Collected: 6/12/2012 07:55  
Date Received: 6/15/2012 19:27

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:00	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:00	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:00	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 06:00	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 06:00	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:00	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 06:00	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:00	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:00	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	114		%	62-133	SW846 8260B		6/22/12 06:00	DD	A
4-Bromofluorobenzene (S)	108		%	79-114	SW846 8260B		6/22/12 06:00	DD	A
Dibromofluoromethane (S)	111		%	78-116	SW846 8260B		6/22/12 06:00	DD	A
Toluene-d8 (S)	107		%	76-127	SW846 8260B		6/22/12 06:00	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973124 27058/Lewis Brothers

Lab ID: **9973124003**  
Sample ID: **058-0612-SW3**

Date Collected: 6/12/2012 07:50  
Date Received: 6/15/2012 19:27

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:23	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:23	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:23	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 06:23	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 06:23	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:23	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 06:23	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:23	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:23	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	114		%	62-133	SW846 8260B		6/22/12 06:23	DD	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		6/22/12 06:23	DD	A
Dibromofluoromethane (S)	109		%	78-116	SW846 8260B		6/22/12 06:23	DD	A
Toluene-d8 (S)	106		%	76-127	SW846 8260B		6/22/12 06:23	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973124 27058/Lewis Brothers

Lab ID: **9973124004**  
Sample ID: **058-0612-SW4**

Date Collected: 6/12/2012 13:18  
Date Received: 6/15/2012 19:27

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:47	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:47	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:47	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 06:47	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 06:47	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:47	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 06:47	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:47	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 06:47	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	117		%	62-133	SW846 8260B		6/22/12 06:47	DD	A
4-Bromofluorobenzene (S)	108		%	79-114	SW846 8260B		6/22/12 06:47	DD	A
Dibromofluoromethane (S)	111		%	78-116	SW846 8260B		6/22/12 06:47	DD	A
Toluene-d8 (S)	108		%	76-127	SW846 8260B		6/22/12 06:47	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973124 27058/Lewis Brothers

 Lab ID: **9973124005**  
 Sample ID: **058-0612-SW5**

 Date Collected: 6/12/2012 13:26  
 Date Received: 6/15/2012 19:27

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:10	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:10	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:10	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 07:10	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 07:10	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:10	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 07:10	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:10	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:10	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	117		%	62-133	SW846 8260B		6/22/12 07:10	DD	A
4-Bromofluorobenzene (S)	109		%	79-114	SW846 8260B		6/22/12 07:10	DD	A
Dibromofluoromethane (S)	111		%	78-116	SW846 8260B		6/22/12 07:10	DD	A
Toluene-d8 (S)	108		%	76-127	SW846 8260B		6/22/12 07:10	DD	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973124 27058/Lewis Brothers

Lab ID: **9973124006**  
Sample ID: **058-0612-SW6**

Date Collected: 6/12/2012 13:36  
Date Received: 6/15/2012 19:27

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:33	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:33	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:33	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 07:33	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 07:33	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:33	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 07:33	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:33	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 07:33	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	115		%	62-133	SW846 8260B		6/22/12 07:33	DD	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		6/22/12 07:33	DD	A
Dibromofluoromethane (S)	111		%	78-116	SW846 8260B		6/22/12 07:33	DD	A
Toluene-d8 (S)	108		%	76-127	SW846 8260B		6/22/12 07:33	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL STATES ARE SUBJECT TO THE CURRENT  
SAMPLES INSTRUCTIONS ON THE BAG

Page 1 of 1  
 Center: \_\_\_\_\_  
 Tracking #: \_\_\_\_\_

Barcode: \* 9 9 7 3 1 2 4 \*

**ALS Environmental**  
34 Dogwood Lane ■ Middletown, PA 17057 ■ 717 944-5541 ■ Fax 717 944-1430

Co. Name: Pennsylvania Technology Inc.  
 Contact (report): Martin G. Griffin  
 Address: 123 Main Street  
Archbald PA 18843

Phone: 570-487-1959

PO#: \_\_\_\_\_

Project Name#: 27058 / Lewis Brothers ALS Quote #: \_\_\_\_\_  
 TAT:  Normal Standard TAT is 10 business days. Date Required: \_\_\_\_\_  
 Rush-Subject to ALS approval and surcharges. Approved By: \_\_\_\_\_

Email?  Pa.technology@att.net  
 Fax?  \_\_\_\_\_

Sample Description/Location <small>(See Verbal report or the lab report.)</small>	CDC Comments	Sample Date	Military Time
1 <u>017-0612-Sub 1</u>		6-12-12	0700
2 <u>058-0612-Sub 2</u>		6-12-12	0755
3 <u>088-0612-Sub 3</u>		6-12-12	0750
4 <u>088-0612-Sub 4</u>		6-12-12	1518
5 <u>088-0612-Sub 5</u>		6-12-12	1242
6 <u>088-0612-Sub 6</u>		6-12-12	1330
7			
8			

**ANALYSES/METHOD REQUESTED**

Enter Number of Containers Per Analysis	Matrix	Container Type	Container Size	Remarks
2	Sub	6	40-L	Incubated Gas
2	Sub	6	40-L	
2	Sub	6	40-L	
2	Sub	6	40-L	
2	Sub	6	40-L	
2	Sub	6	40-L	
2	Sub	6	40-L	

**ALS FIELD SERVICES**

Container in good condition?  Yes  No

CO Labels complete/secure?  Yes  No

Received on ice?  Yes  No

(If present) Seals intact?  Yes  No

Custody seals Present?  Yes  No

ALS FIELD SERVICES:  
 Pickup  Labor  Composite Sampling  Rental Equipment  Other: \_\_\_\_\_

**SAMPLED BY (Please Print):** Roy Hardy / Kevin Cuenca

**LOGGED BY (Signature):** [Signature]

**REVIEWED BY (Signature):** [Signature]

Date	Time	Received By / Company Name	Date	Time
6-15-12	0705	[Signature]	6-12	0705
6-15-12	0800	[Signature]	6-12	0810
6-15-12	1628	[Signature]	6-15	1745
6-15-12	1745	[Signature]	6-15	1745
6-15-12	1927	[Signature]	6-15	1927

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Surface Water Sampling Analytical Data Sheets

June 2, 2014

June 11, 2014

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name:	<b>27058 Lewis Brothers Garage</b>	Workorder:	<b>2011044</b>
Purchase Order:		Workorder ID:	<b>27058 Lewis Brothers Garage</b>

Dear Mr. Gilgallon:

Enclosed are the analytical results for samples received by the laboratory on Friday, June 6, 2014.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

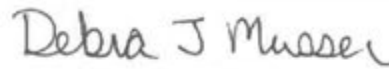
If you have any questions regarding this certificate of analysis, please contact Ms. Debra J. Musser (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Ms. Debra J. Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 2011044 27058 Lewis Brothers Garage

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2011044001	058-0602-SW1	Water	6/2/2014 16:09	6/6/2014 14:45	Collected by Client
2011044002	058-0602-SW2	Water	6/2/2014 16:05	6/6/2014 14:45	Collected by Client
2011044003	058-0602-SW3	Water	6/2/2014 16:01	6/6/2014 14:45	Collected by Client
2011044004	058-0602-SW5	Water	6/2/2014 16:18	6/6/2014 14:45	Collected by Client
2011044005	058-0602-SW6	Water	6/2/2014 16:23	6/6/2014 14:45	Collected by Client

**Notes**

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

**Standard Acronyms/Flags**

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit

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Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

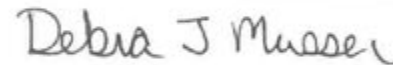
**ANALYTICAL RESULTS**

Workorder: 2011044 27058 Lewis Brothers Garage

 Lab ID: 2011044001  
 Sample ID: 058-0602-SW1

 Date Collected: 6/2/2014 16:09 Matrix: Water  
 Date Received: 6/6/2014 14:45

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
4-Bromofluorobenzene (S)	92.6		%	79 - 114	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
Dibromofluoromethane (S)	95.7		%	78 - 116	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A
Toluene-d8 (S)	100		%	76 - 127	SW846 8260B	6/11/14 CJG	6/11/14 01:52	CJG	A



 Ms. Debra J. Musser  
 Project Coordinator

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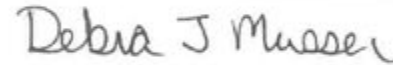
**ANALYTICAL RESULTS**

Workorder: 2011044 27058 Lewis Brothers Garage

 Lab ID: 2011044002  
 Sample ID: 058-0602-SW2

 Date Collected: 6/2/2014 16:05 Matrix: Water  
 Date Received: 6/6/2014 14:45

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62 - 133	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
4-Bromofluorobenzene (S)	94.3		%	79 - 114	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
Dibromofluoromethane (S)	97.5		%	78 - 116	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A
Toluene-d8 (S)	100		%	76 - 127	SW846 8260B	6/11/14 CJG	6/11/14 02:10	CJG	A

  
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 Project Coordinator

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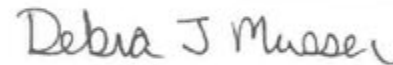
**ANALYTICAL RESULTS**

Workorder: 2011044 27058 Lewis Brothers Garage

 Lab ID: 2011044003  
 Sample ID: 058-0602-SW3

 Date Collected: 6/2/2014 16:01 Matrix: Water  
 Date Received: 6/6/2014 14:45

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62 - 133	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
4-Bromofluorobenzene (S)	93.7		%	79 - 114	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
Dibromofluoromethane (S)	96.9		%	78 - 116	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A
Toluene-d8 (S)	100		%	76 - 127	SW846 8260B	6/11/14 CJG	6/11/14 02:27	CJG	A



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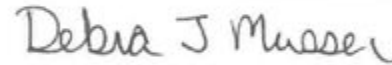
**ANALYTICAL RESULTS**

Workorder: 2011044 27058 Lewis Brothers Garage

 Lab ID: 2011044004  
 Sample ID: 058-0602-SW5

 Date Collected: 6/2/2014 16:18 Matrix: Water  
 Date Received: 6/6/2014 14:45

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62 - 133	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
4-Bromofluorobenzene (S)	92.7		%	79 - 114	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
Dibromofluoromethane (S)	96.9		%	78 - 116	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A
Toluene-d8 (S)	101		%	76 - 127	SW846 8260B	6/11/14 CJG	6/11/14 02:44	CJG	A

  
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 Project Coordinator

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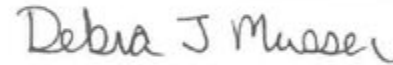
**ANALYTICAL RESULTS**

Workorder: 2011044 27058 Lewis Brothers Garage

 Lab ID: 2011044005  
 Sample ID: 058-0602-SW6

 Date Collected: 6/2/2014 16:23 Matrix: Water  
 Date Received: 6/6/2014 14:45

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
Naphthalene	ND		ug/L	2.0	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
Toluene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
4-Bromofluorobenzene (S)	93		%	79 - 114	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
Dibromofluoromethane (S)	96.5		%	78 - 116	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A
Toluene-d8 (S)	100		%	76 - 127	SW846 8260B	6/11/14 CJG	6/11/14 03:01	CJG	A

  
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 Project Coordinator

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34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430

**Environmental**

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

COC  
ALS

1 of 1

Client Name: Pennsylvania Tectonics, Inc.		Container Type: CG		
Address: 723 Main Street Archbald, PA 18403		Container Size: 40 ml		
Contact: Martin Gilgallon		Preservative: HCl		
Phone#: (570) 487-1959		ANALYSES/METHOD REQUESTED		
Project Name#: Lewis Brothers Garage / 27058				
Bill To:		Enter Number of Containers Per Sample or Field Results Below.		
TAT <input checked="" type="checkbox"/> Normal-Standard TAT is 10-12 business days. <input type="checkbox"/> Rush-Subject to ALS approval and surcharges.		Matrix		
Date Required: _____ Approved By: _____		G or C		
Email? <input checked="" type="checkbox"/> -Y pTECTONICS@hotmail.com				
Fax? <input type="checkbox"/> -Y No.:				
Sample Description/Location <small>(as it will appear on the lab report)</small>	Sample Date	Time		
1 058-0602-SW1	6/2/14	1609	G	SW
2 058-0602-SW2	6/2/14	1605	G	SW
3 058-0602-SW3	6/2/14	1601	G	SW
4 058-0602-SW5	6/2/14	1618	G	SW
5 058-0602-SW6	6/2/14	1623	G	SW
6				
7				
8				
9				
10				
Project Comments:		LOGGED BY (signature): <i>[Signature]</i> DATE: 6/15/14		
Relinquished By / Company Name		REVIEWED BY (signature): <i>[Signature]</i> DATE: 6/15/14		
1	73 Hwy / PA Tectonics	Date	Time	Received By / Company Name
3		6/5/14	1400	2 Fed Ex Ground
5				4 Midget Family ALS
7				6
9				8
				10
Cooler Temp: 60C Therm ID: TRK91		ALS Field Services: <input type="checkbox"/> Pickup <input type="checkbox"/> Labor <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment <input type="checkbox"/> Other: _____		
No. of Coolers: Y N Initial		Special Processing		
Custody Seals Present? (if present) Seals Intact? <input checked="" type="checkbox"/>		USACE <input type="checkbox"/> Navy <input type="checkbox"/>		
Received on Ice? <input type="checkbox"/>		State Samples Collected In		
COC Labels Complete/Accurate? <input type="checkbox"/>		USACE <input type="checkbox"/> NY <input type="checkbox"/> NJ <input type="checkbox"/> PA <input checked="" type="checkbox"/> NC <input type="checkbox"/>		
Cont. in Good Cond.? <input type="checkbox"/>		Sample Disposal		
Correct Containers? <input type="checkbox"/>		Lab <input type="checkbox"/> Special <input type="checkbox"/>		
Correct Sample Volumes? <input type="checkbox"/>		Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/>		
Correct Preservation? <input type="checkbox"/>		PWSID # _____		
Headspace/Volatiles? <input type="checkbox"/>		EDDS: Format Type: _____		
Courier/Tracking #: 770206934286		Sample/COC Comments		
		Unleaded Gasoline - New List		

Surface Water Sampling Analytical Data Sheets

March 30, 2016

April 8, 2016

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name:	<b>27058 Lewis Brothers Garage</b>	Workorder:	<b>2133283</b>
Purchase Order:		Workorder ID:	<b>27058 Lewis Brothers Garage</b>

Dear Mr. Gilgallon:

Enclosed are the analytical results for samples received by the laboratory on Thursday, March 31, 2016.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

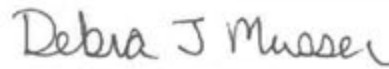
If you have any questions regarding this certificate of analysis, please contact Ms. Debra J. Musser (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

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Ms. Debra J. Musser  
Project Coordinator

### ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay  
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

### SAMPLE SUMMARY

Workorder: 2133283 27058 Lewis Brothers Garage

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2133283001	058.0330.SW1	Water	3/30/2016 10:42	3/31/2016 10:43	Collected by Client
2133283002	058.0330.SW2	Water	3/30/2016 10:38	3/31/2016 10:43	Collected by Client
2133283003	058.0330.SW3	Water	3/30/2016 10:33	3/31/2016 10:43	Collected by Client
2133283004	058.0330.SW6	Water	3/30/2016 10:20	3/31/2016 10:43	Collected by Client

**Notes**

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.

**Standard Acronyms/Flags**

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit

### ALS Environmental Laboratory Locations Across North America

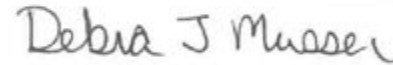
**Canada:** Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay  
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

**ANALYTICAL RESULTS**

Workorder: 2133283 27058 Lewis Brothers Garage

 Lab ID: **2133283001** Date Collected: 3/30/2016 10:42 Matrix: Water  
 Sample ID: **058.0330.SW1** Date Received: 3/31/2016 10:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/7/16 15:50	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 15:50	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 15:50	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/7/16 15:50	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/7/16 15:50	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/7/16 15:50	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/7/16 15:50	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 15:50	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 15:50	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98.5		%	62 - 133	SW846 8260B			4/7/16 15:50	TMP	A
4-Bromofluorobenzene (S)	106		%	79 - 114	SW846 8260B			4/7/16 15:50	TMP	A
Dibromofluoromethane (S)	98		%	78 - 116	SW846 8260B			4/7/16 15:50	TMP	A
Toluene-d8 (S)	103		%	76 - 127	SW846 8260B			4/7/16 15:50	TMP	A

  
 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

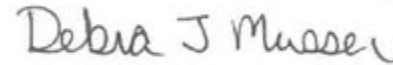
 Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay  
 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**ANALYTICAL RESULTS**

Workorder: 2133283 27058 Lewis Brothers Garage

 Lab ID: **2133283002** Date Collected: 3/30/2016 10:38 Matrix: Water  
 Sample ID: **058.0330.SW2** Date Received: 3/31/2016 10:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:07	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:07	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:07	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/7/16 16:07	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/7/16 16:07	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:07	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/7/16 16:07	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:07	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:07	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			4/7/16 16:07	TMP	A
4-Bromofluorobenzene (S)	109		%	79 - 114	SW846 8260B			4/7/16 16:07	TMP	A
Dibromofluoromethane (S)	97.8		%	78 - 116	SW846 8260B			4/7/16 16:07	TMP	A
Toluene-d8 (S)	103		%	76 - 127	SW846 8260B			4/7/16 16:07	TMP	A

  
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**ALS Environmental Laboratory Locations Across North America**

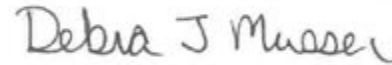
 Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay  
 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**ANALYTICAL RESULTS**

Workorder: 2133283 27058 Lewis Brothers Garage

 Lab ID: 2133283003 Date Collected: 3/30/2016 10:33 Matrix: Water  
 Sample ID: 058.0330.SW3 Date Received: 3/31/2016 10:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:24	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:24	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:24	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/7/16 16:24	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/7/16 16:24	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:24	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/7/16 16:24	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:24	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:24	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62 - 133	SW846 8260B			4/7/16 16:24	TMP	A
4-Bromofluorobenzene (S)	108		%	79 - 114	SW846 8260B			4/7/16 16:24	TMP	A
Dibromofluoromethane (S)	99.2		%	78 - 116	SW846 8260B			4/7/16 16:24	TMP	A
Toluene-d8 (S)	106		%	76 - 127	SW846 8260B			4/7/16 16:24	TMP	A

  
 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

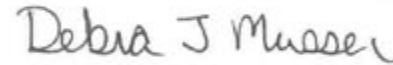
 Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay  
 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**ANALYTICAL RESULTS**

Workorder: 2133283 27058 Lewis Brothers Garage

 Lab ID: **2133283004** Date Collected: 3/30/2016 10:20 Matrix: Water  
 Sample ID: **058.0330.SW6** Date Received: 3/31/2016 10:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:41	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:41	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:41	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			4/7/16 16:41	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			4/7/16 16:41	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:41	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			4/7/16 16:41	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:41	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			4/7/16 16:41	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62 - 133	SW846 8260B			4/7/16 16:41	TMP	A
4-Bromofluorobenzene (S)	109		%	79 - 114	SW846 8260B			4/7/16 16:41	TMP	A
Dibromofluoromethane (S)	98.6		%	78 - 116	SW846 8260B			4/7/16 16:41	TMP	A
Toluene-d8 (S)	105		%	76 - 127	SW846 8260B			4/7/16 16:41	TMP	A

  
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34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 1  
Courier: Hand Delivered  
Tracking #: \_\_\_\_\_

**Environmetal**

Co. Name: PENNSYLVANIA TECTONICS INC  
Contact (Report to): MARTIN GILGALLON Phone: 610-487-1959  
Address: 723 MAIN STREET  
ARCHBALD PA 18403

Bill to (if different than Report to):

PO#:

Project Name/ID: 27058 LEWIS BROS GARAGE ALS Quote #:

TAT:  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.

Date Required:  
Approved By:

Email?  Y  N  
Fax?  Y  N  
Email: mbillgallon@patectionics.com

Sample Description/Location <small>(as it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time
1 058.0330.SV1		3.30.16	1042
2 058.0330.SV2		3.30.16	1038
3 058.0330.SV3		3.30.16	1033
4 058.0330.SV6		3.30.16	1020
5			
6			
7			
8			

SAMPLED BY (Please Print):

Jerry Luchansky

Relinquished By / Company Name

Jerry Luchansky PATECTIONICS

Project Comments:

Date

Time

3.31.16 1043

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Date

Time

Container Type: CG  
Container Size: 40mL  
Preservative: HCL

Therm. ID: AF52  
No. of Coolers: \_\_\_\_\_  
Notes: \_\_\_\_\_

Correct containers? Y N  
(if present) Seals Intact? Y N  
Correct sample volume? Y N  
Correct preservation? Y N  
Headspace/Volatility? Y N  
COC Labels complete/accurate? Y N  
Container in good condition? Y N

Enter Number of Containers Per Analysis

ANALYSES/METHOD REQUESTED

UNLEADED GASOLINE  
NEW LIST

Matrix: G  
Matrix: S  
Matrix: V  
Matrix: 6

SDMA Formed/co: yes no  
CLP-Sike: yes no  
NJ-Reduced: yes no  
NJ-Full: yes no  
If yes, format type: hex

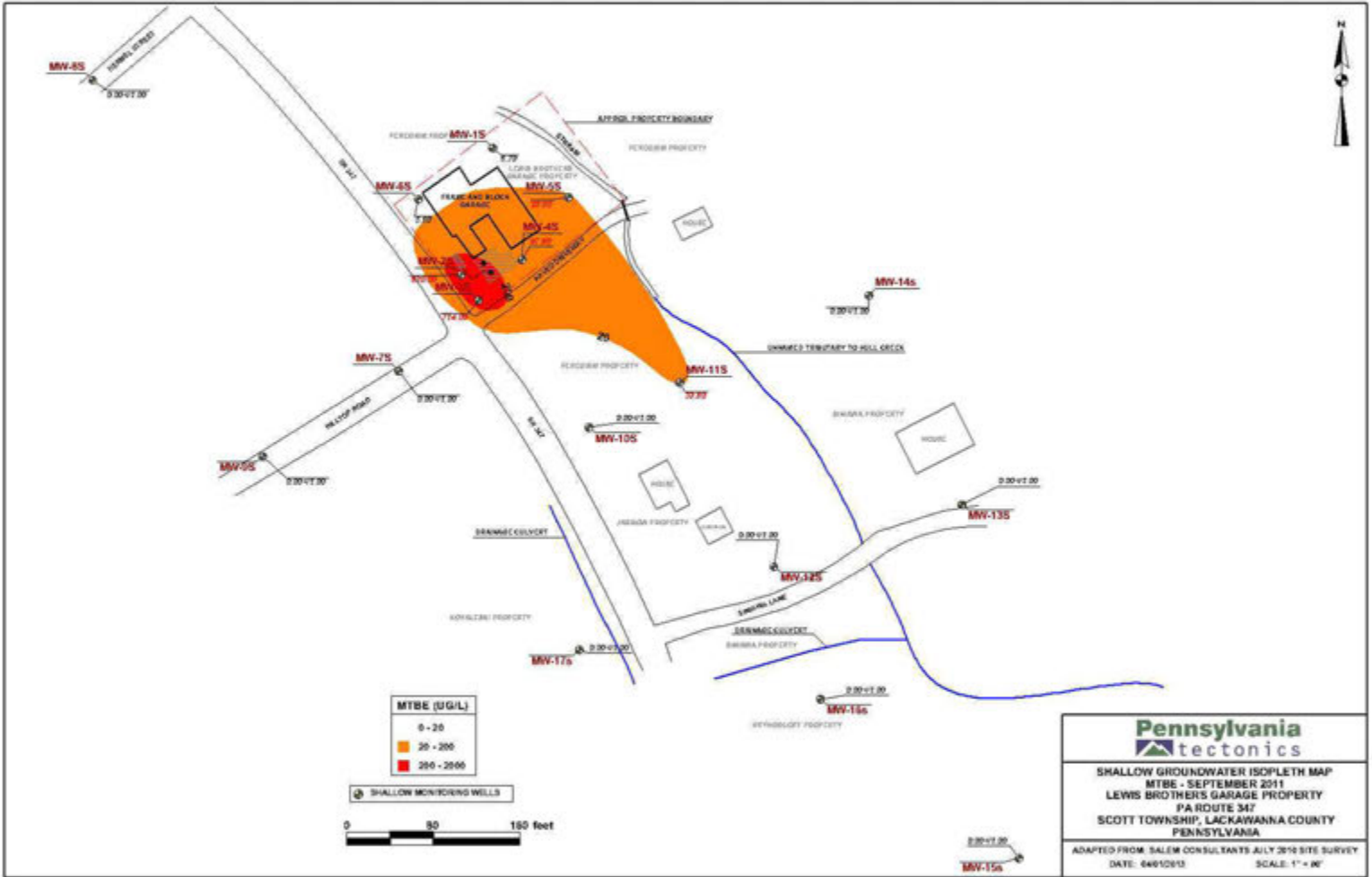
Seto Samples Collected in? MD NJ NY PA

ALS FIELD SERVICES: Pickup, Labor, Composite Sampling, Rental Equipment, Other

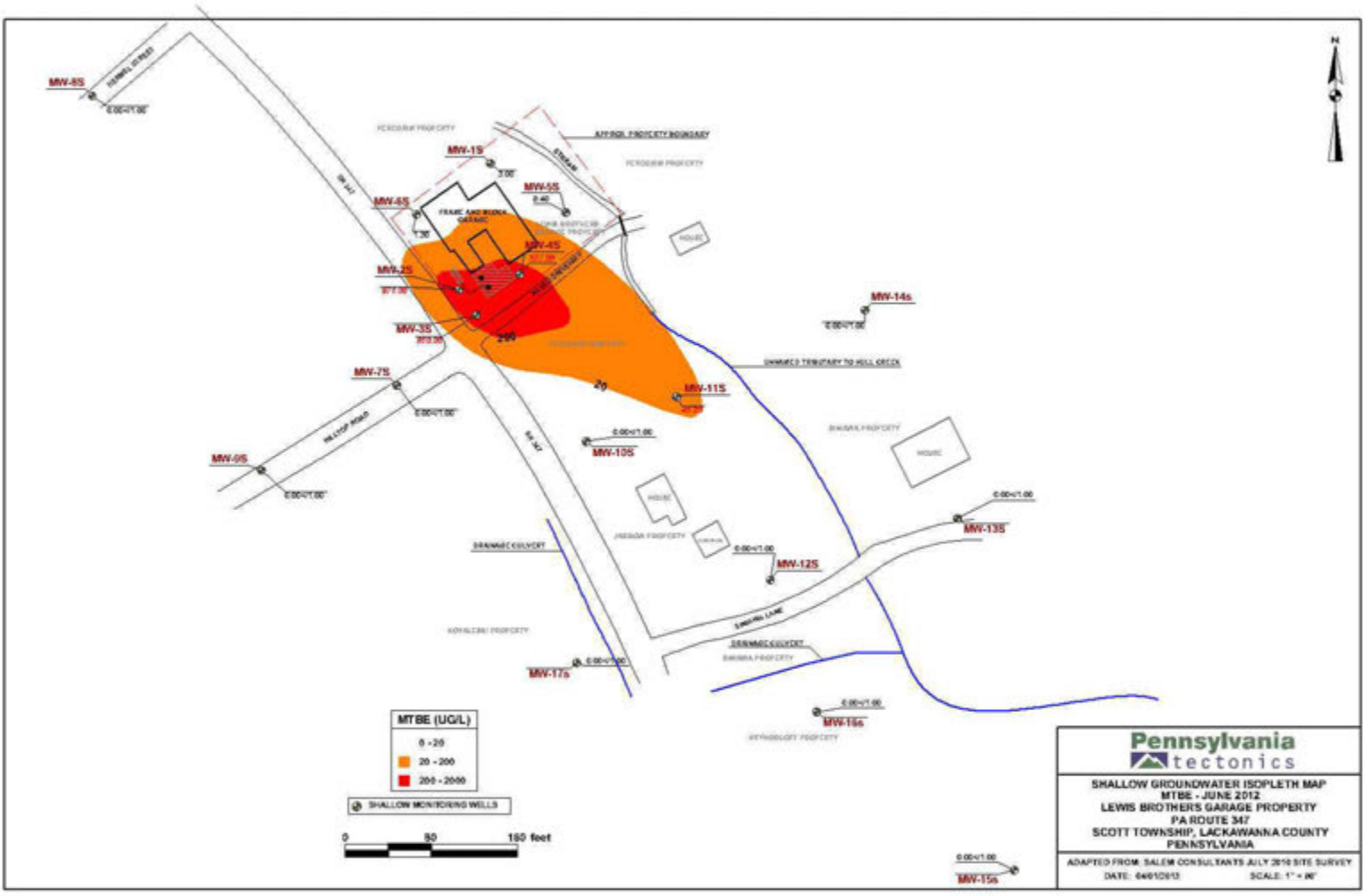
DOB Criteria Required?

APPENDIX Z

Groundwater Isopleth Maps



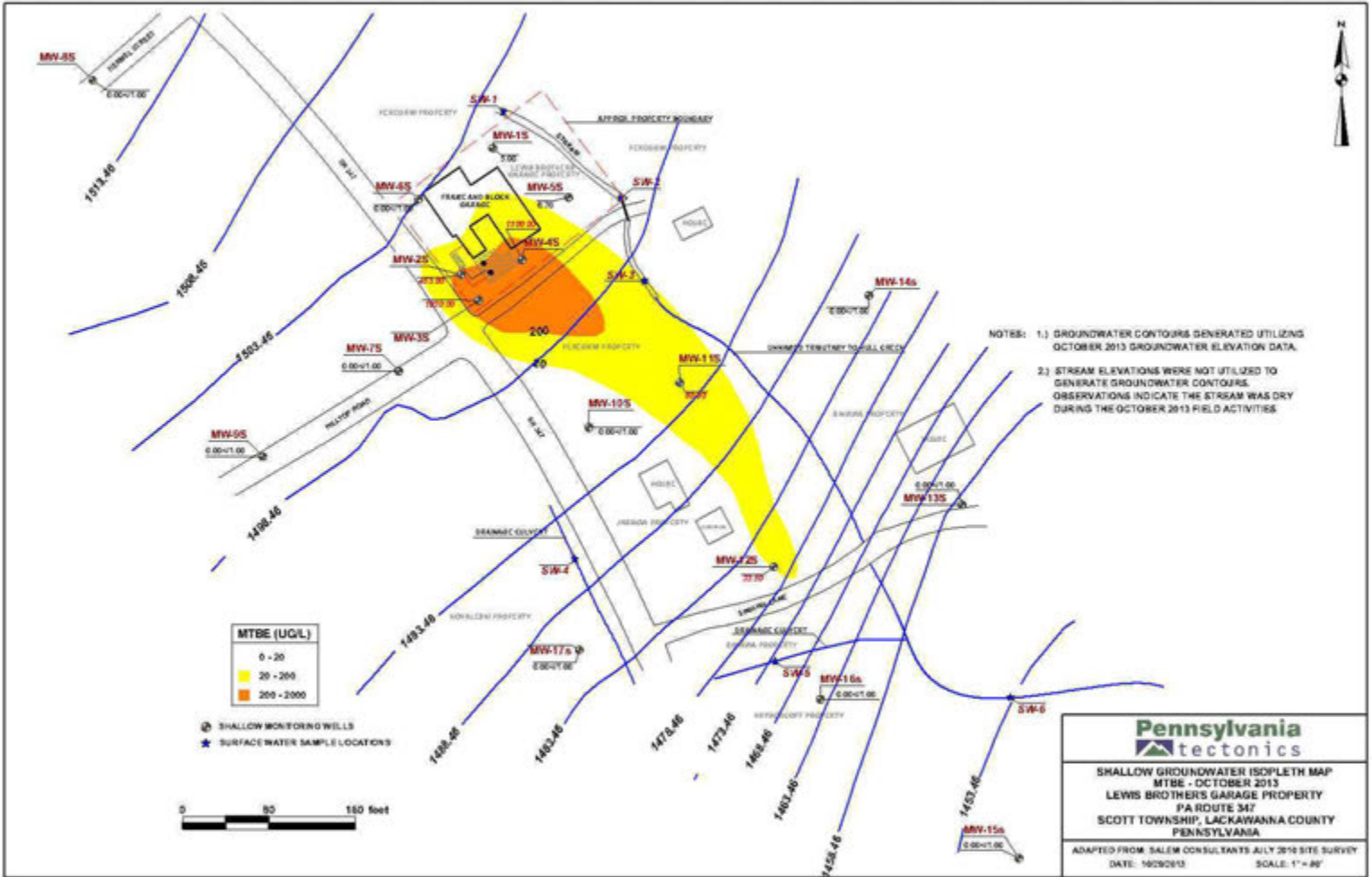


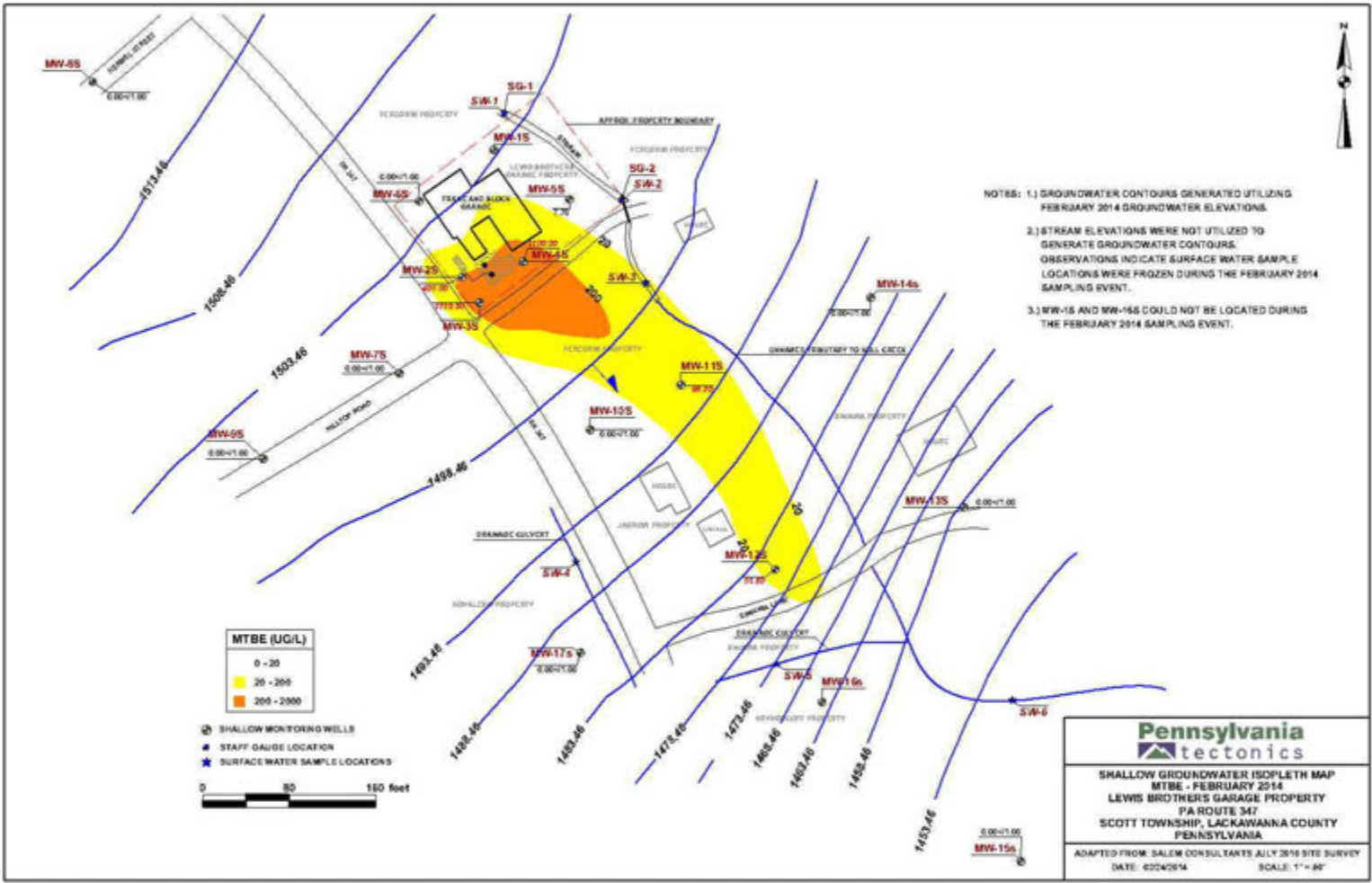


MTBE (UG/L)	
0 - 25	(White)
20 - 200	(Orange)
200 - 2000	(Red)

SHALLOW MONITORING WELLS  
 0 50 150 feet

**Pennsylvania tectonics**  
 SHALLOW GROUNDWATER ISOPLETH MAP  
 MTBE - JUNE 2012  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 347  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA  
 ADAPTED FROM SALEM CONSULTANTS JULY 2010 SITE SURVEY  
 DATE: 04/02/13 SCALE: 1" = 40'



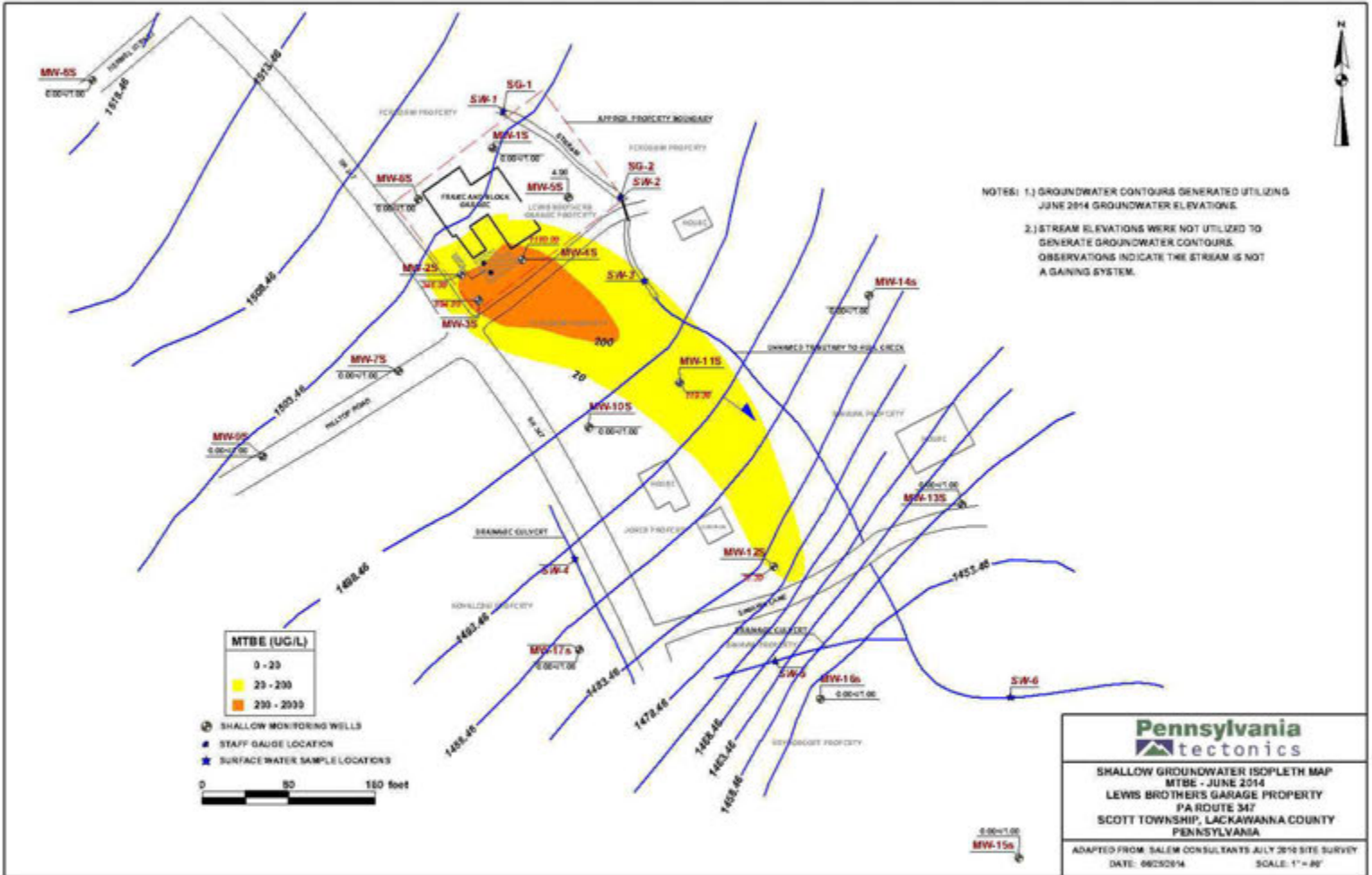


NOTES: 1.) GROUNDWATER CONTOURS GENERATED UTILIZING FEBRUARY 2014 GROUNDWATER ELEVATIONS.  
 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE SURFACE WATER SAMPLE LOCATIONS WERE FROZEN DURING THE FEBRUARY 2014 SAMPLING EVENT.  
 3.) MW-15 AND MW-145 COULD NOT BE LOCATED DURING THE FEBRUARY 2014 SAMPLING EVENT.

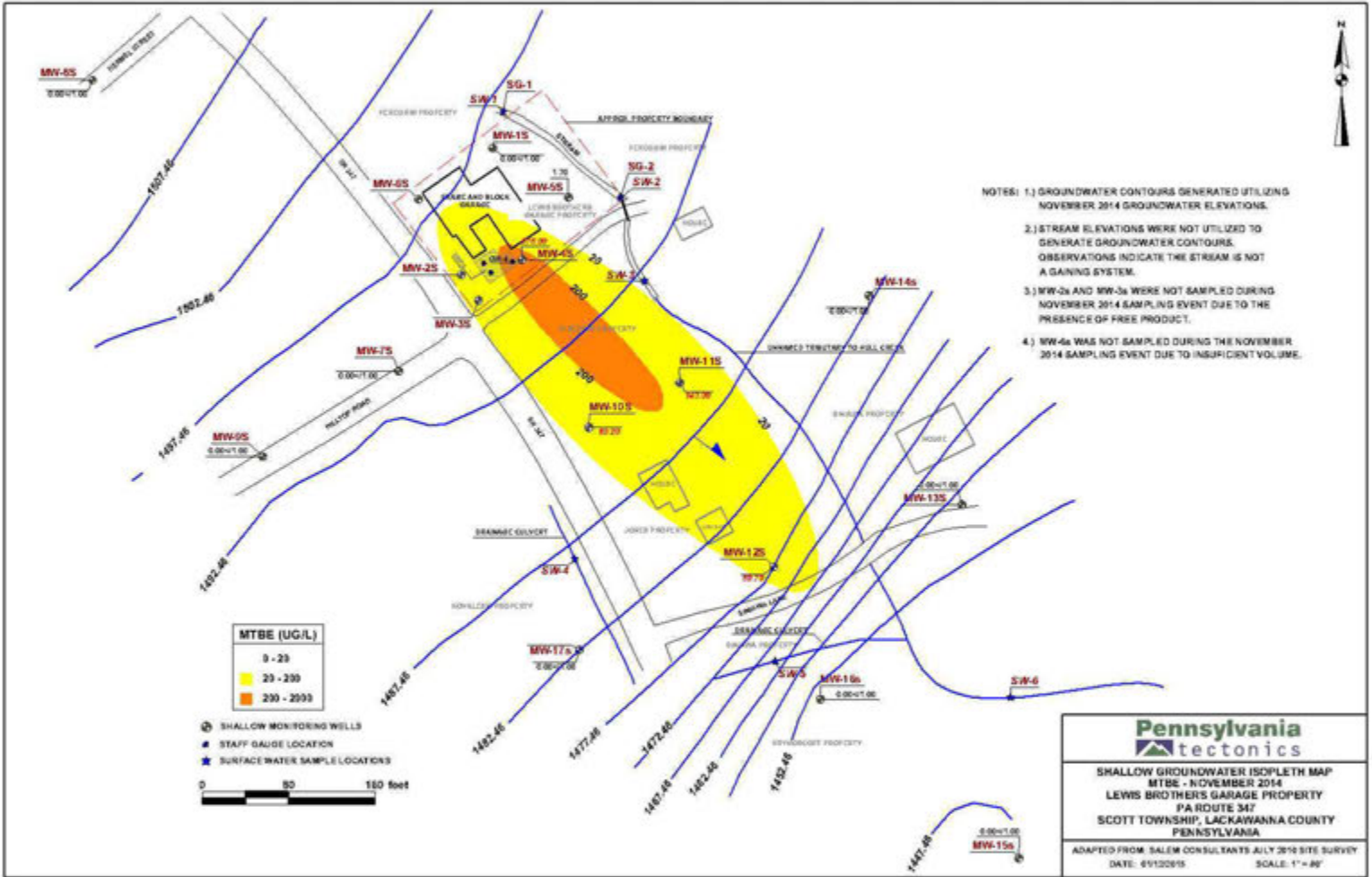
MTBE (UG/L)	
0 - 20	(White)
20 - 200	(Yellow)
200 - 2000	(Orange/Red)

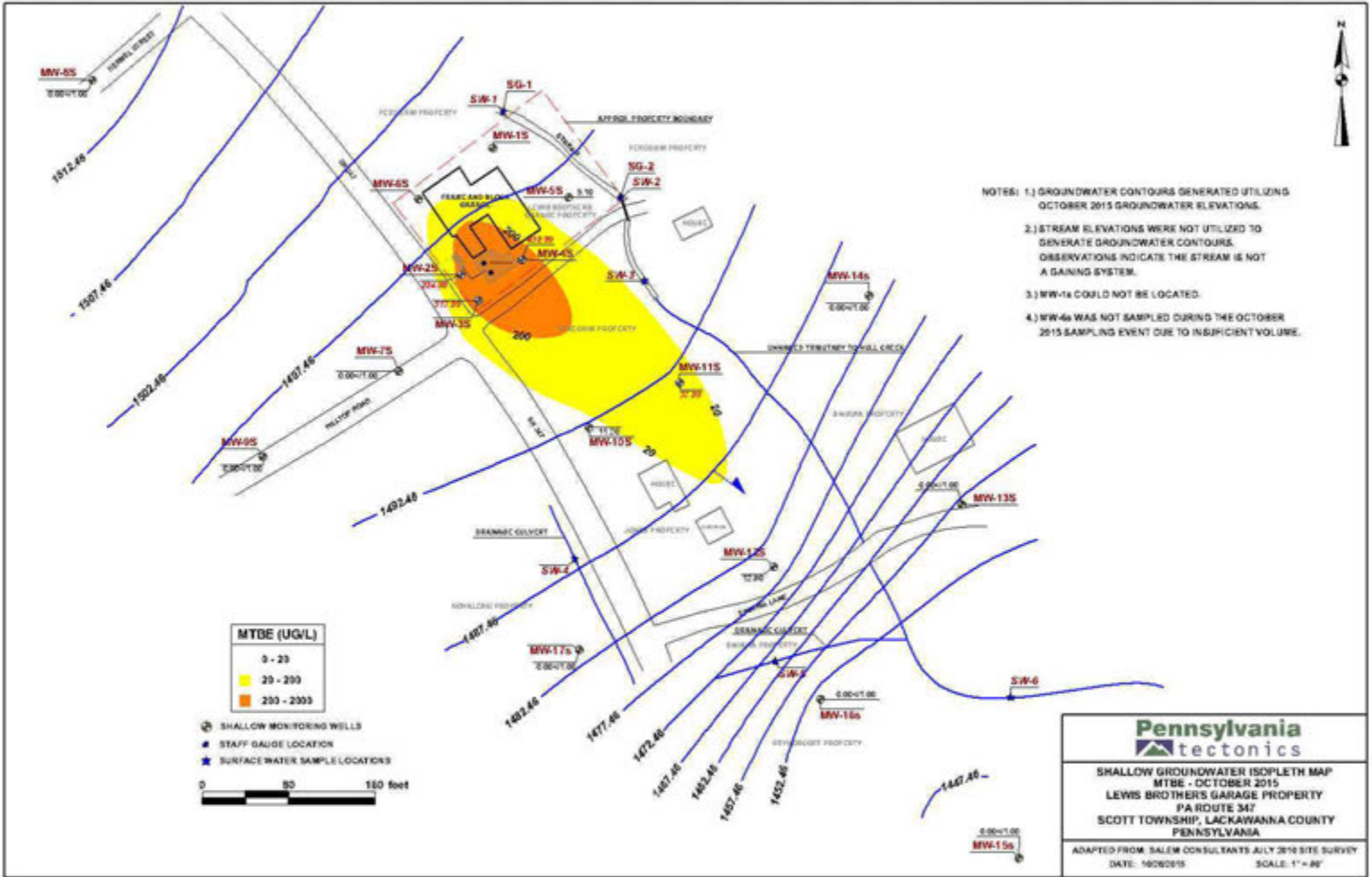
SHALLOW MONITORING WELLS  
 STAFF GAUGE LOCATION  
 SURFACE WATER SAMPLE LOCATIONS  
 0 50 150 feet

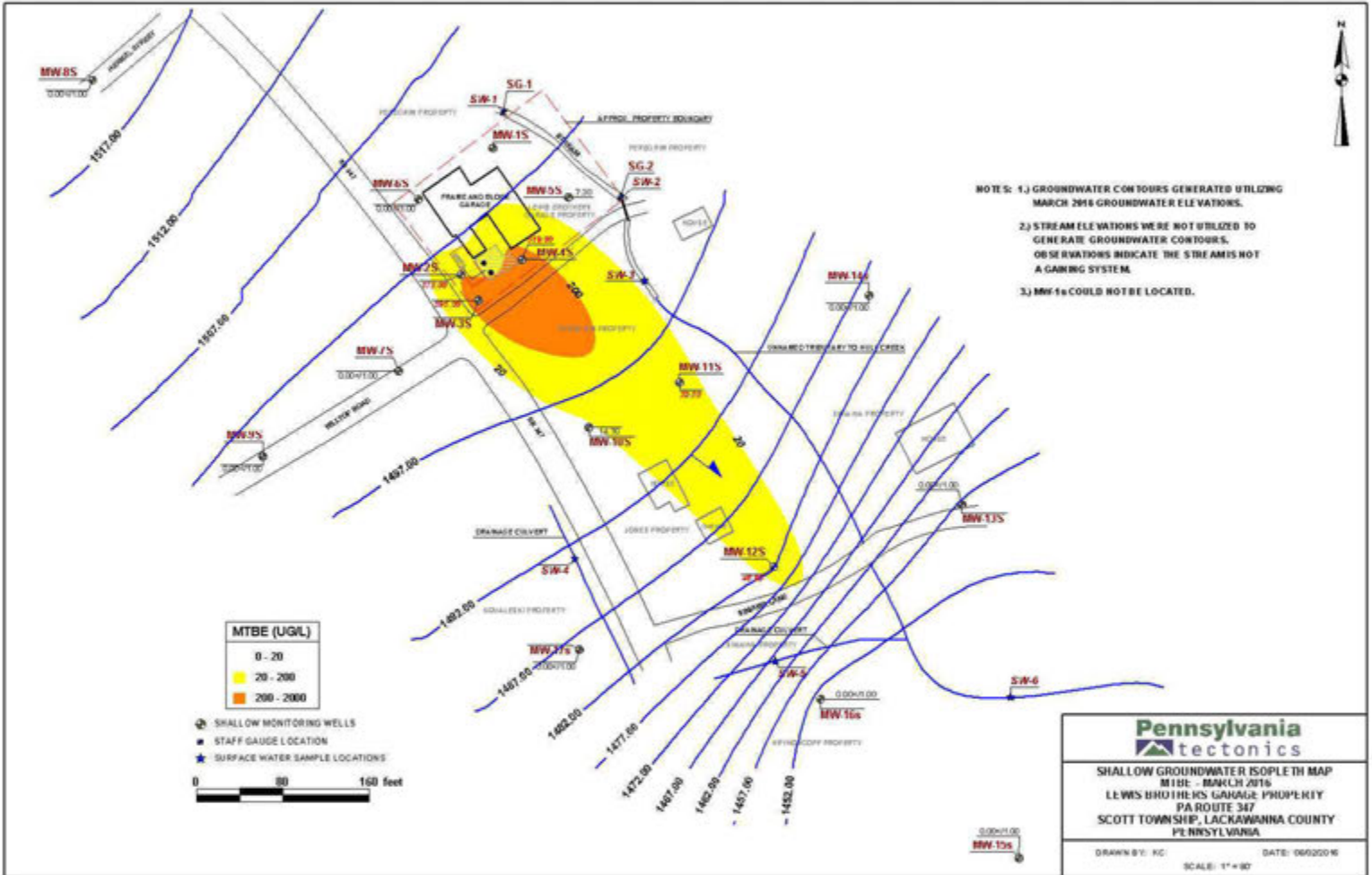
**Pennsylvania tectonics**  
 SHALLOW GROUNDWATER ISOPLETH MAP  
 MTBE - FEBRUARY 2014  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 342  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA  
 ADAPTED FROM SALEM CONSULTANTS JULY 2016 SITE SURVEY  
 DATE: 02/24/2014 SCALE: 1" = 40'

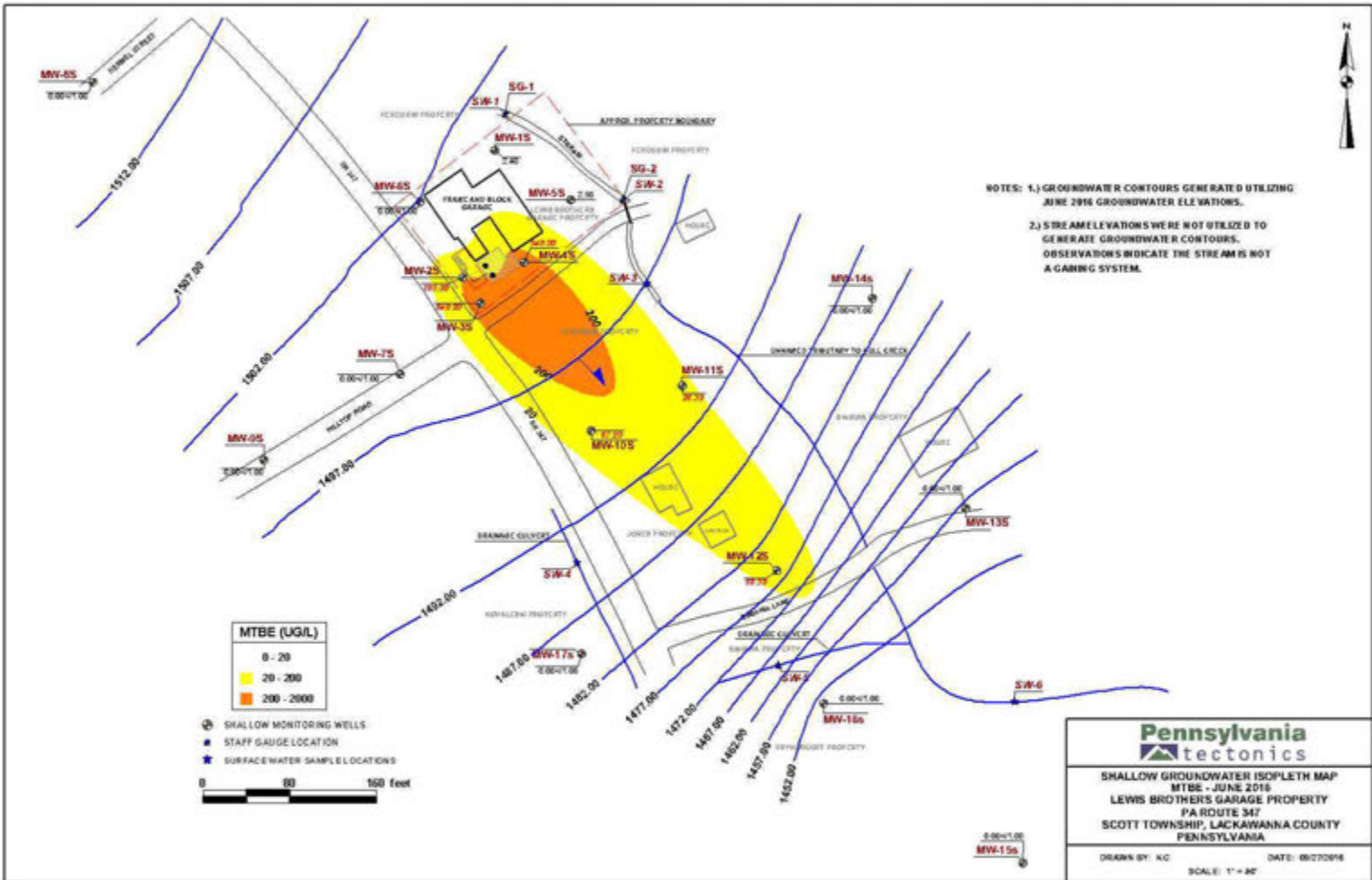


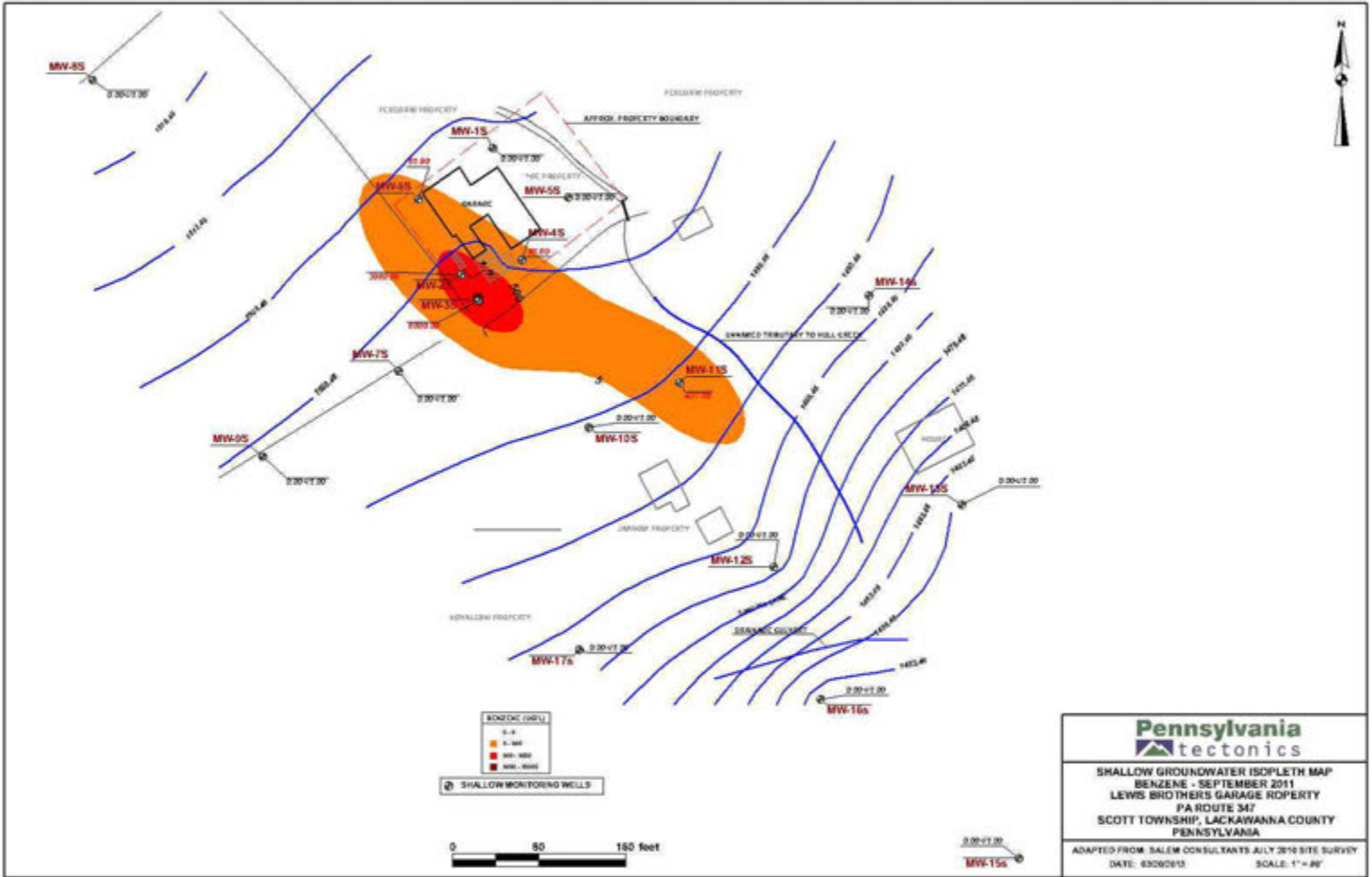






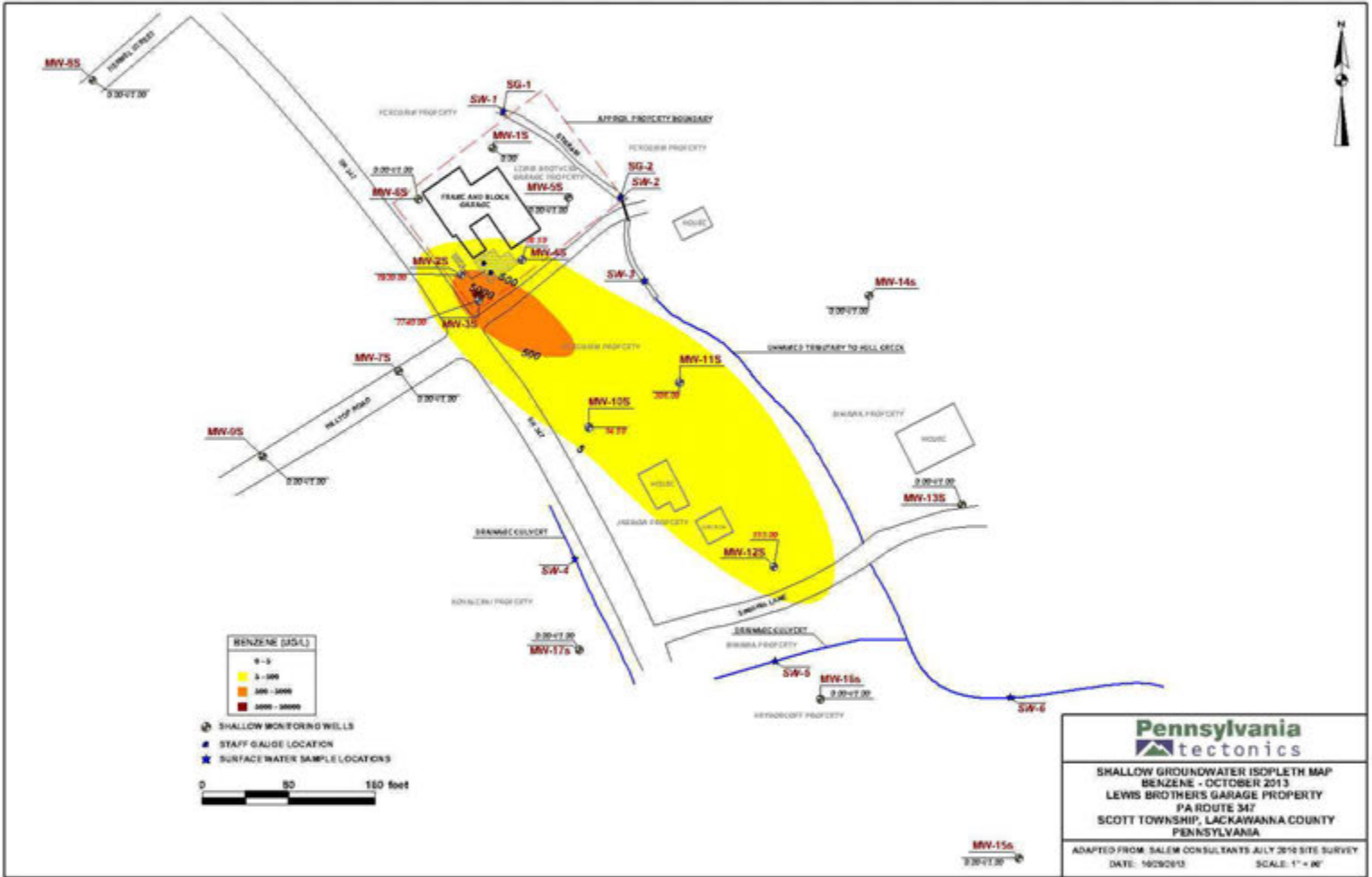




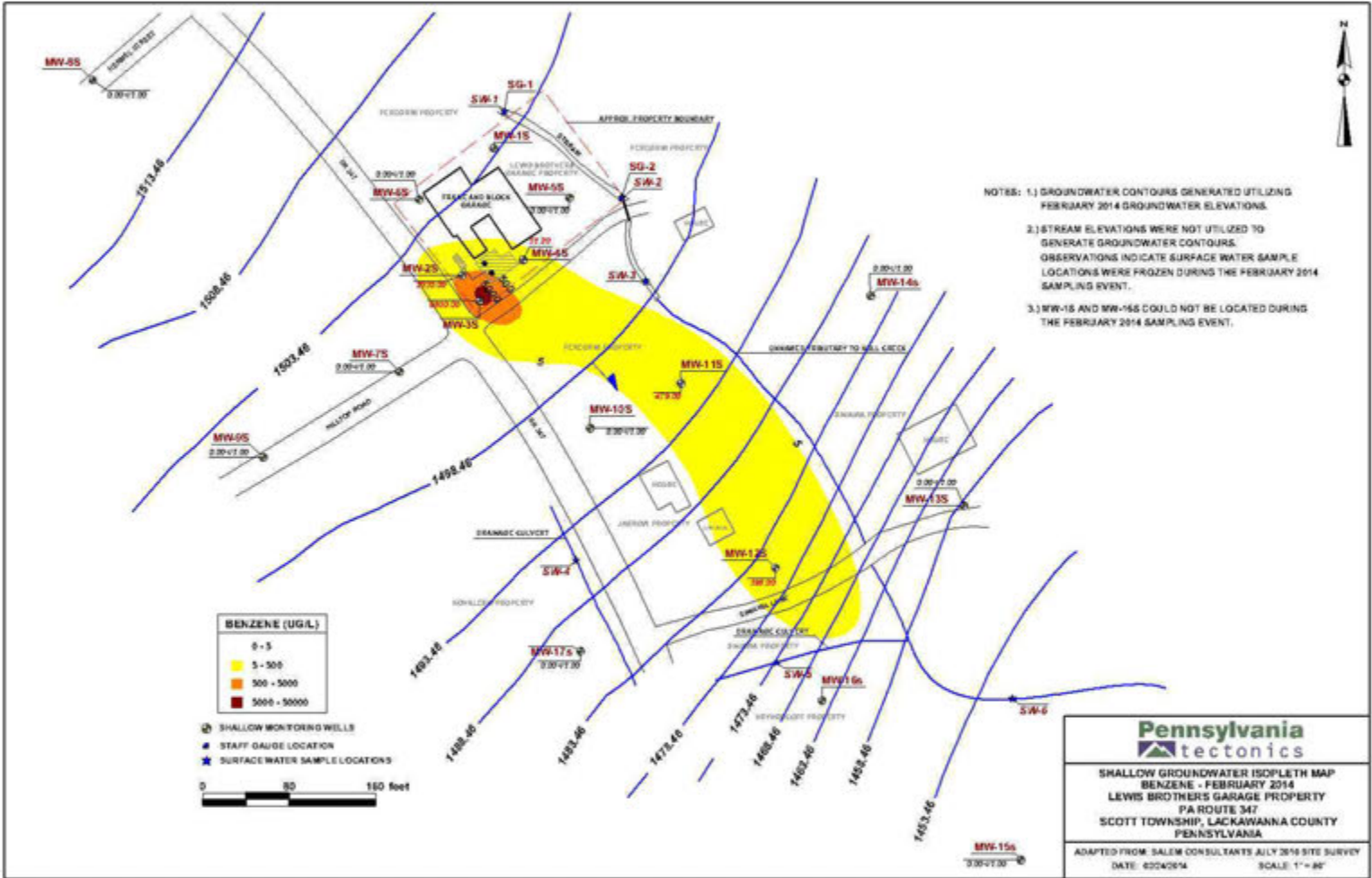


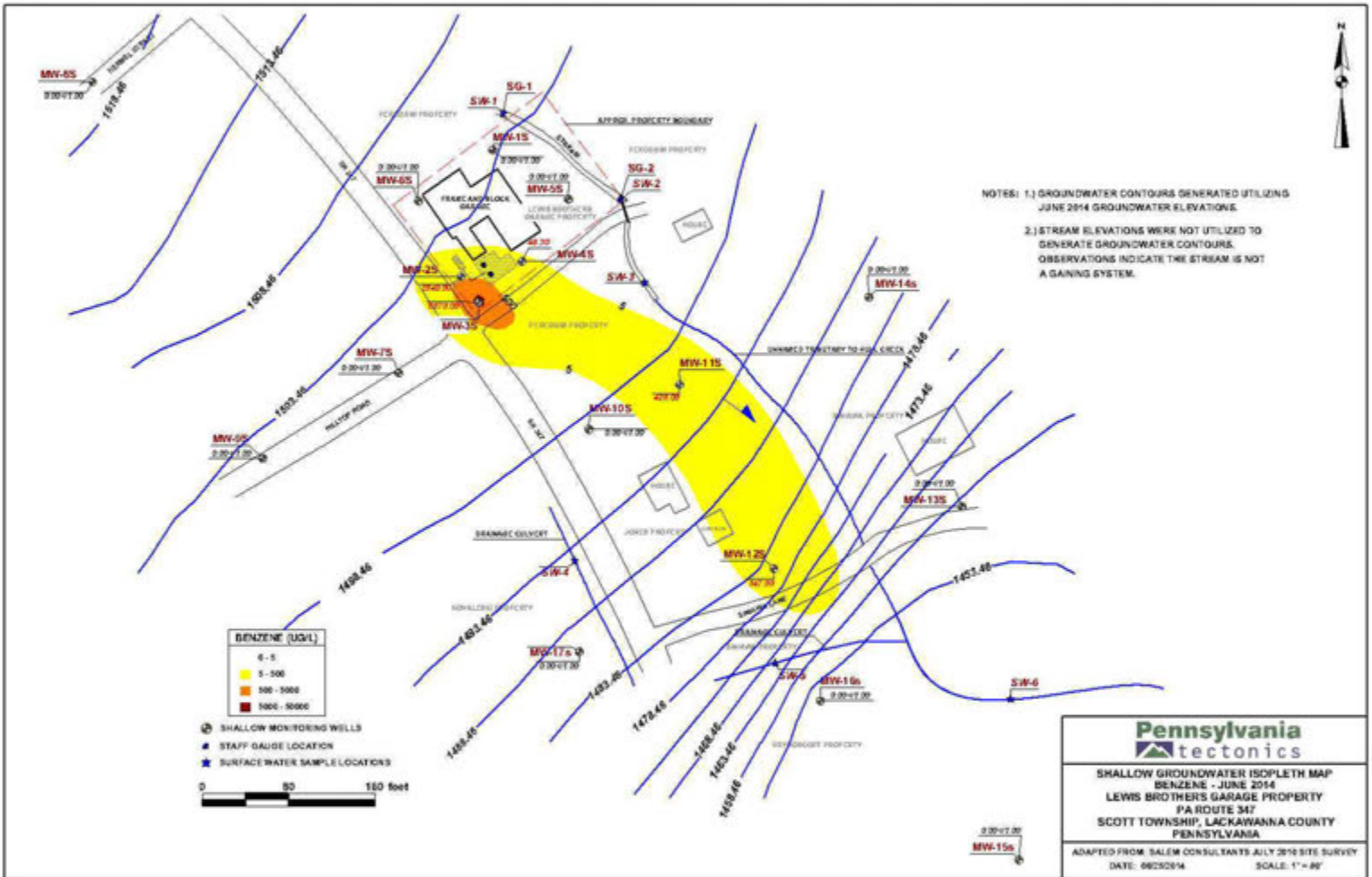


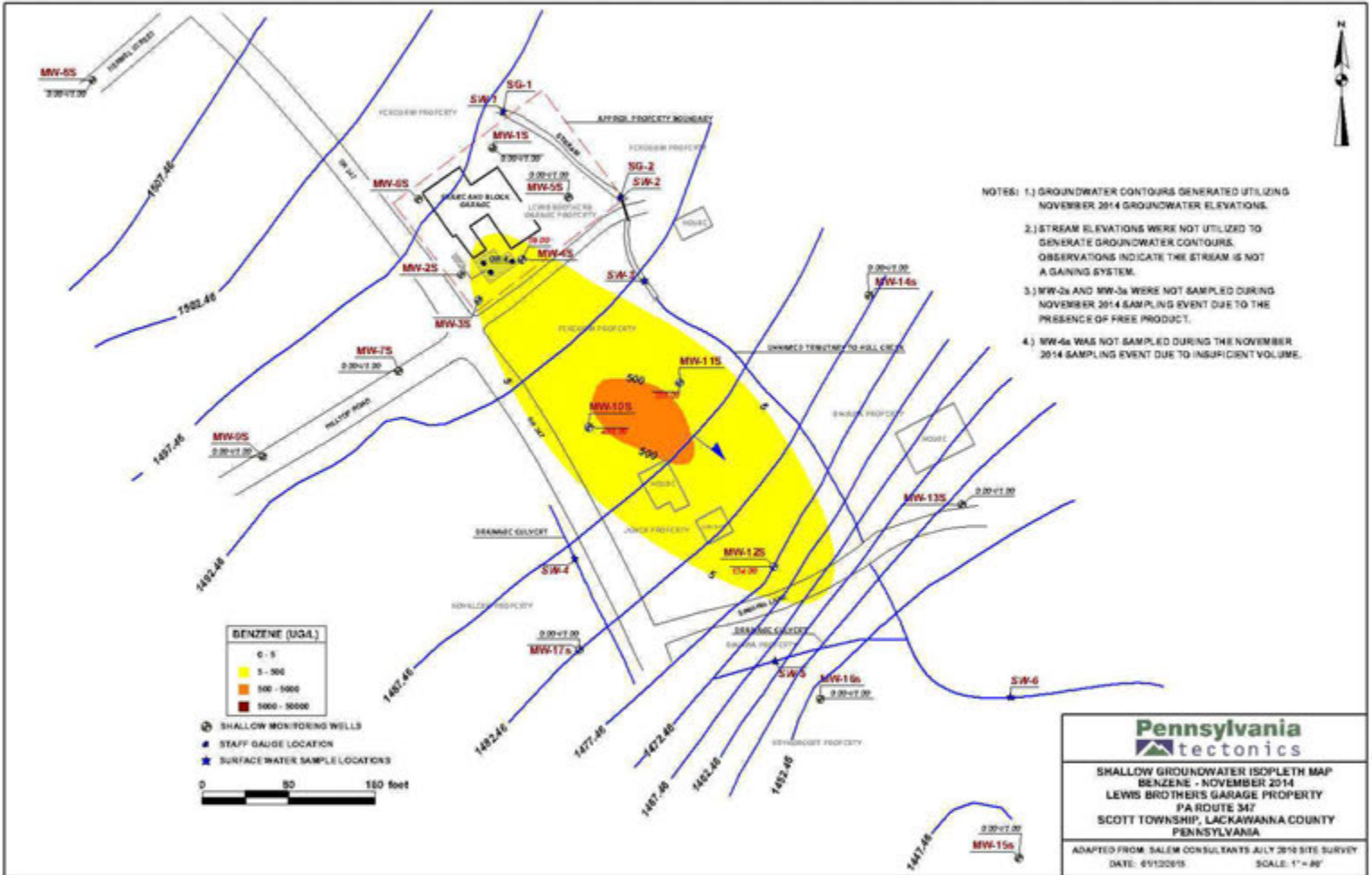


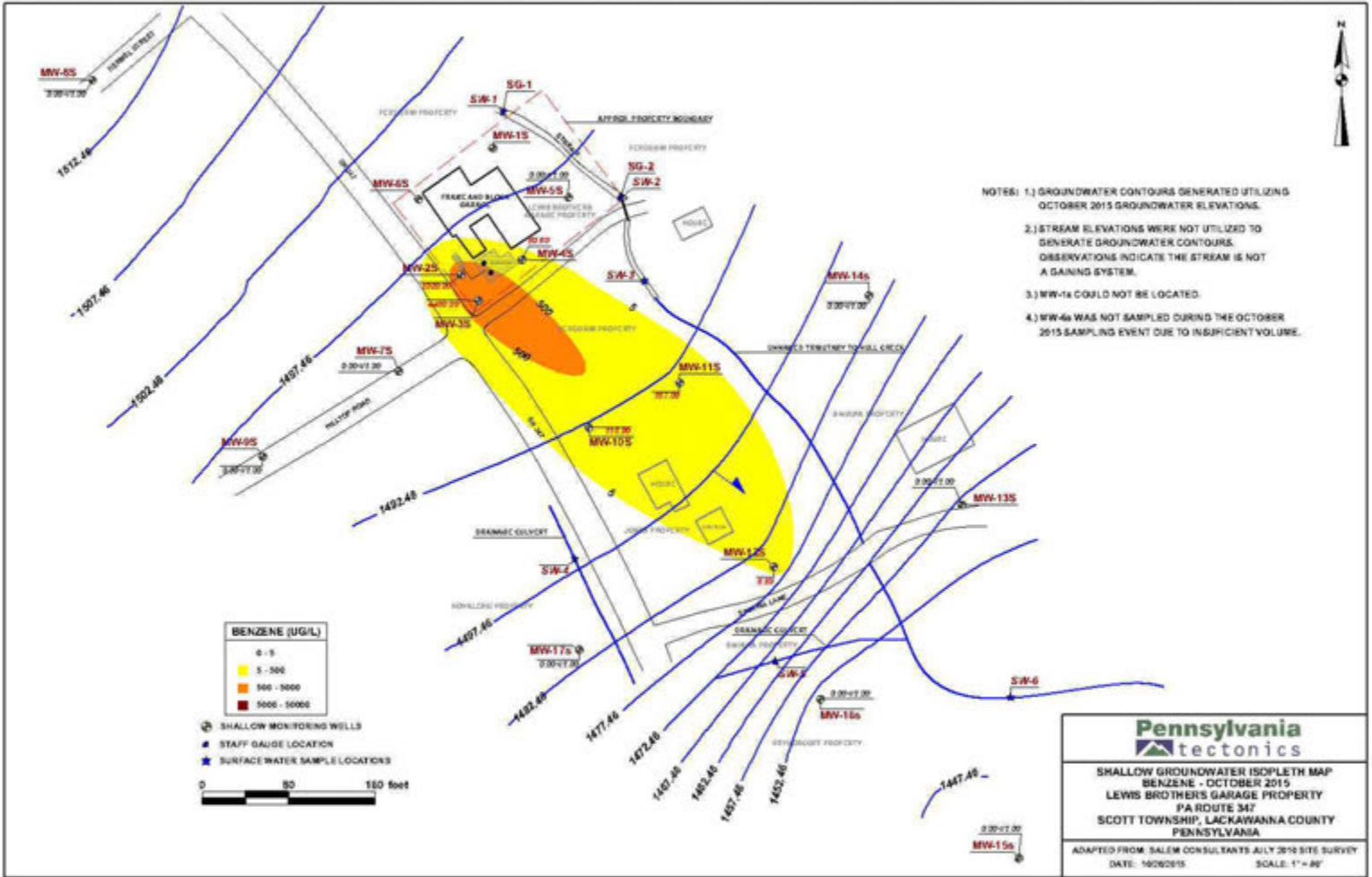


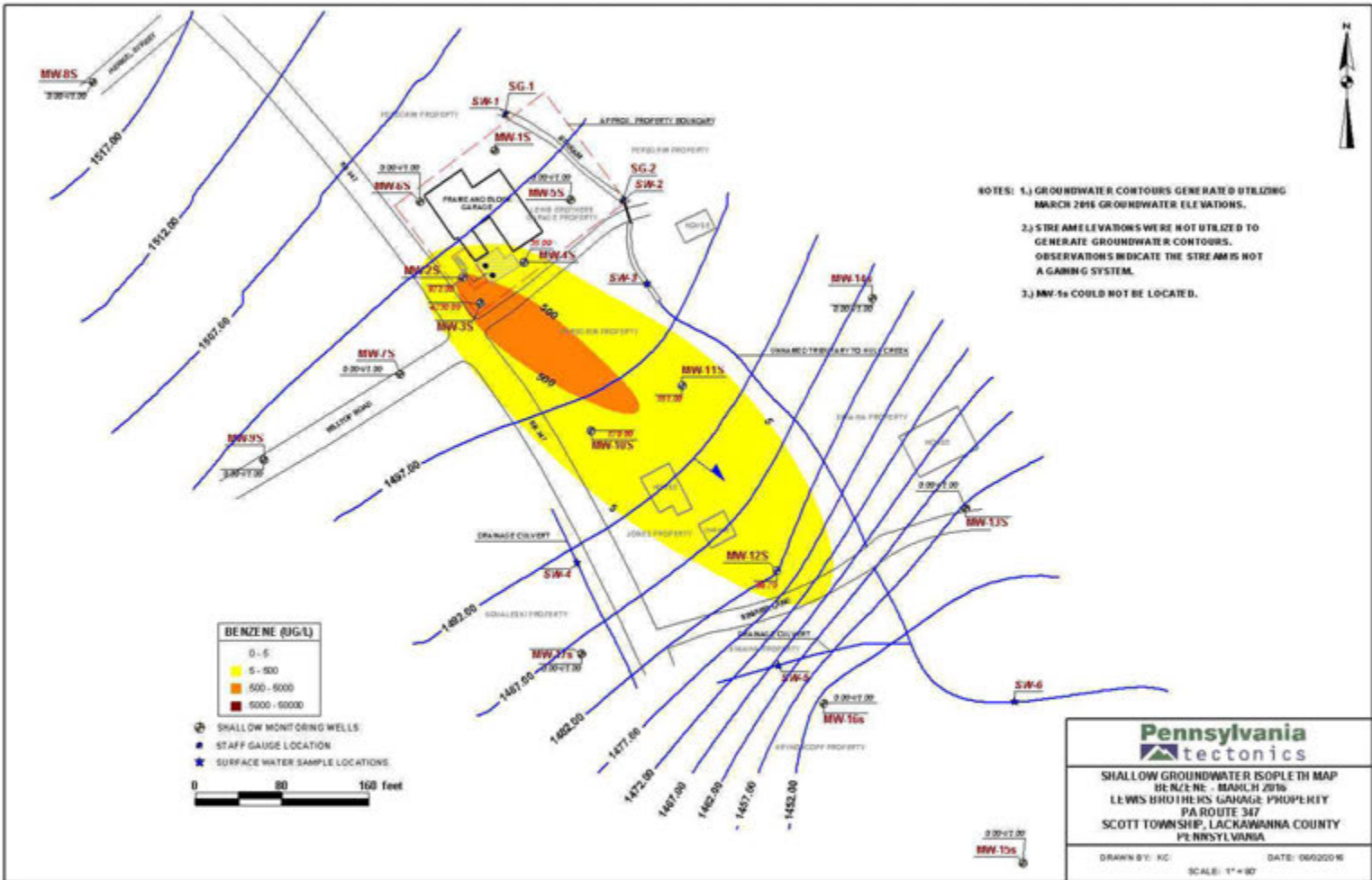




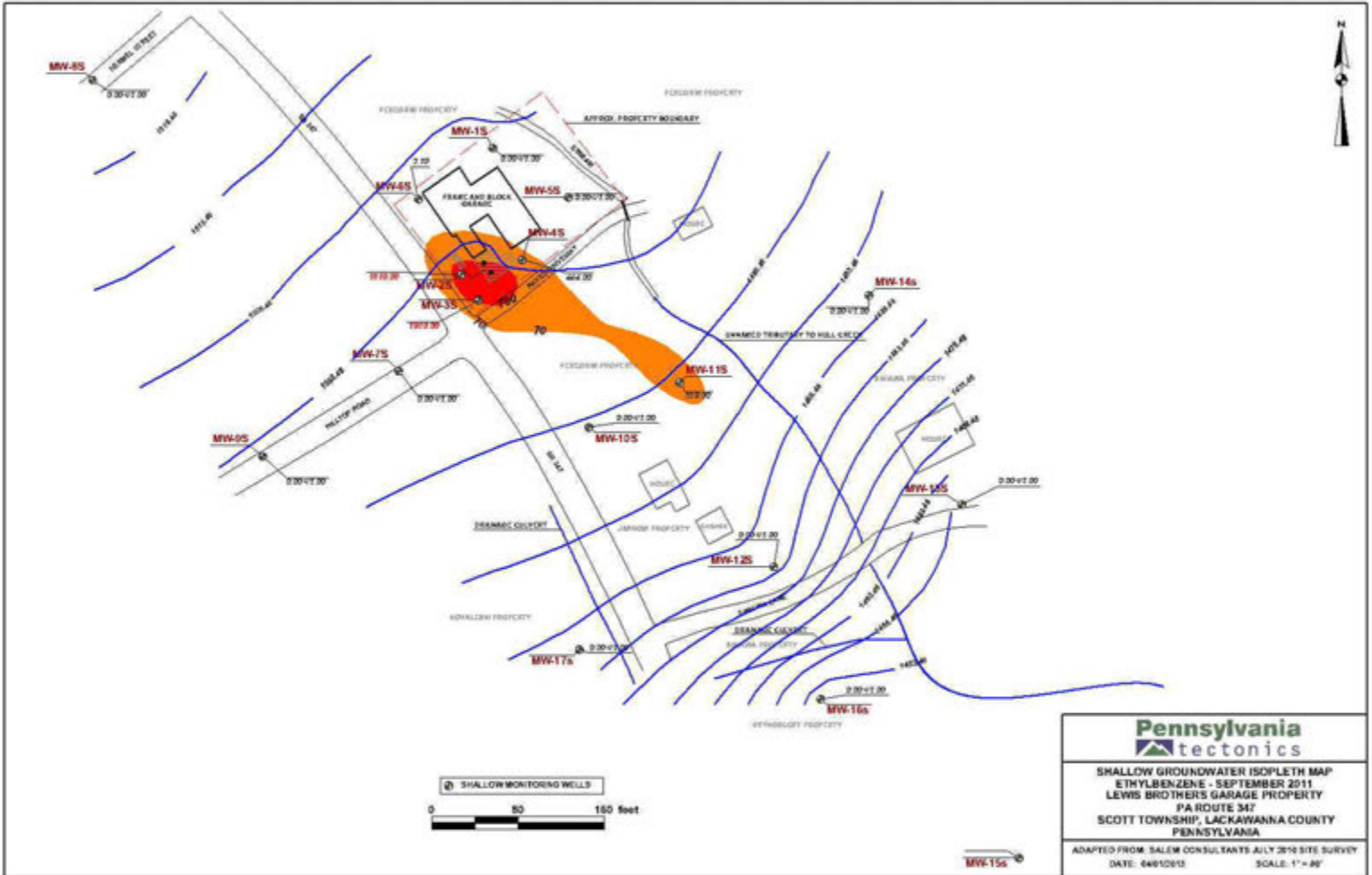












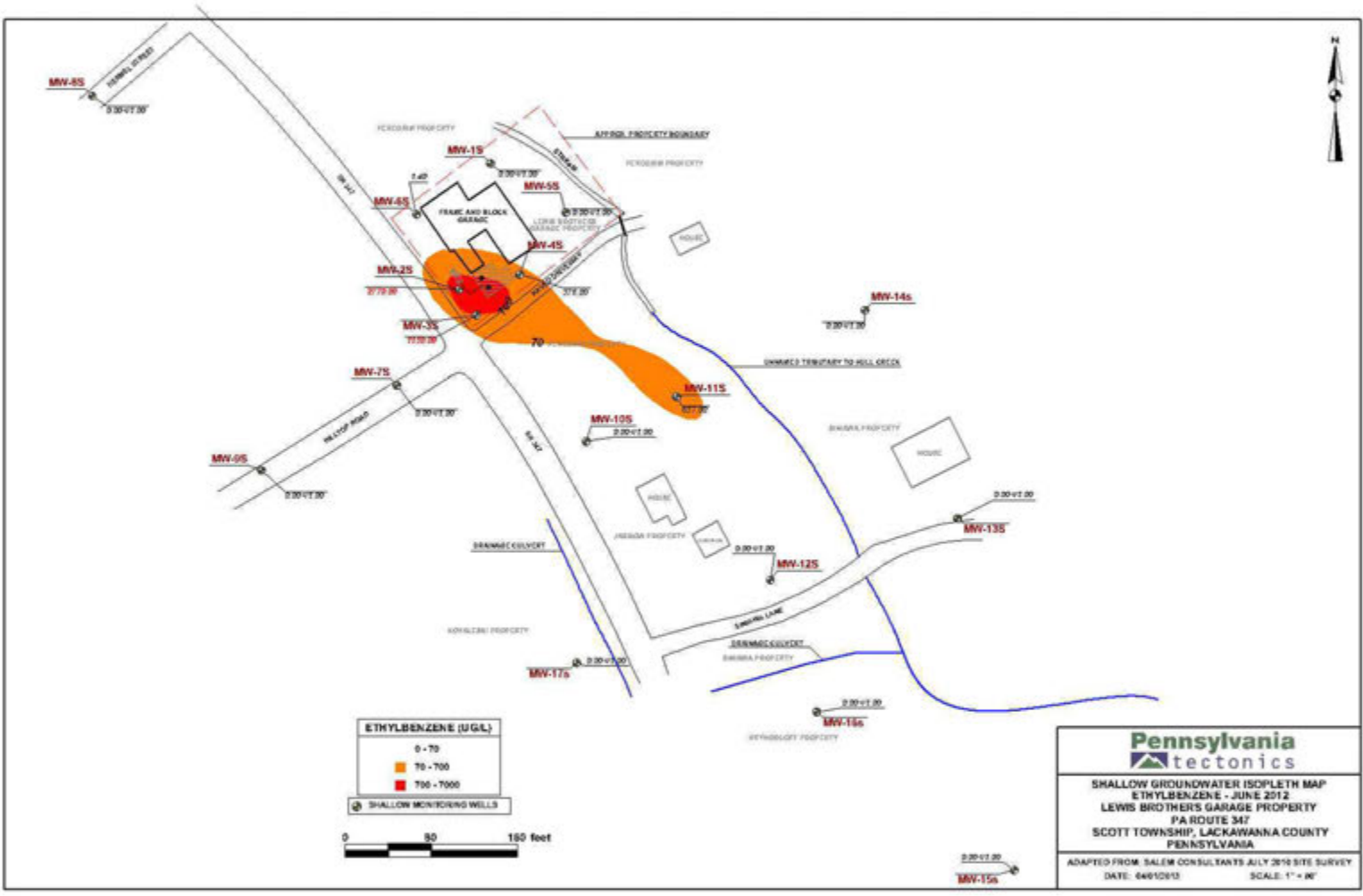
**Pennsylvania**  
tectonics

SHALLOW GROUNDWATER ISOPLETH MAP  
ETHYLBENZENE - SEPTEMBER 2011  
LEWIS BROTHERS GARAGE PROPERTY  
PA ROUTE 347  
SCOTT TOWNSHIP, LACKAWANNA COUNTY  
PENNSYLVANIA

ADAPTED FROM SALEM CONSULTANTS JULY 2010 SITE SURVEY  
DATE: 04/02/13 SCALE: 1" = 40'







ETHYLBENZENE (UGL)	
0 - 70	(White)
70 - 700	(Orange)
700 - 7000	(Red)

SHALLOW MONITORING WELLS



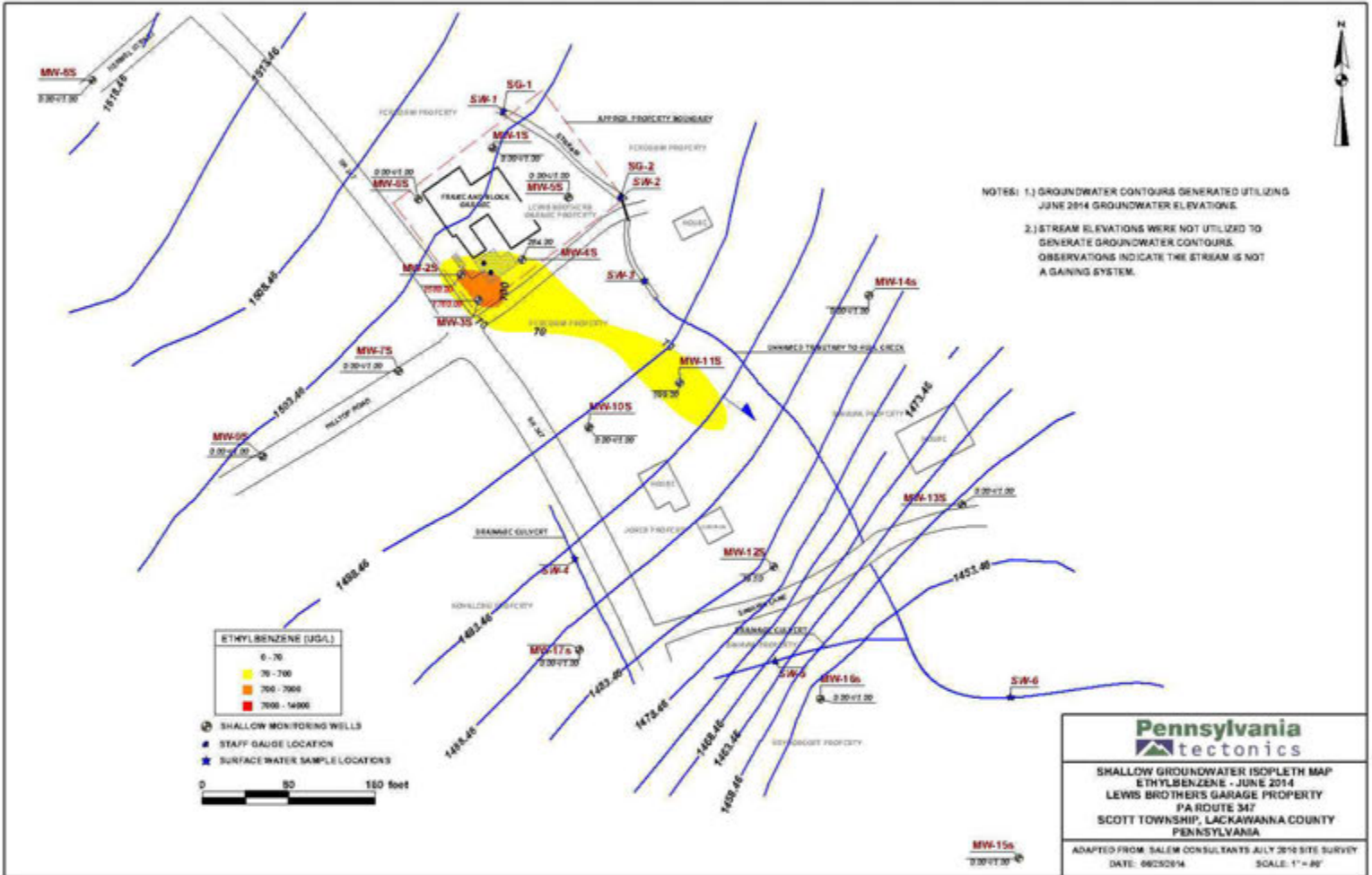
**Pennsylvania**  
tectonics

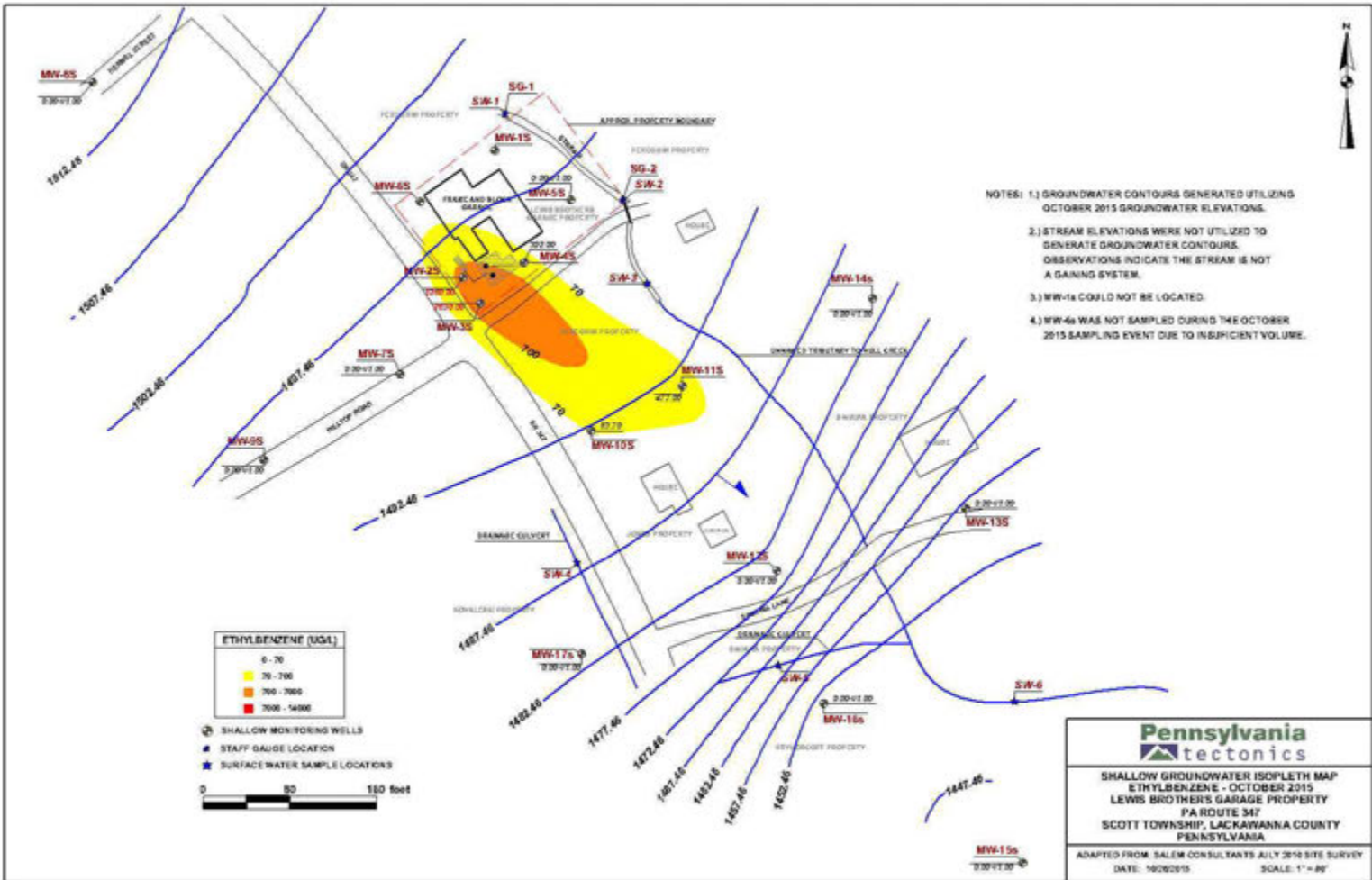
SHALLOW GROUNDWATER ISOPLETH MAP  
ETHYLBENZENE - JUNE 2012  
LEWIS BROTHERS GARAGE PROPERTY  
PA ROUTE 347  
SCOTT TOWNSHIP, LACKAWANNA COUNTY  
PENNSYLVANIA

ADAPTED FROM SALEM CONSULTANTS JULY 2010 SITE SURVEY  
DATE: 04/10/13 SCALE: 1" = 40'









- NOTES:
- 1.) GROUNDWATER CONTOURS GENERATED UTILIZING OCTOBER 2015 GROUNDWATER ELEVATIONS.
  - 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE THE STREAM IS NOT A GAINING SYSTEM.
  - 3.) MW-14 COULD NOT BE LOCATED.
  - 4.) MW-46 WAS NOT SAMPLED DURING THE OCTOBER 2015 SAMPLING EVENT DUE TO INSUFFICIENT VOLUME.

**ETHYLBENZENE (UG/L)**

0 - 70
70 - 700
700 - 7000
7000 - 14000

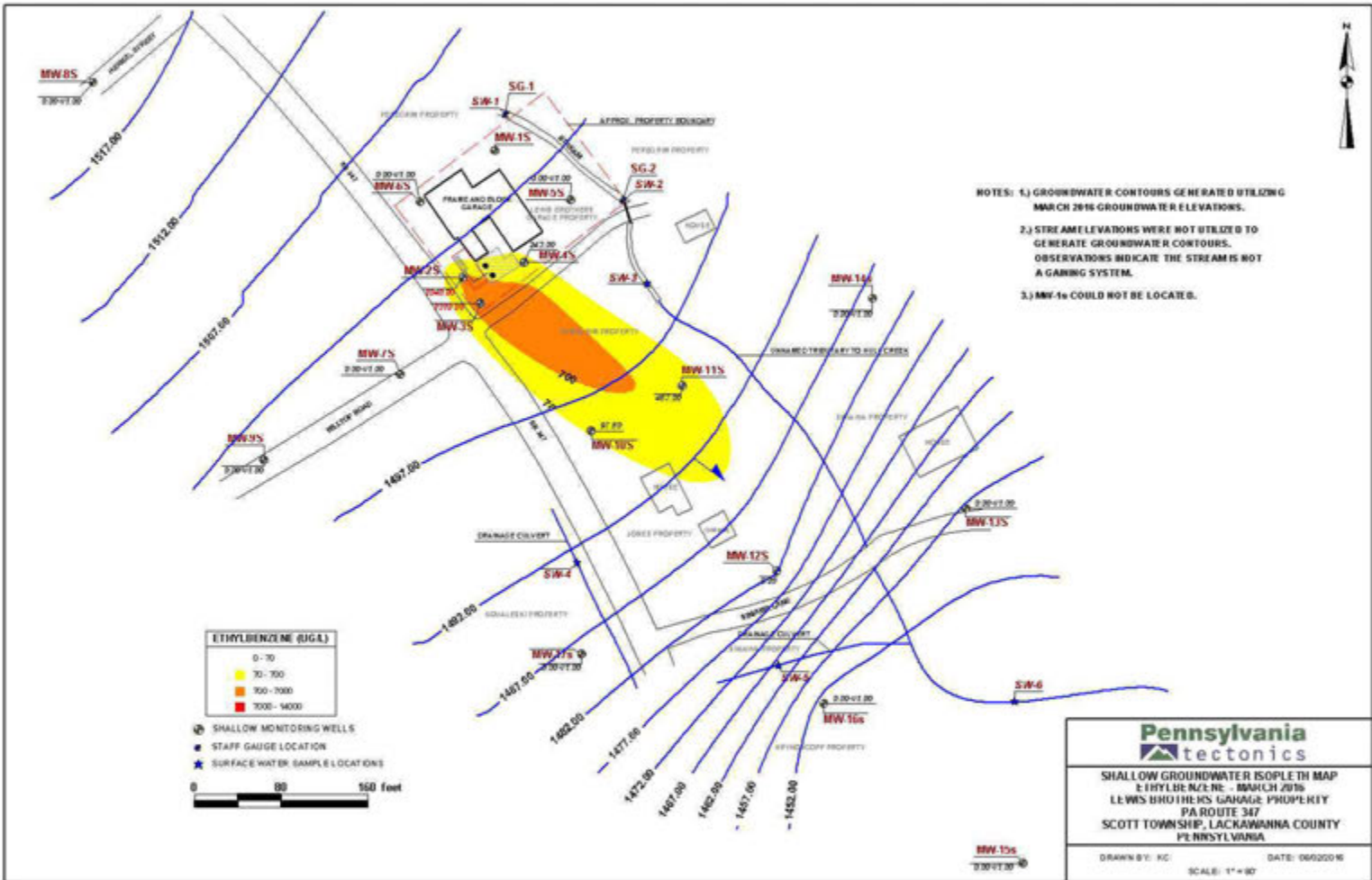
○ SHALLOW MONITORING WELLS  
 ■ STAFF GAUGE LOCATION  
 \* SURFACE WATER SAMPLE LOCATIONS

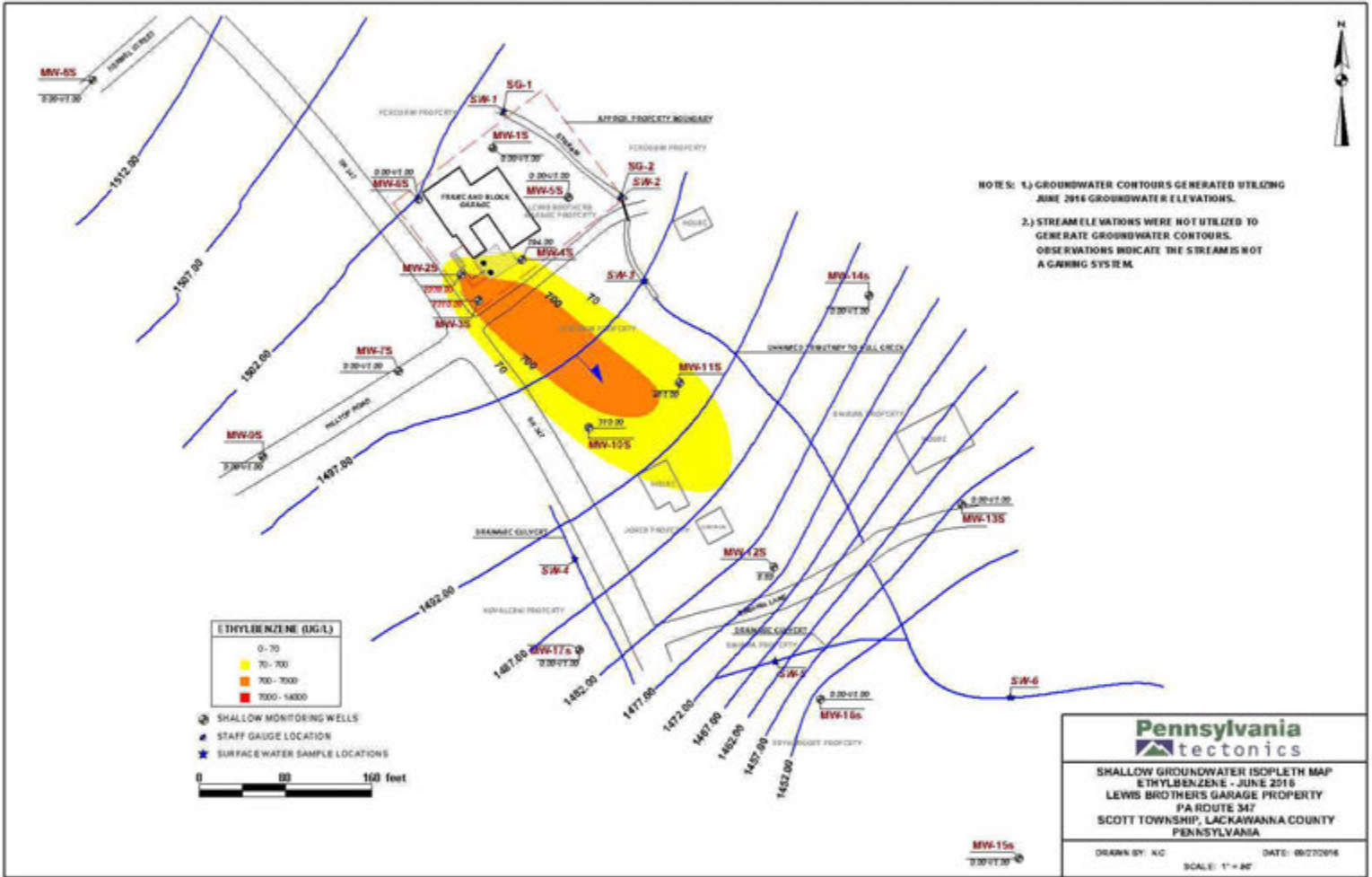
0 50 100 Feet

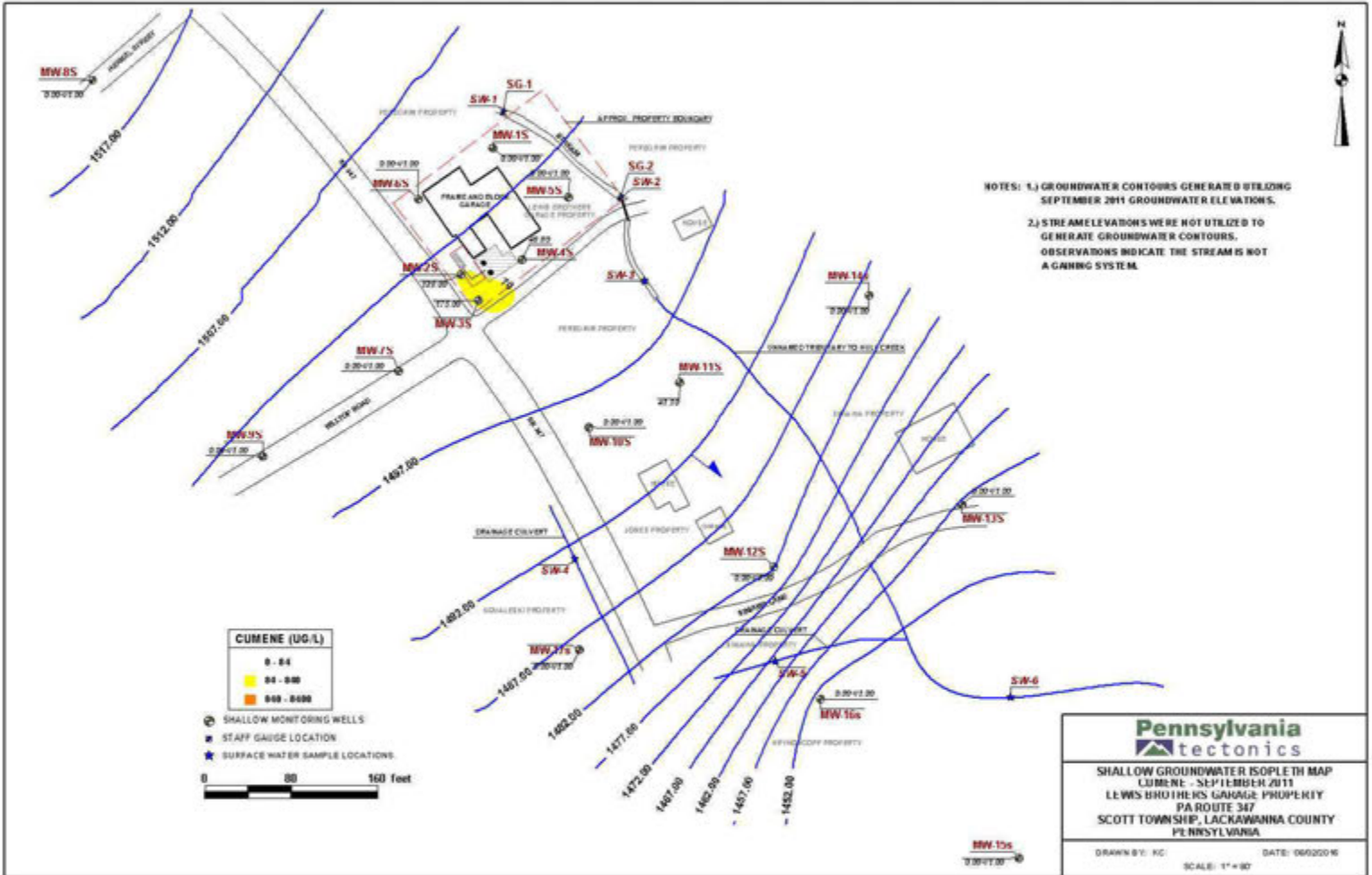
**Pennsylvania tectonics**

SHALLOW GROUNDWATER ISOPLETH MAP  
 ETHYLBENZENE - OCTOBER 2015  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 347  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

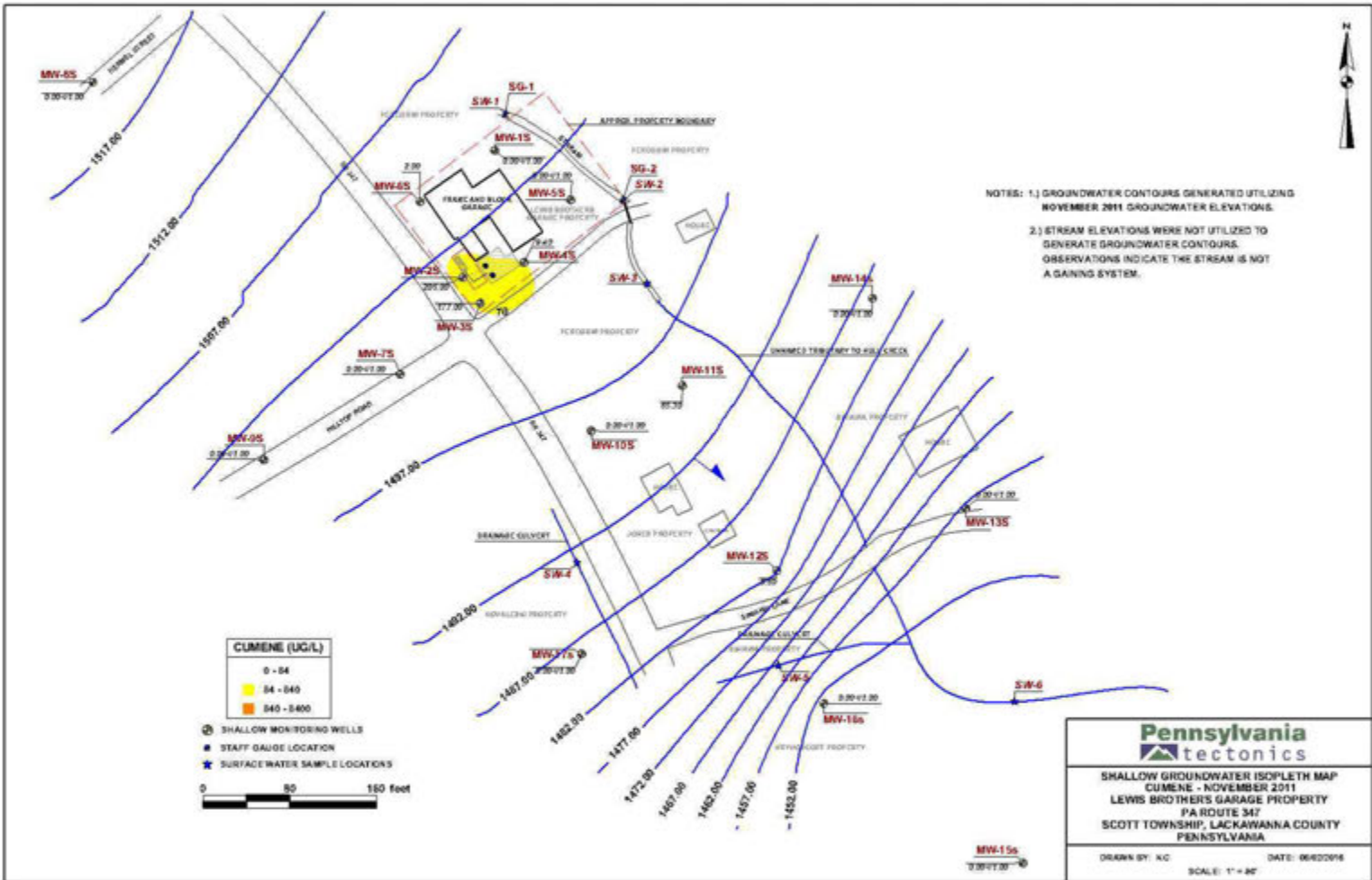
ADAPTED FROM SALEM CONSULTANTS JULY 2010 SITE SURVEY  
 DATE: 10/02/15 SCALE: 1" = 40'











NOTES: 1.) GROUNDWATER CONTOURS GENERATED UTILIZING NOVEMBER 2011 GROUNDWATER ELEVATIONS.  
 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE THE STREAM IS NOT A GAINING SYSTEM.

CUME (UG/L)	
0 - 54	White
54 - 840	Yellow
840 - 8400	Orange

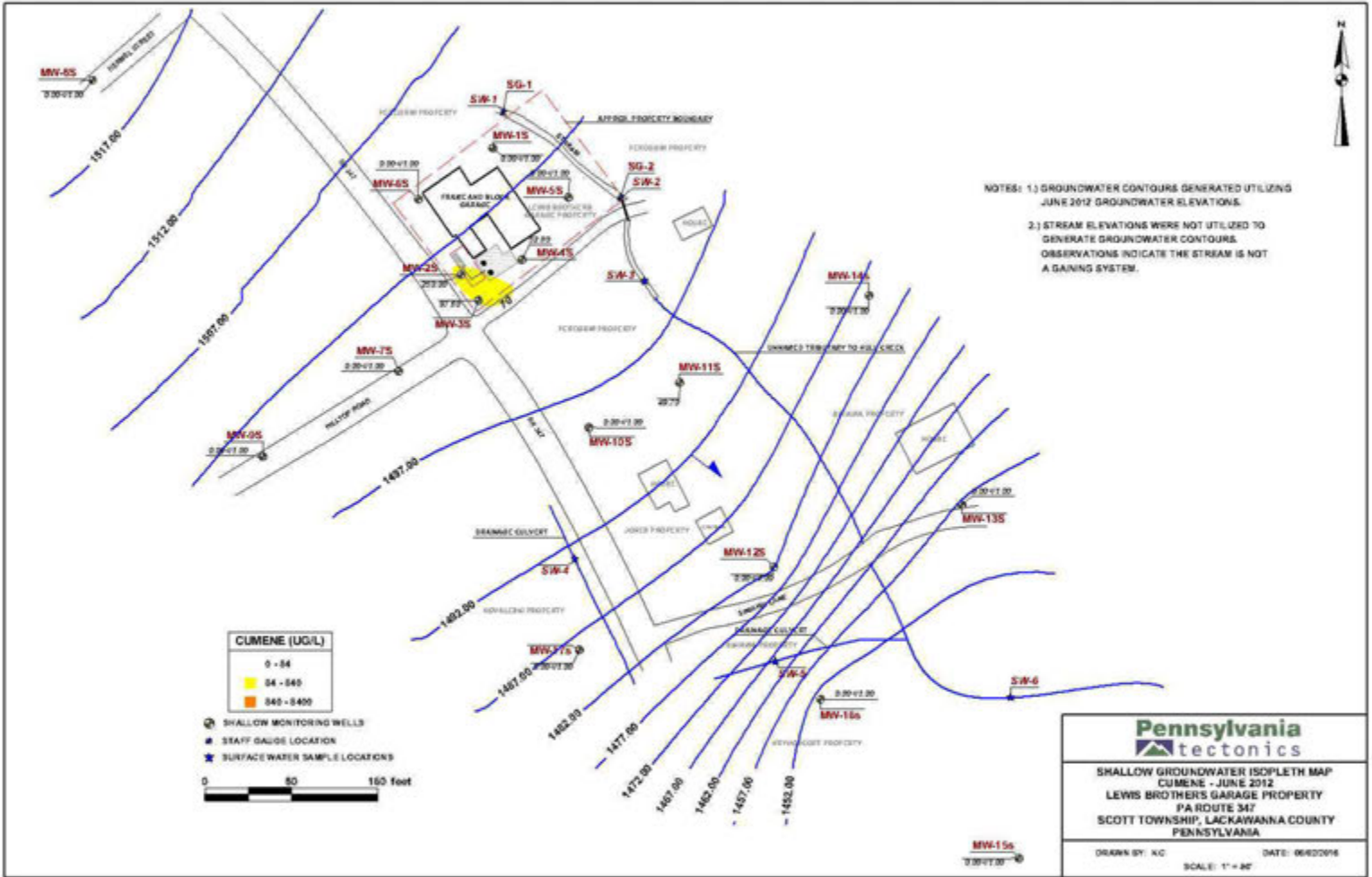
- SHALLOW MONITORING WELLS
- STAFF GAUGE LOCATION
- ★ SURFACE WATER SAMPLE LOCATIONS

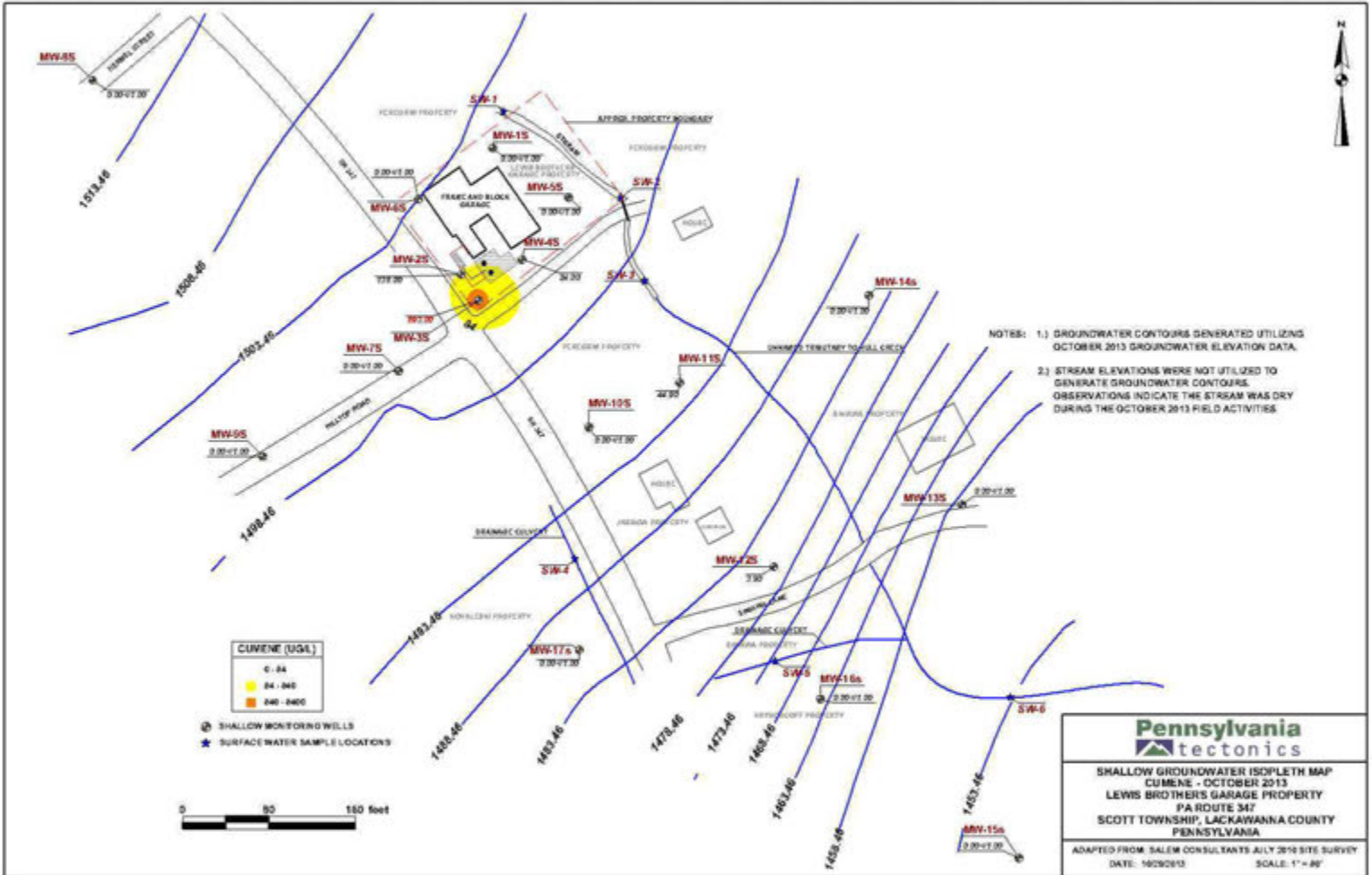


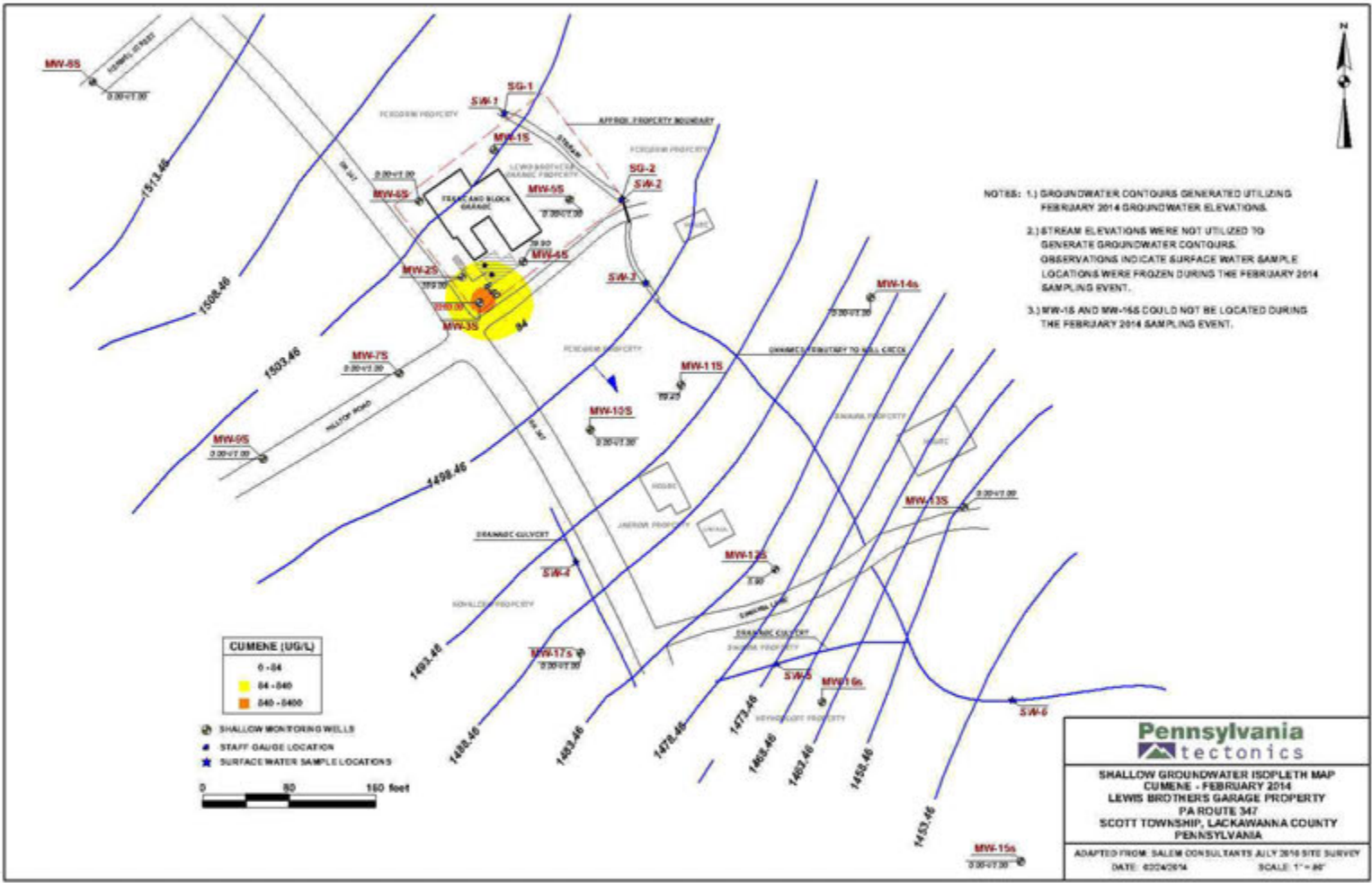
**Pennsylvania**  
tectonics

SHALLOW GROUNDWATER ISOPLETH MAP  
 CUME - NOVEMBER 2011  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 347  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

DRAWN BY: KC      DATE: 06/20/16  
 SCALE: 1" = 40'







NOTES: 1.) GROUNDWATER CONTOURS GENERATED UTILIZING FEBRUARY 2014 GROUNDWATER ELEVATIONS.  
 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE SURFACE WATER SAMPLE LOCATIONS WERE FROZEN DURING THE FEBRUARY 2014 SAMPLING EVENT.  
 3.) MW-15 AND MW-15s COULD NOT BE LOCATED DURING THE FEBRUARY 2014 SAMPLING EVENT.

CUMENE (UG/L)	
0 - 64	(White)
64 - 640	(Yellow)
640 - 6400	(Orange)

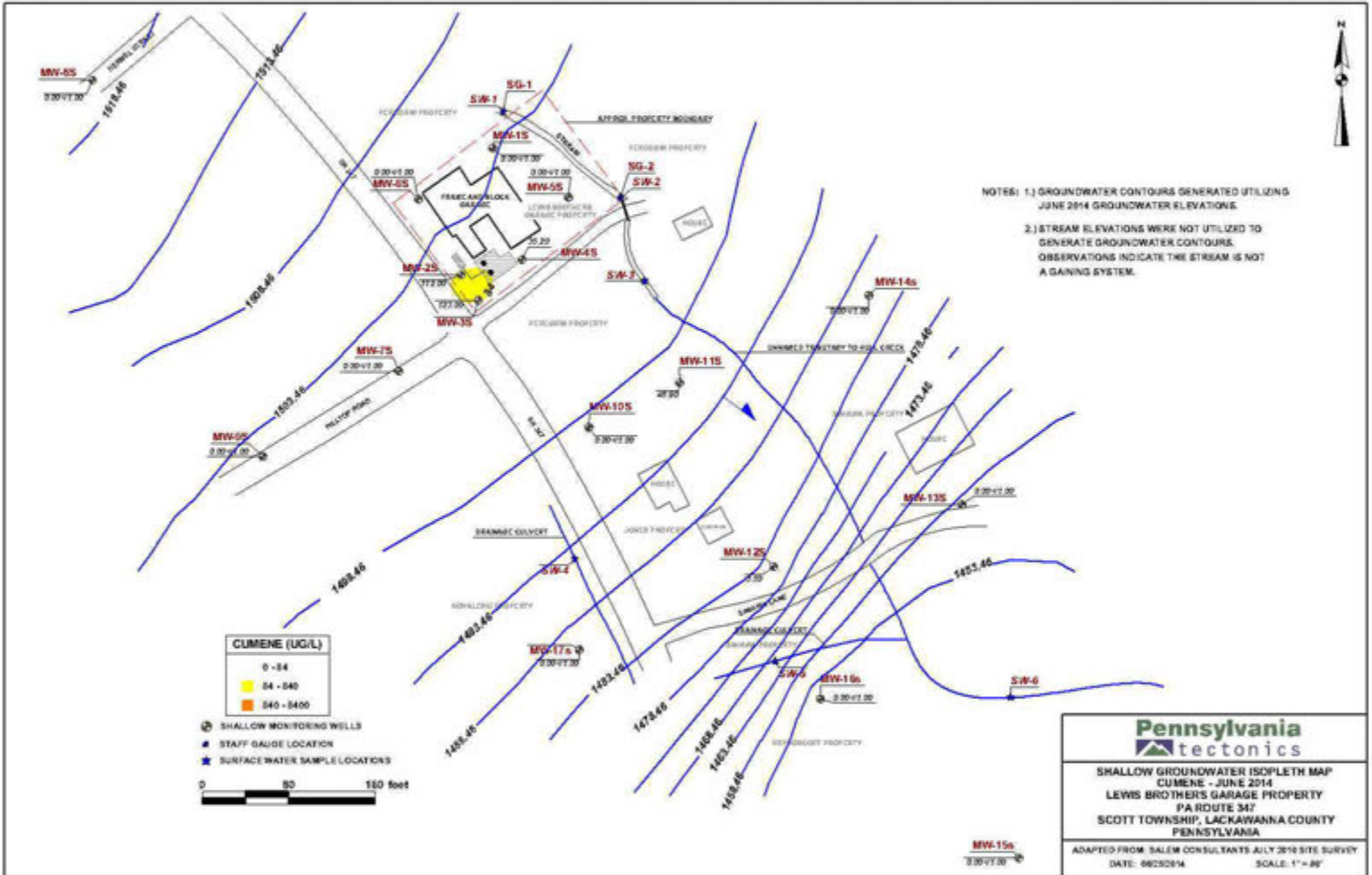
- SHALLOW MONITORING WELLS
- ▲ STAFF GAUGE LOCATION
- ★ SURFACE WATER SAMPLE LOCATIONS

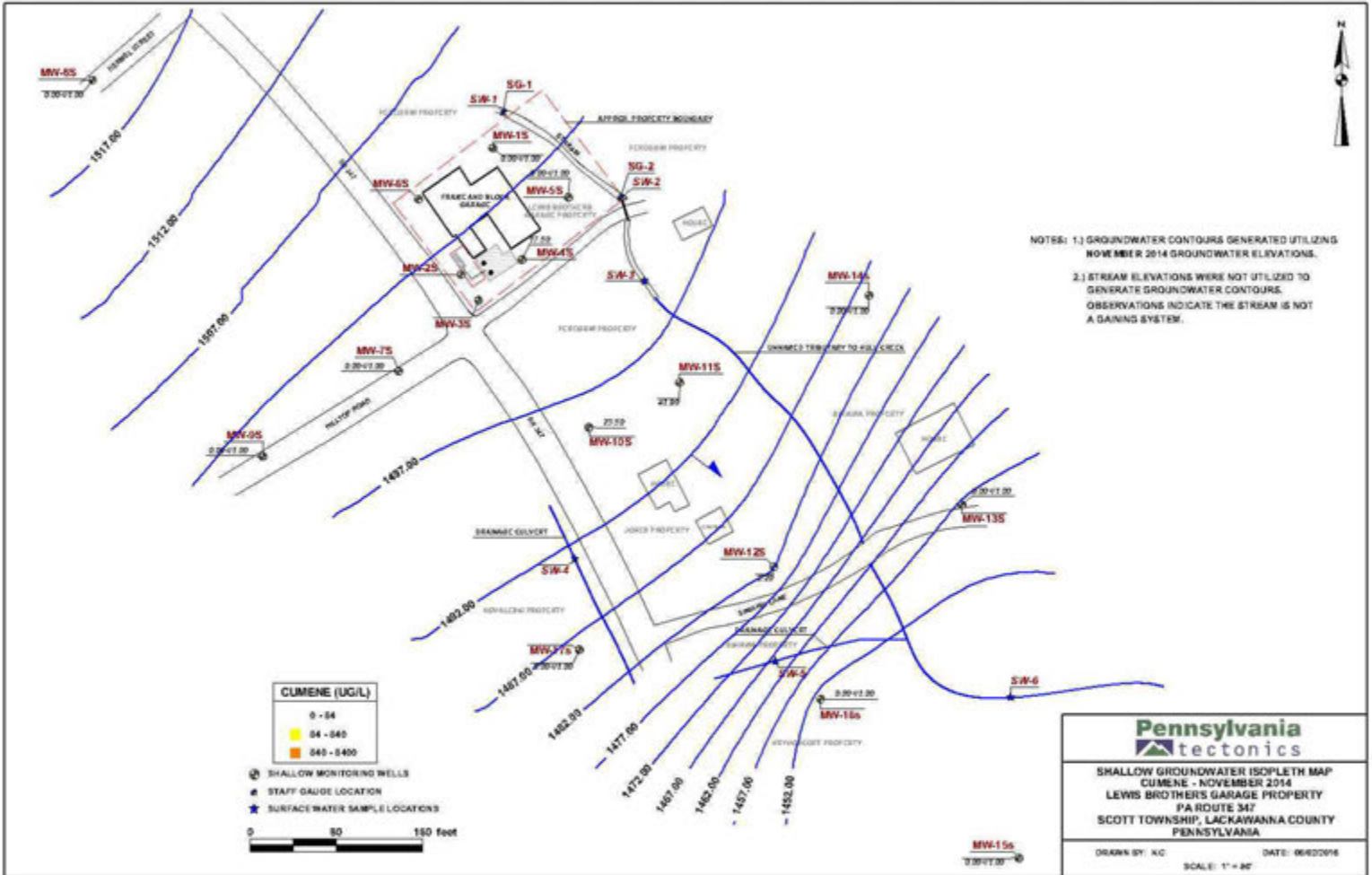


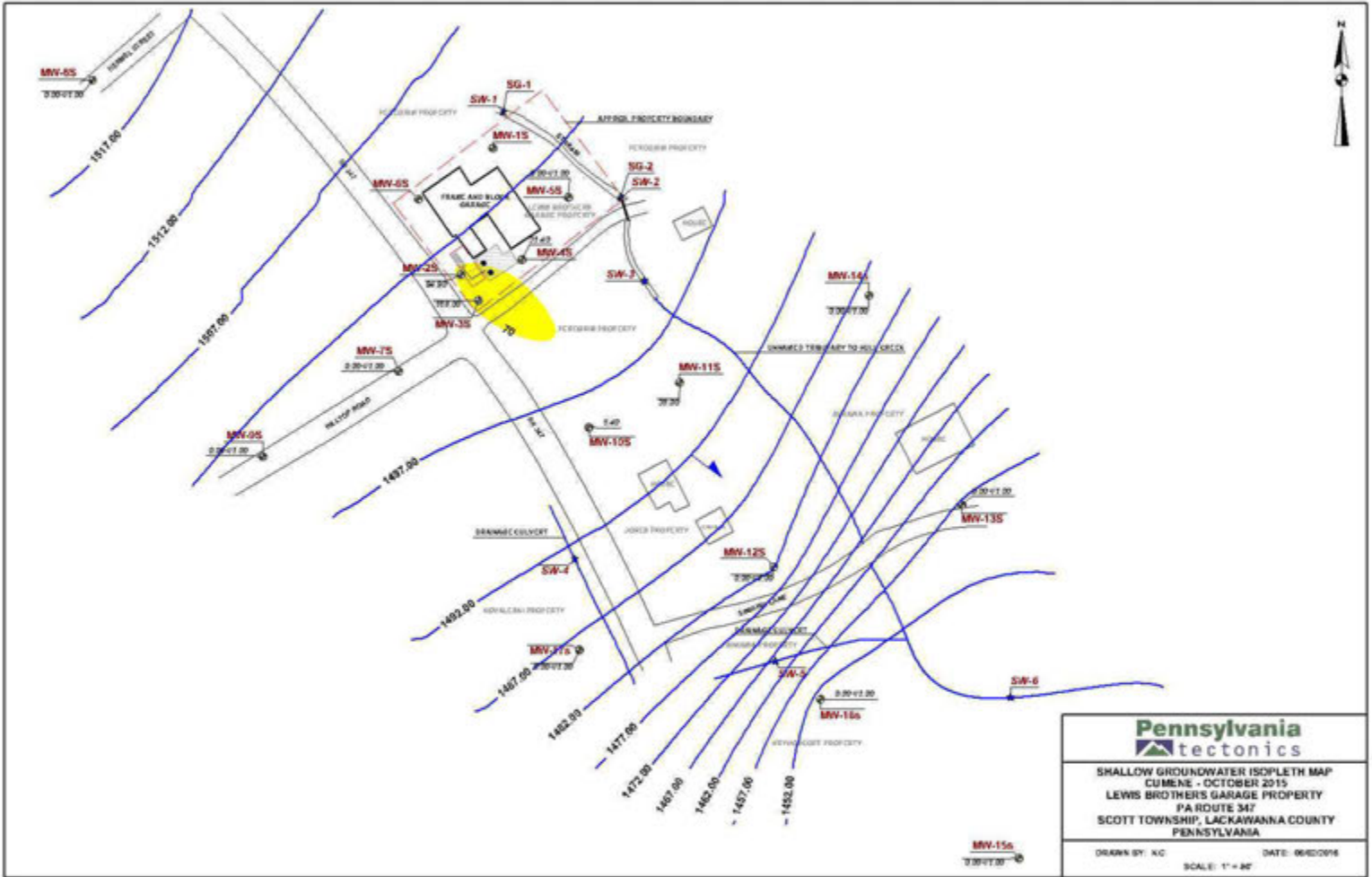
**Pennsylvania tectonics**

SHALLOW GROUNDWATER ISOPLETH MAP  
 CUMENE - FEBRUARY 2014  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 342  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

ADAPTED FROM SALEM CONSULTANTS JULY 2016 SITE SURVEY  
 DATE: 02/24/2014 SCALE: 1" = 40'



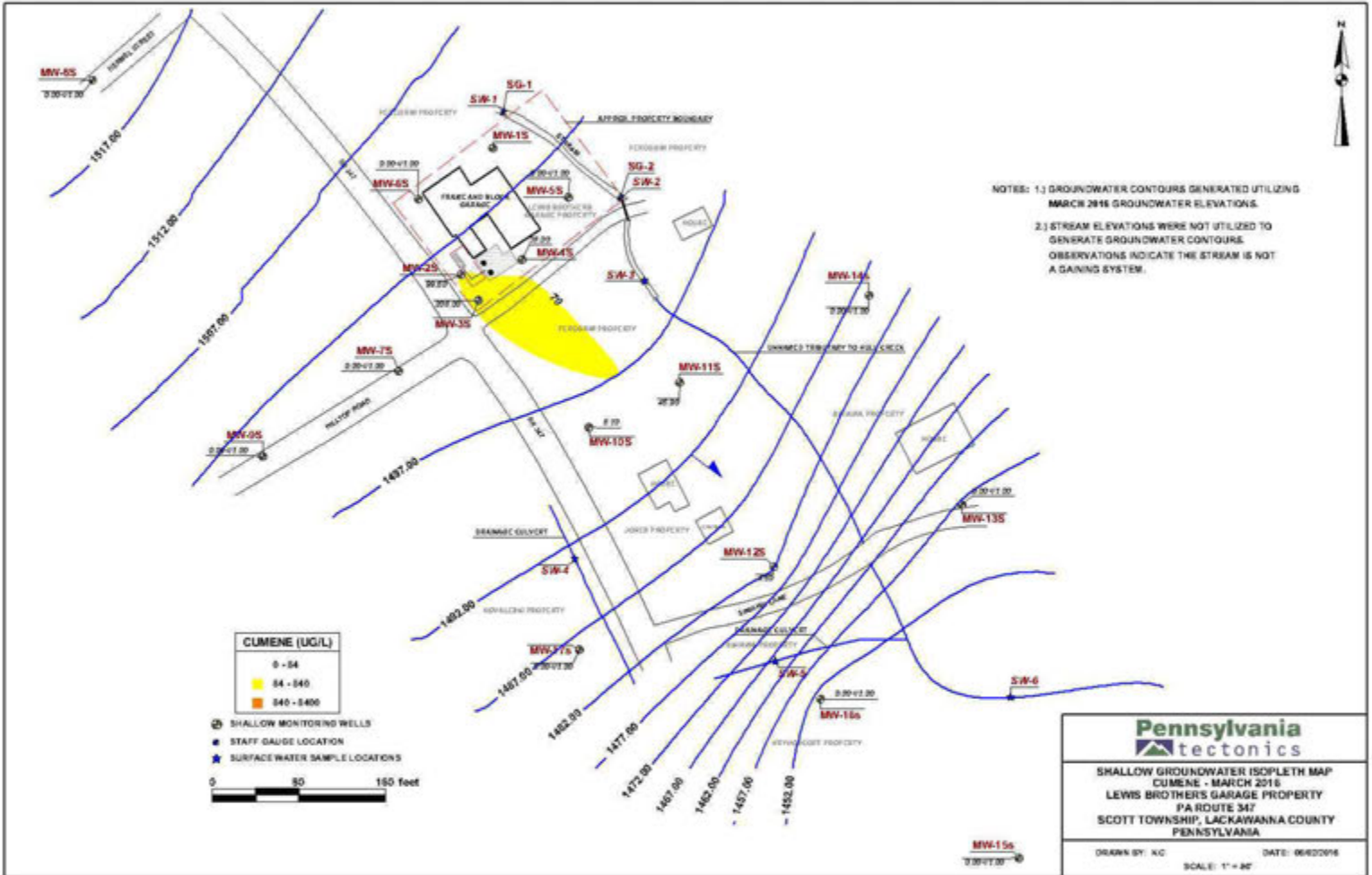




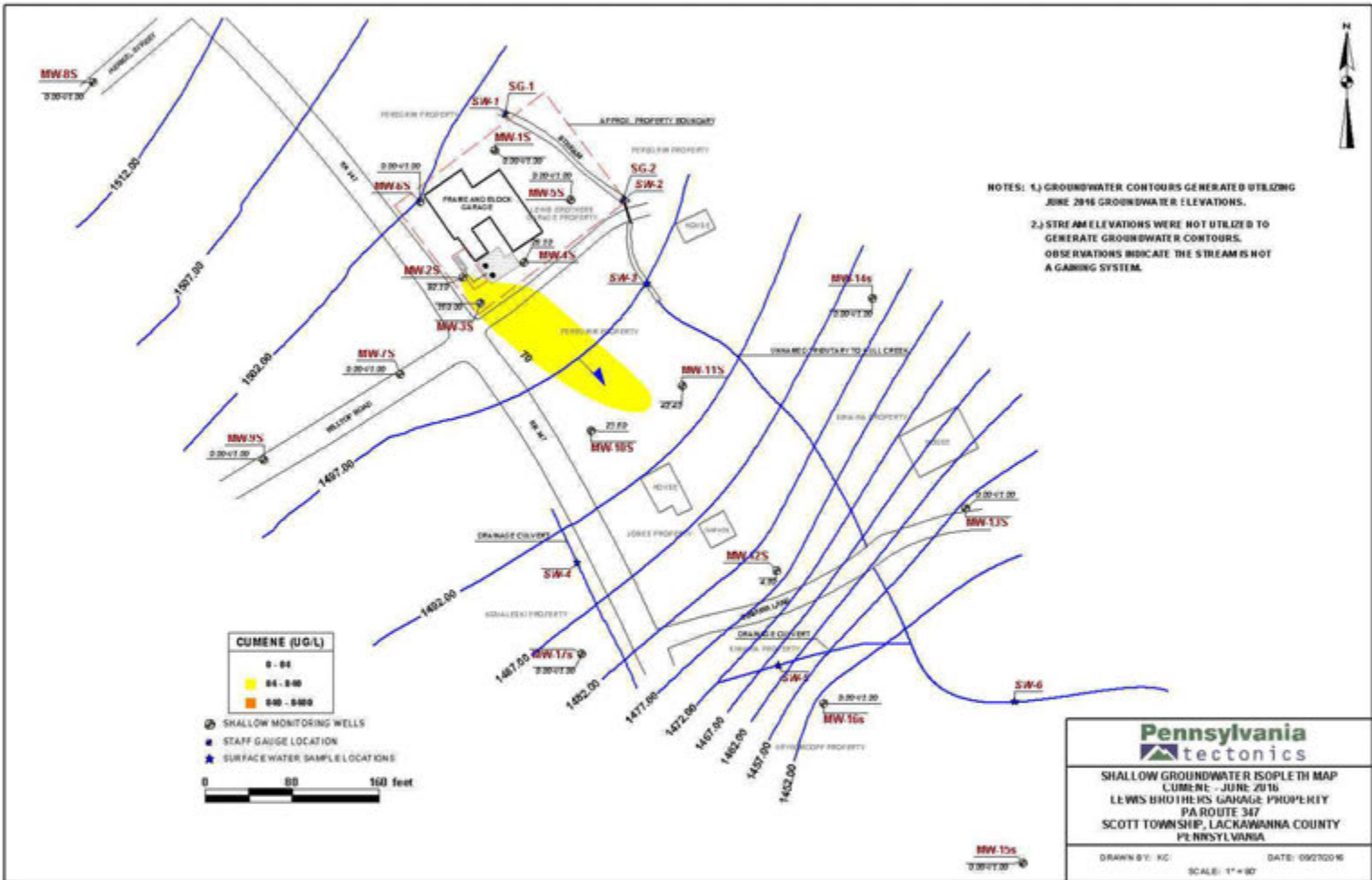
**Pennsylvania**  
tectonics

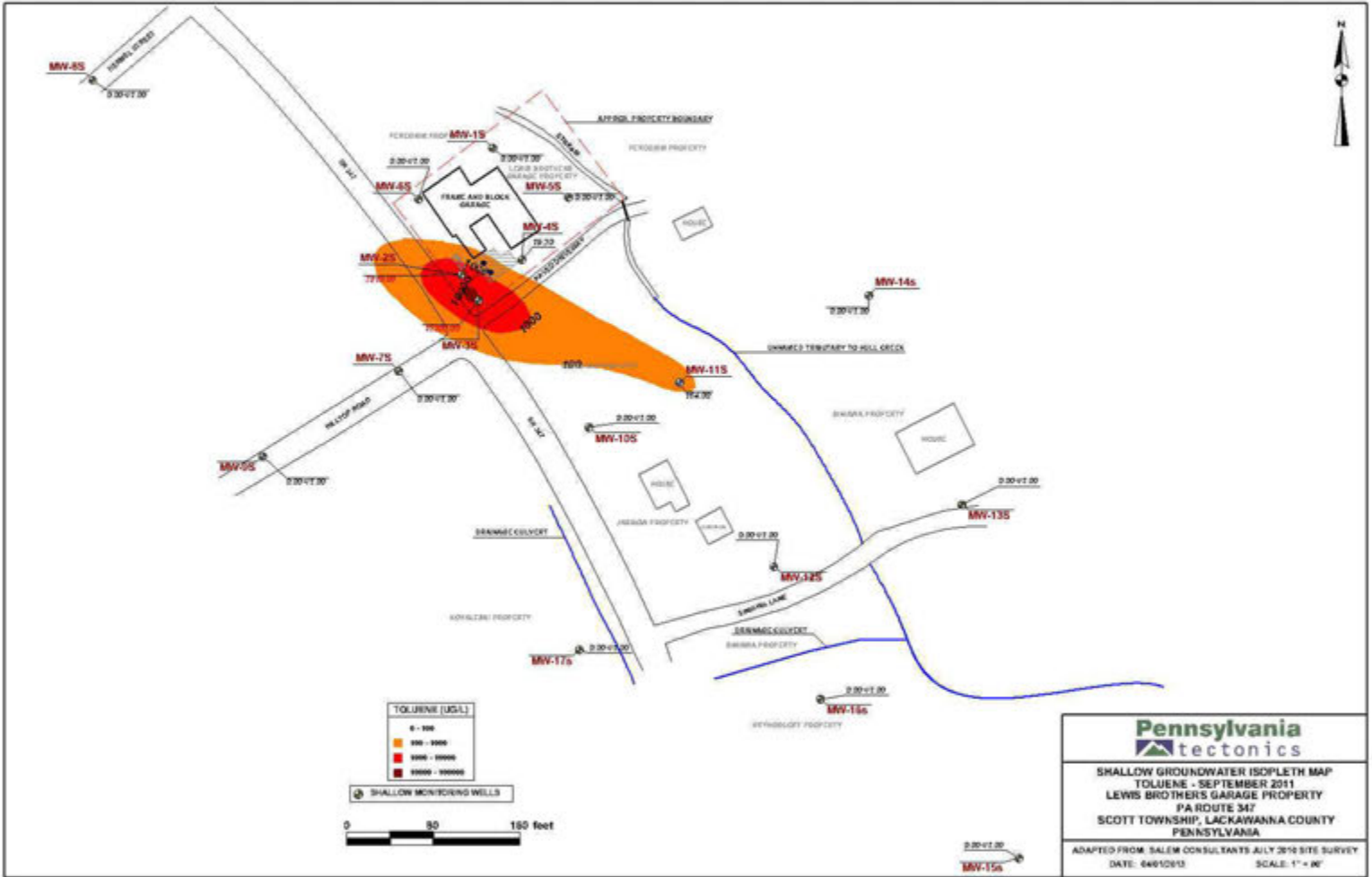
SHALLOW GROUNDWATER ISOPLETH MAP  
CUMENE - OCTOBER 2015  
LEWIS BROTHERS GARAGE PROPERTY  
PA ROUTE 347  
SCOTT TOWNSHIP, LACKAWANNA COUNTY  
PENNSYLVANIA

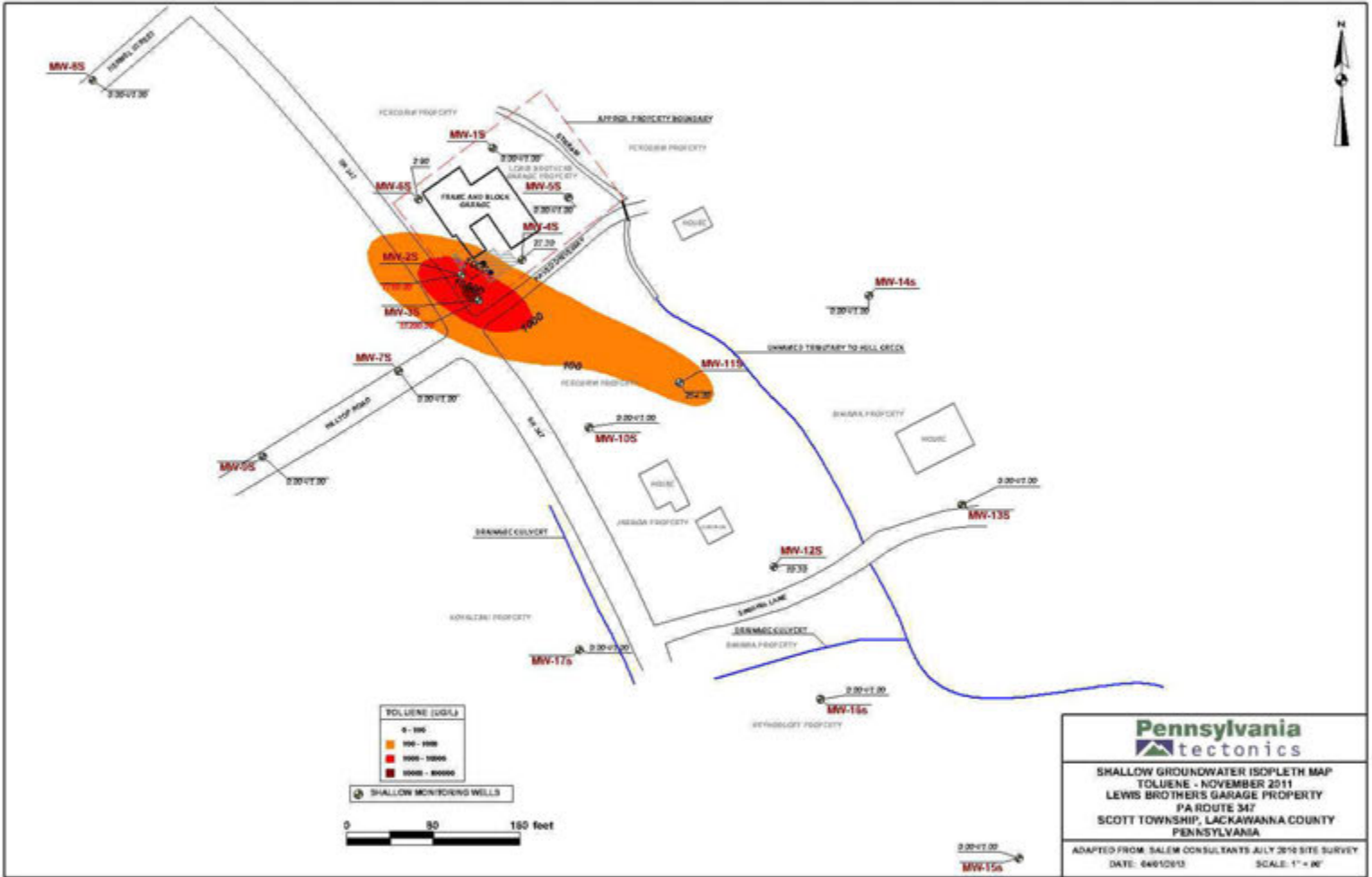
DRAWN BY: KC      DATE: 06/02/06  
SCALE: 1" = 40'

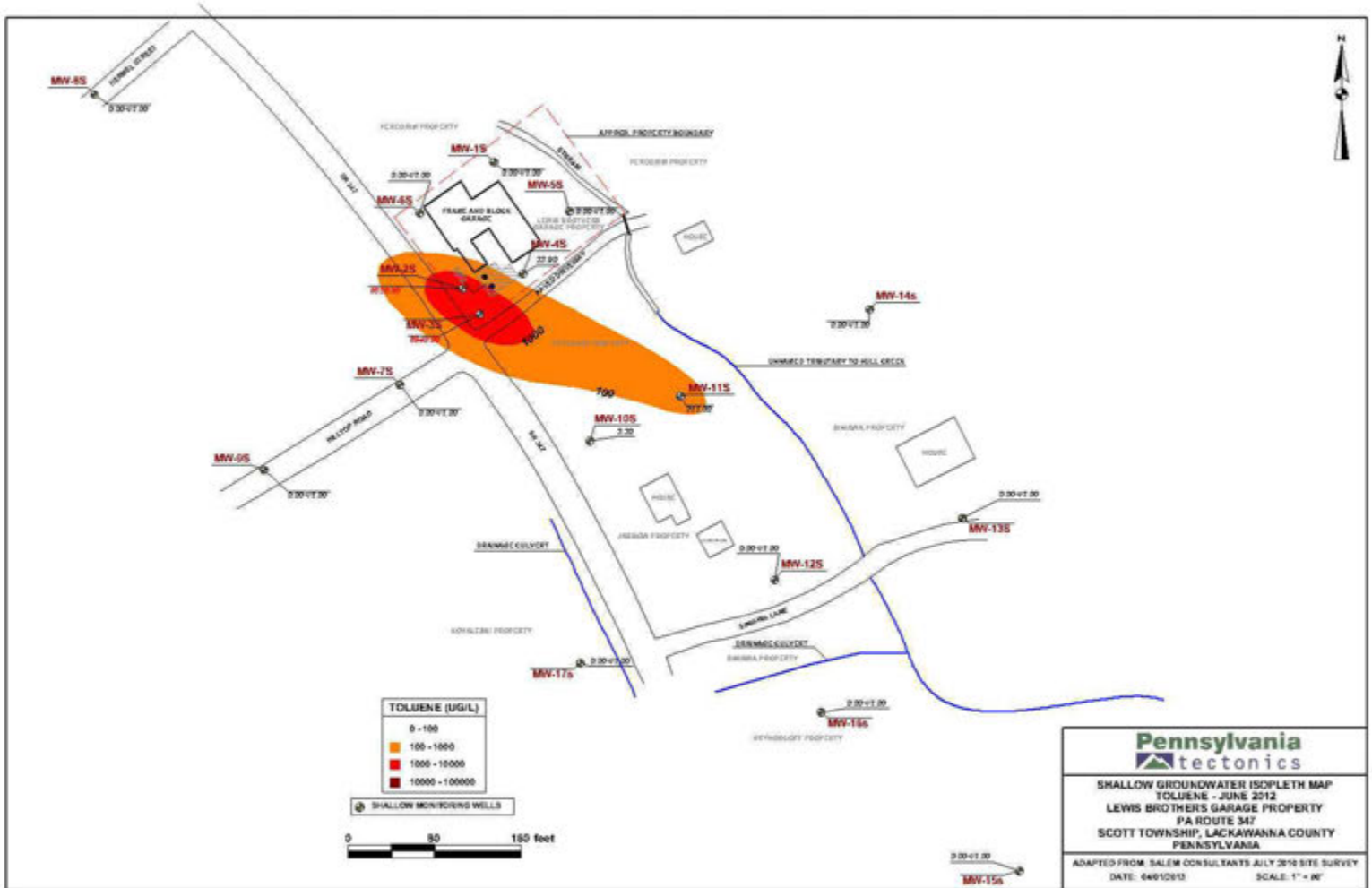


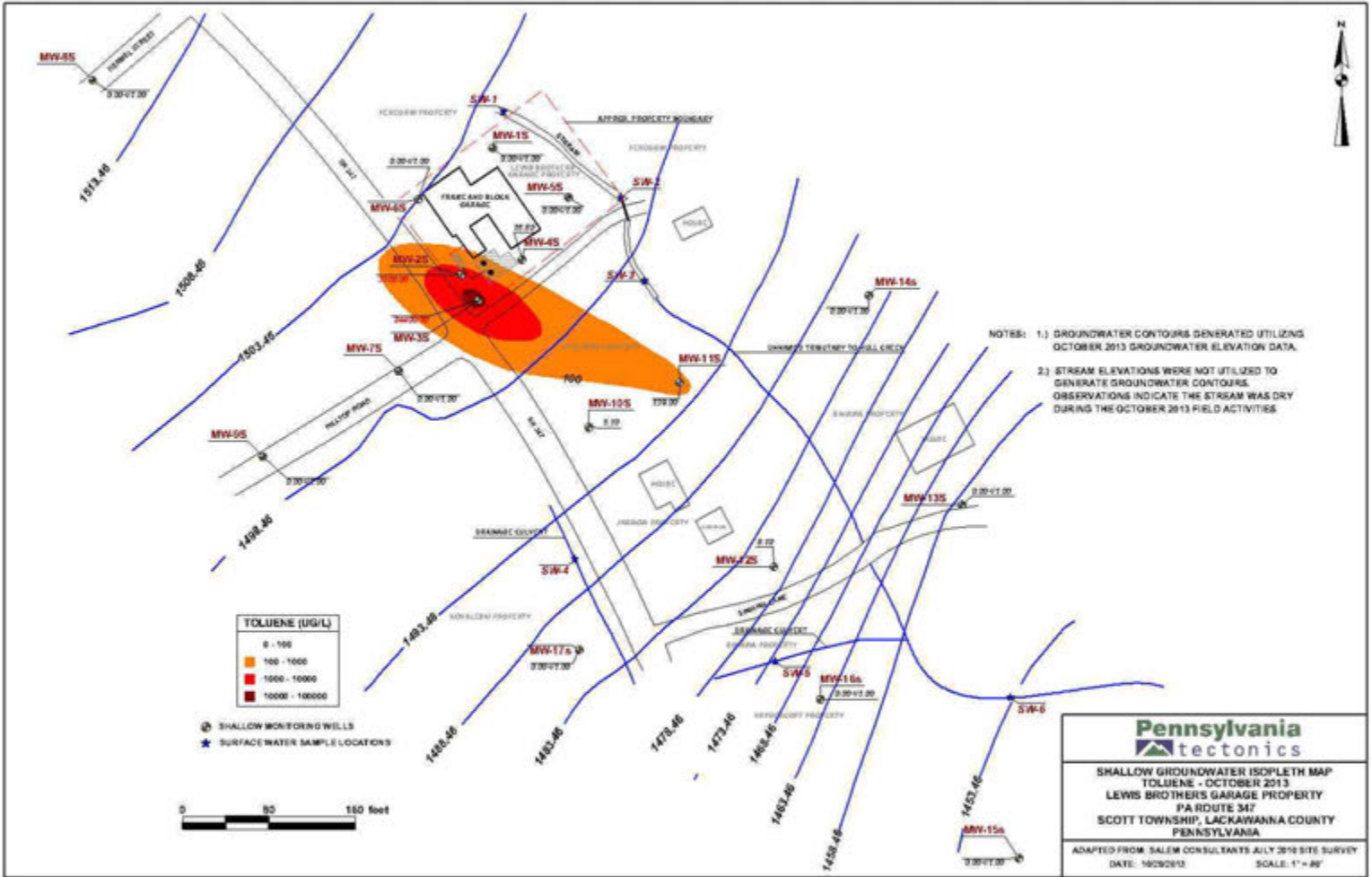


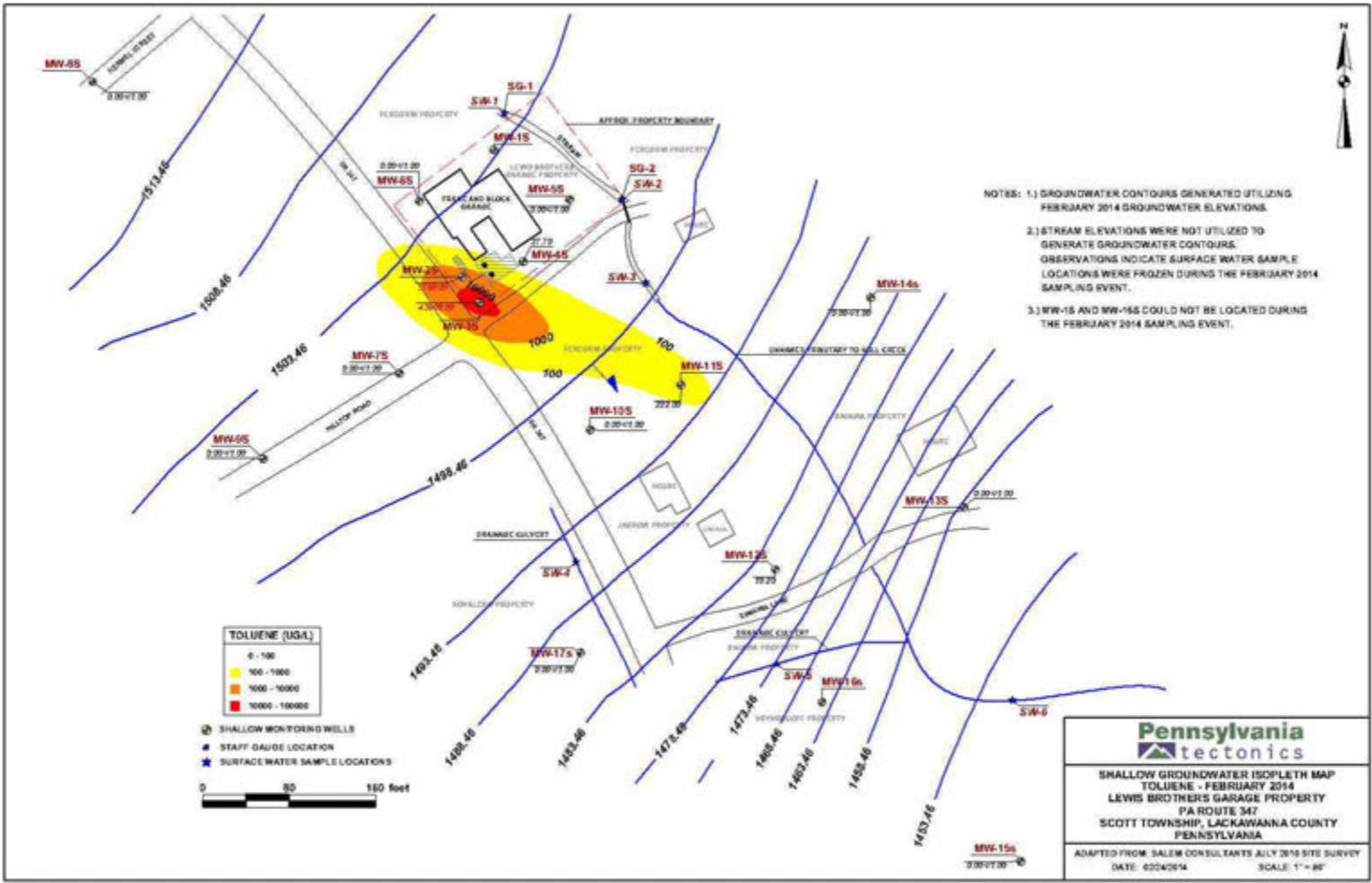












NOTES: 1.) GROUNDWATER CONTOURS GENERATED UTILIZING FEBRUARY 2014 GROUNDWATER ELEVATIONS.  
 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE SURFACE WATER SAMPLE LOCATIONS WERE FROZEN DURING THE FEBRUARY 2014 SAMPLING EVENT.  
 3.) MW-1S AND MW-16S COULD NOT BE LOCATED DURING THE FEBRUARY 2014 SAMPLING EVENT.

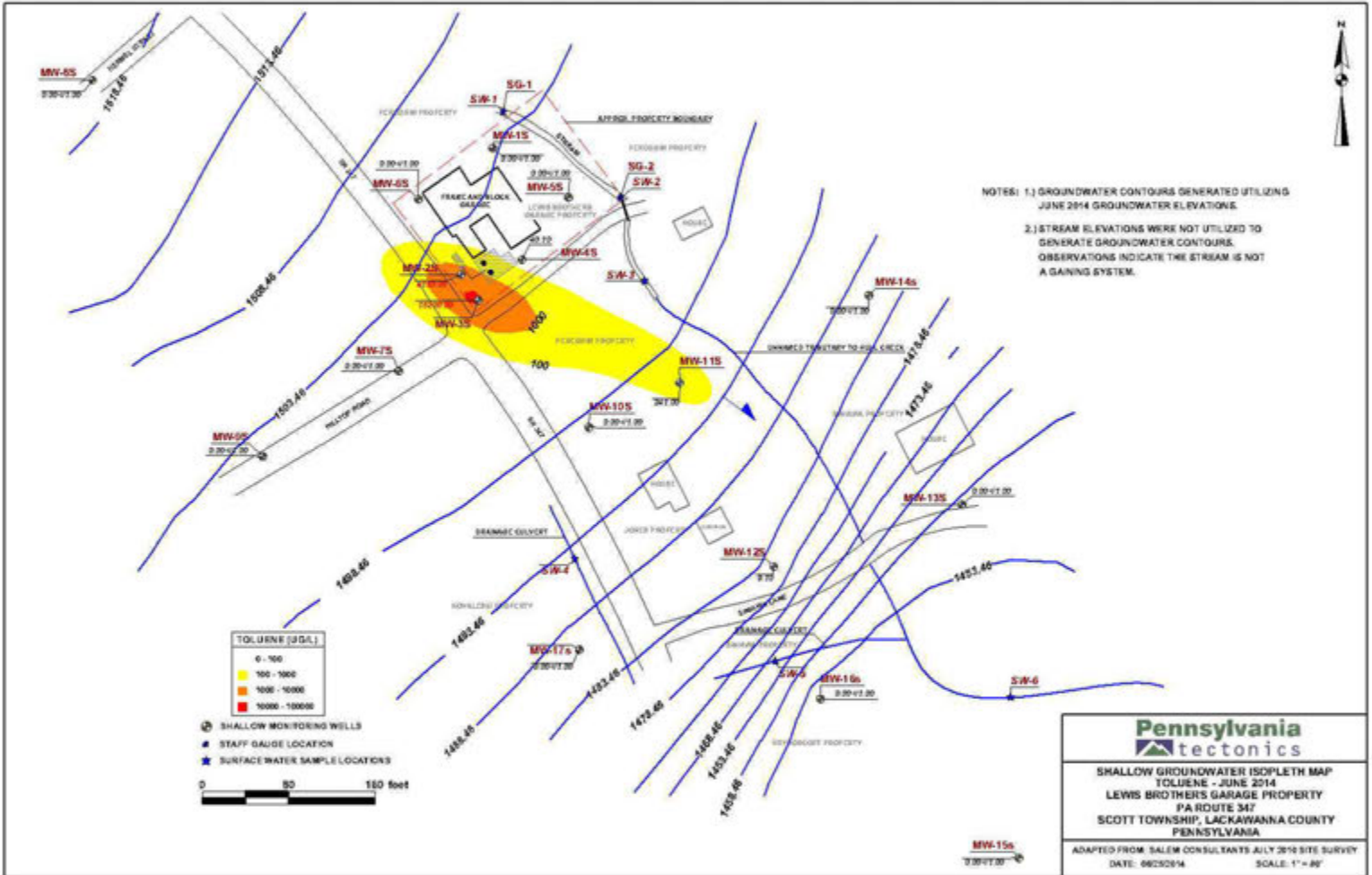
TOLUENE (UGA)	
0 - 100	White
100 - 1000	Yellow
1000 - 10000	Orange
10000 - 100000	Red

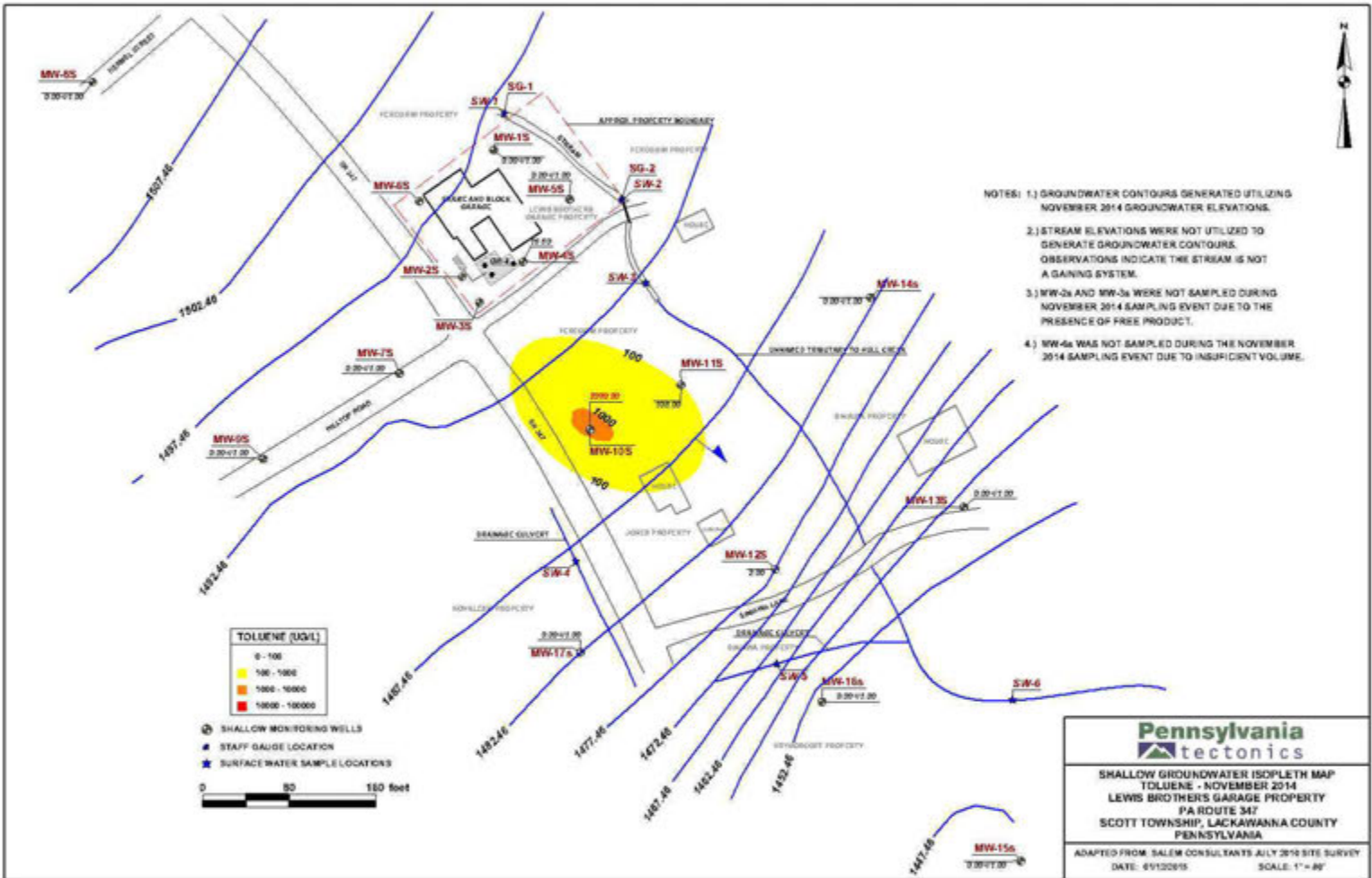
- SHALLOW MONITORING WELLS
- STAFF GAUGE LOCATION
- ★ SURFACE WATER SAMPLE LOCATIONS

**Pennsylvania tectonics**

SHALLOW GROUNDWATER ISOPLETH MAP  
 TOLUENE - FEBRUARY 2014  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 342  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

ADAPTED FROM SALEM CONSULTANTS JULY 2016 SITE SURVEY  
 DATE: 4/22/2014 SCALE: 1" = 80'





- NOTES:
- 1.) GROUNDWATER CONTOURS GENERATED UTILIZING NOVEMBER 2014 GROUNDWATER ELEVATIONS.
  - 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE THE STREAM IS NOT A GAINING SYSTEM.
  - 3.) MW-24 AND MW-34 WERE NOT SAMPLED DURING NOVEMBER 2014 SAMPLING EVENT DUE TO THE PRESENCE OF FREE PRODUCT.
  - 4.) MW-64 WAS NOT SAMPLED DURING THE NOVEMBER 2014 SAMPLING EVENT DUE TO INSUFFICIENT VOLUME.

TOLUENE (UG/L)	
0 - 100	(White)
100 - 1000	(Yellow)
1000 - 10000	(Orange)
10000 - 100000	(Red)

● SHALLOW MONITORING WELLS  
 ▲ STAFF GAUGE LOCATION  
 ★ SURFACE WATER SAMPLE LOCATIONS

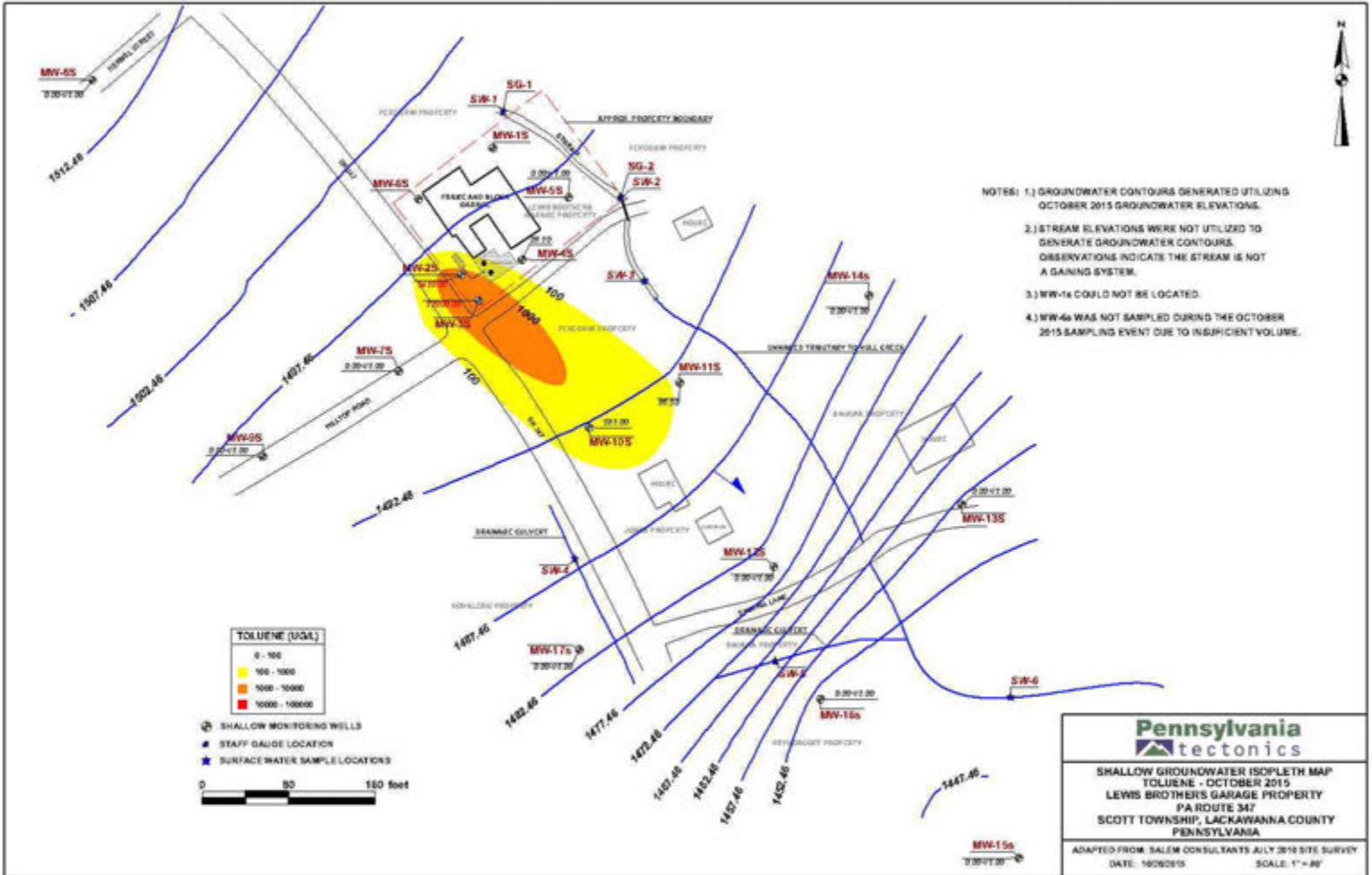
0 50 100 Feet

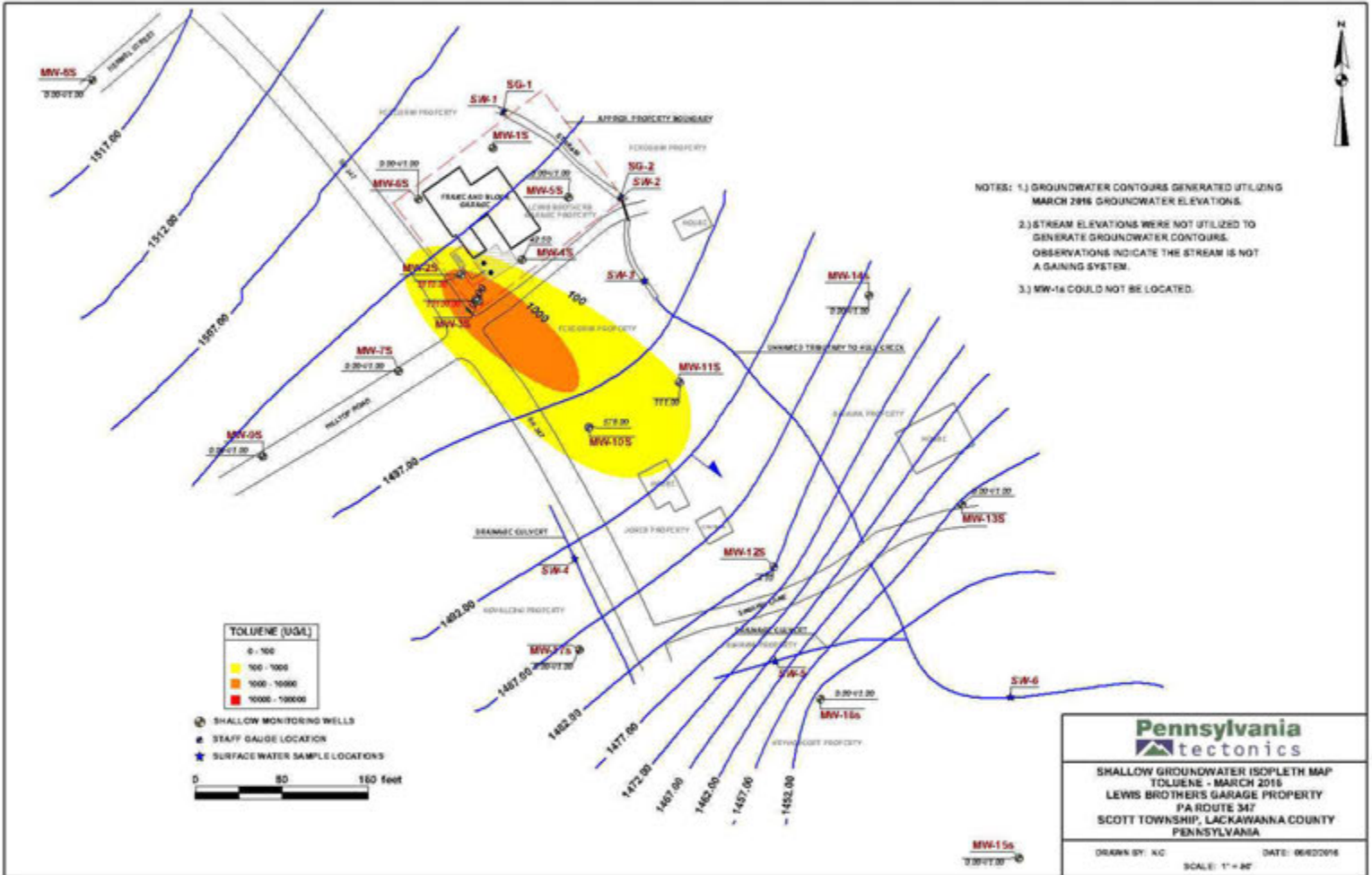
**Pennsylvania**  
tectonics

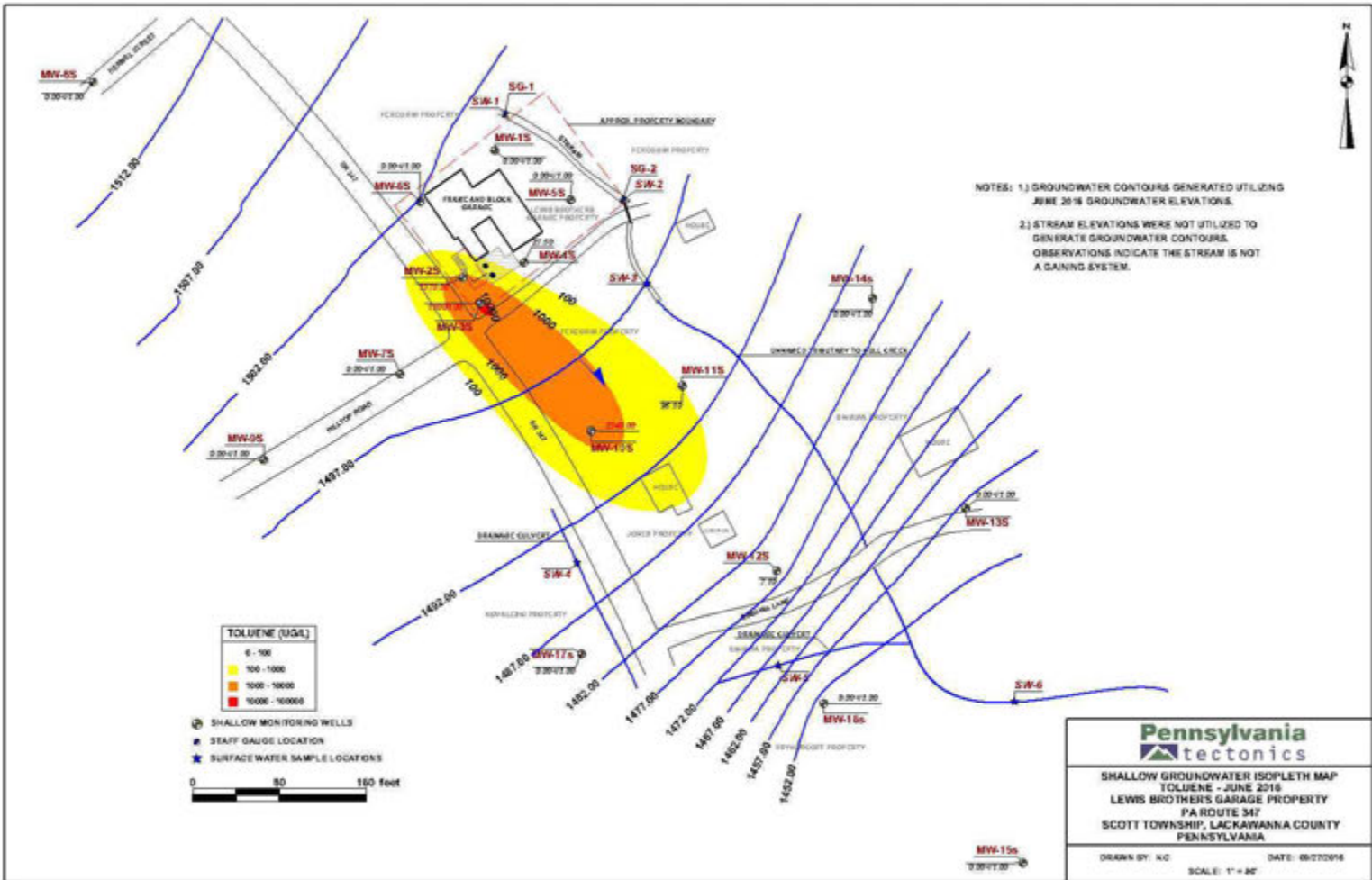
SHALLOW GROUNDWATER ISOPLETH MAP  
TOLUENE - NOVEMBER 2014  
LEWIS BROTHERS GARAGE PROPERTY  
PA ROUTE 347  
SCOTT TOWNSHIP, LACKAWANNA COUNTY  
PENNSYLVANIA

ADAPTED FROM SALEM CONSULTANTS JULY 2010 SITE SURVEY  
DATE: 01/12/2015 SCALE: 1" = 40'



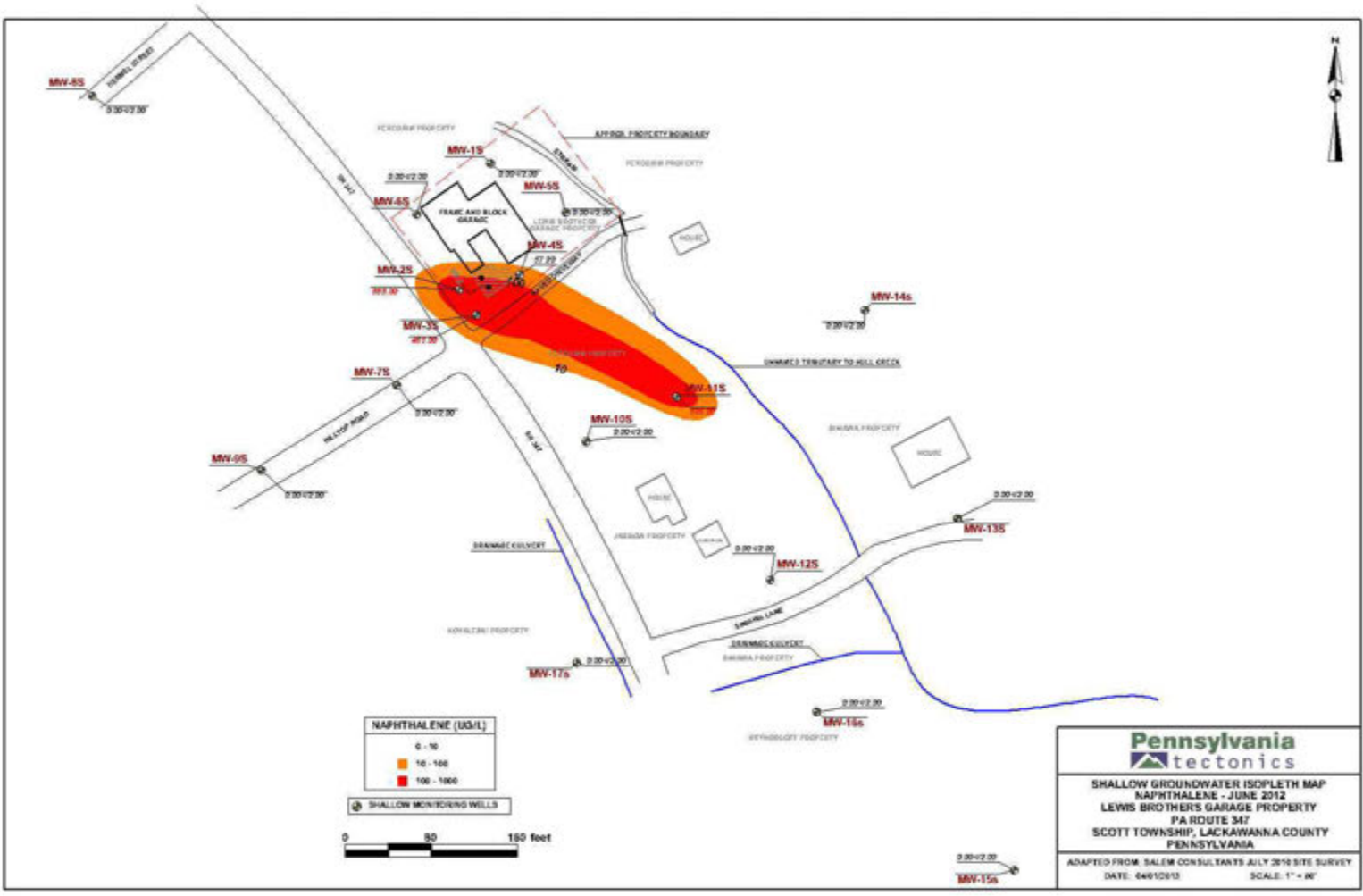












NAPHTHALENE (UG/L)	
0 - 10	(White)
10 - 100	(Orange)
100 - 1000	(Red)

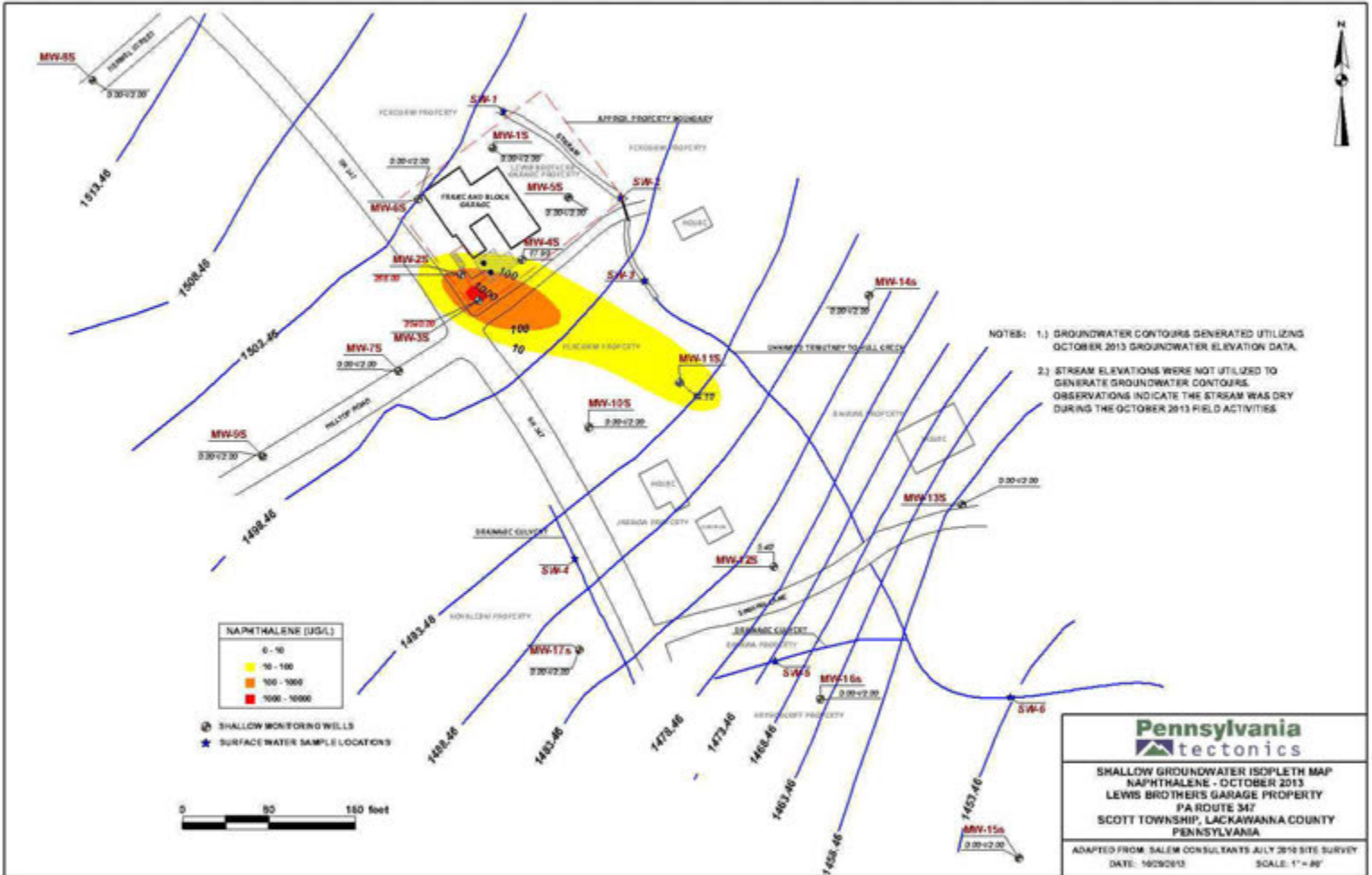
SHALLOW MONITORING WELLS

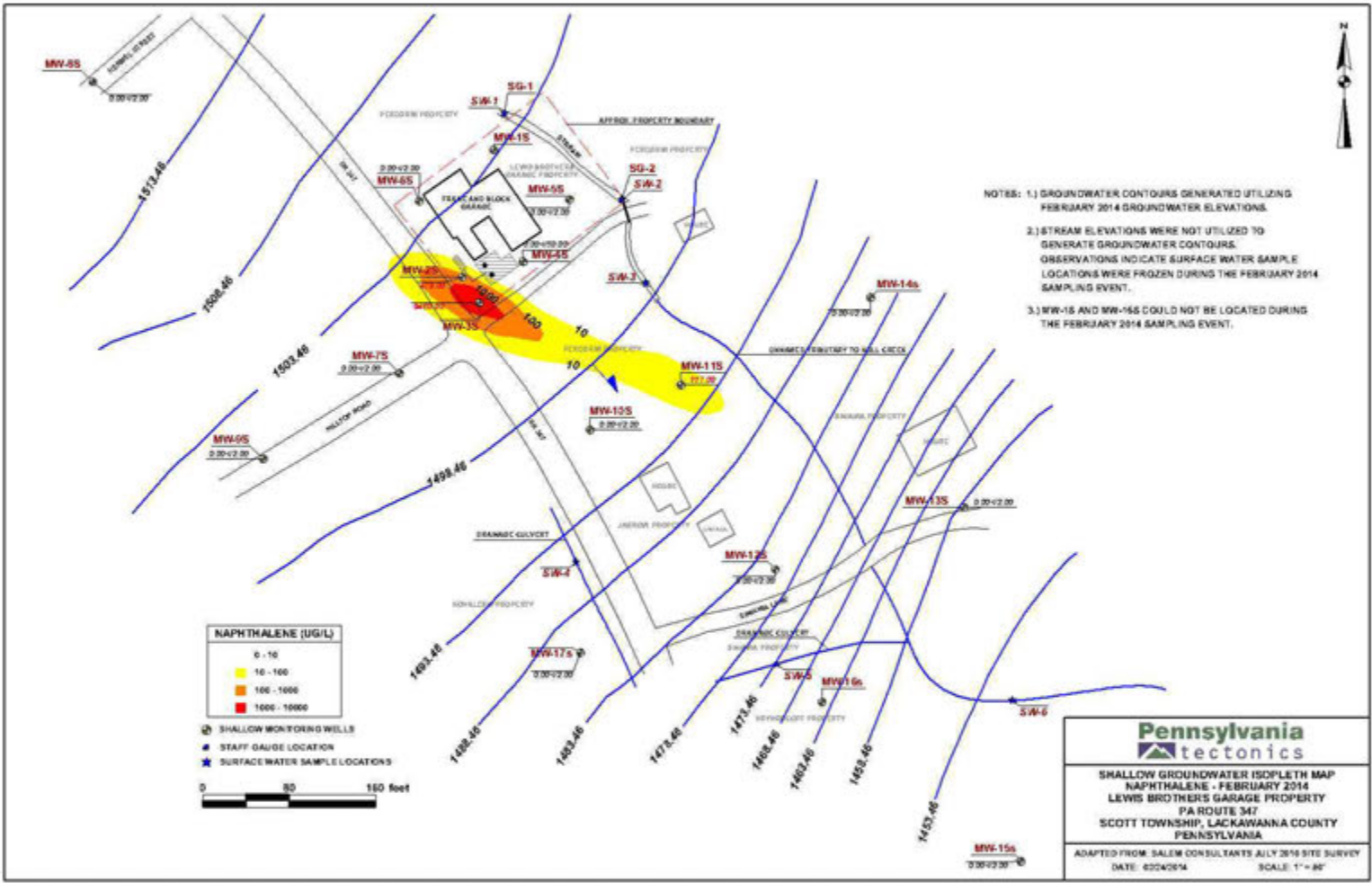


**Pennsylvania**  
tectonics

SHALLOW GROUNDWATER ISOPLETH MAP  
NAPHTHALENE - JUNE 2012  
LEWIS BROTHERS GARAGE PROPERTY  
PA ROUTE 347  
SCOTT TOWNSHIP, LACKAWANNA COUNTY  
PENNSYLVANIA

ADAPTED FROM SALEM CONSULTANTS JULY 2010 SITE SURVEY  
DATE: 04/10/13 SCALE: 1" = 40'





NOTES: 1.) GROUNDWATER CONTOURS GENERATED UTILIZING FEBRUARY 2014 GROUNDWATER ELEVATIONS.  
 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE SURFACE WATER SAMPLE LOCATIONS WERE FROZEN DURING THE FEBRUARY 2014 SAMPLING EVENT.  
 3.) MW-15 AND MW-146 COULD NOT BE LOCATED DURING THE FEBRUARY 2014 SAMPLING EVENT.

NAPHTHALENE (UG/L)	
0 - 10	Lightest Yellow
10 - 100	Yellow
100 - 1000	Orange
1000 - 10000	Red

- SHALLOW MONITORING WELLS
- STAFF GAUGE LOCATION
- ★ SURFACE WATER SAMPLE LOCATIONS

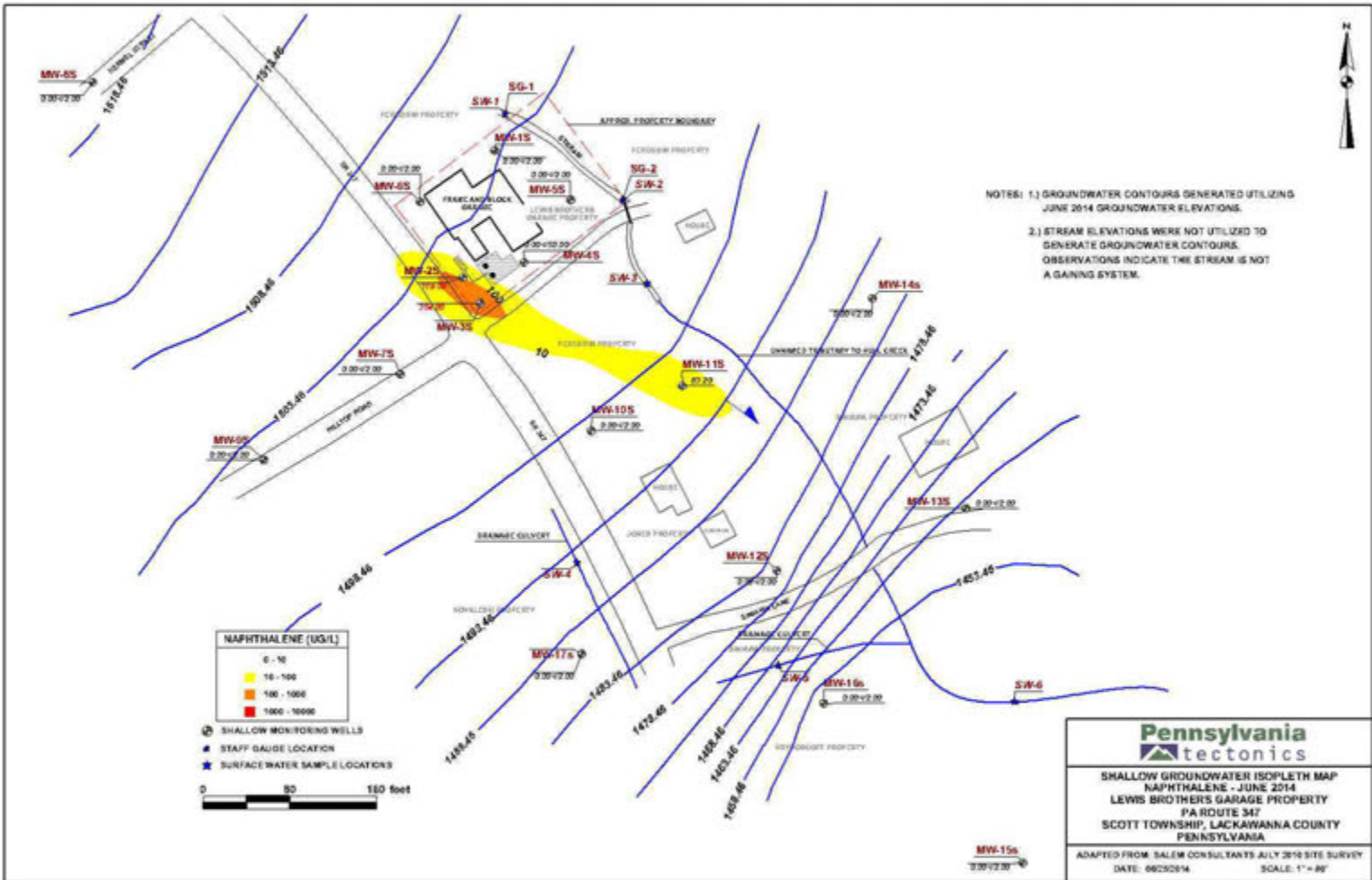


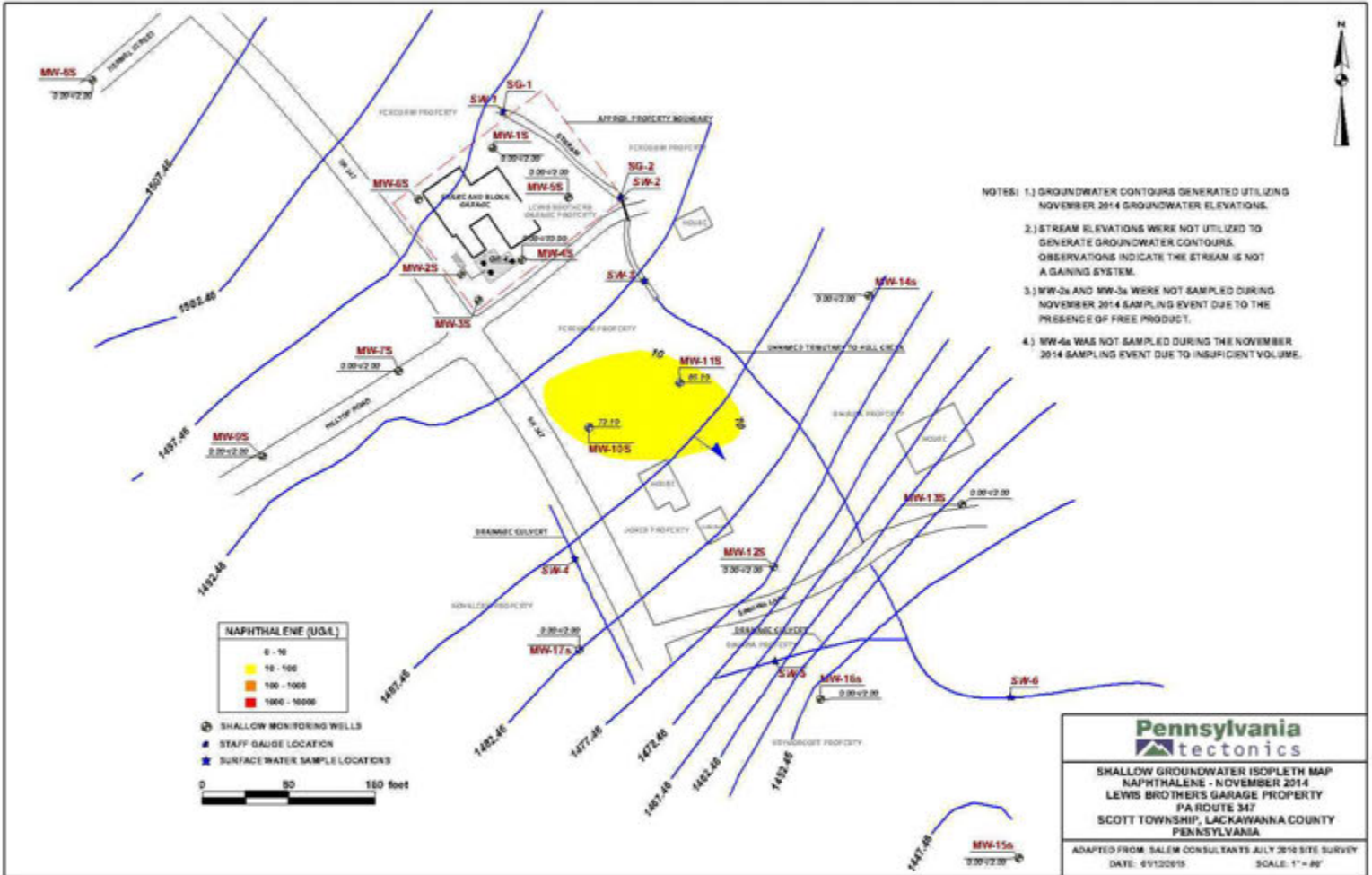
**Pennsylvania tectonics**

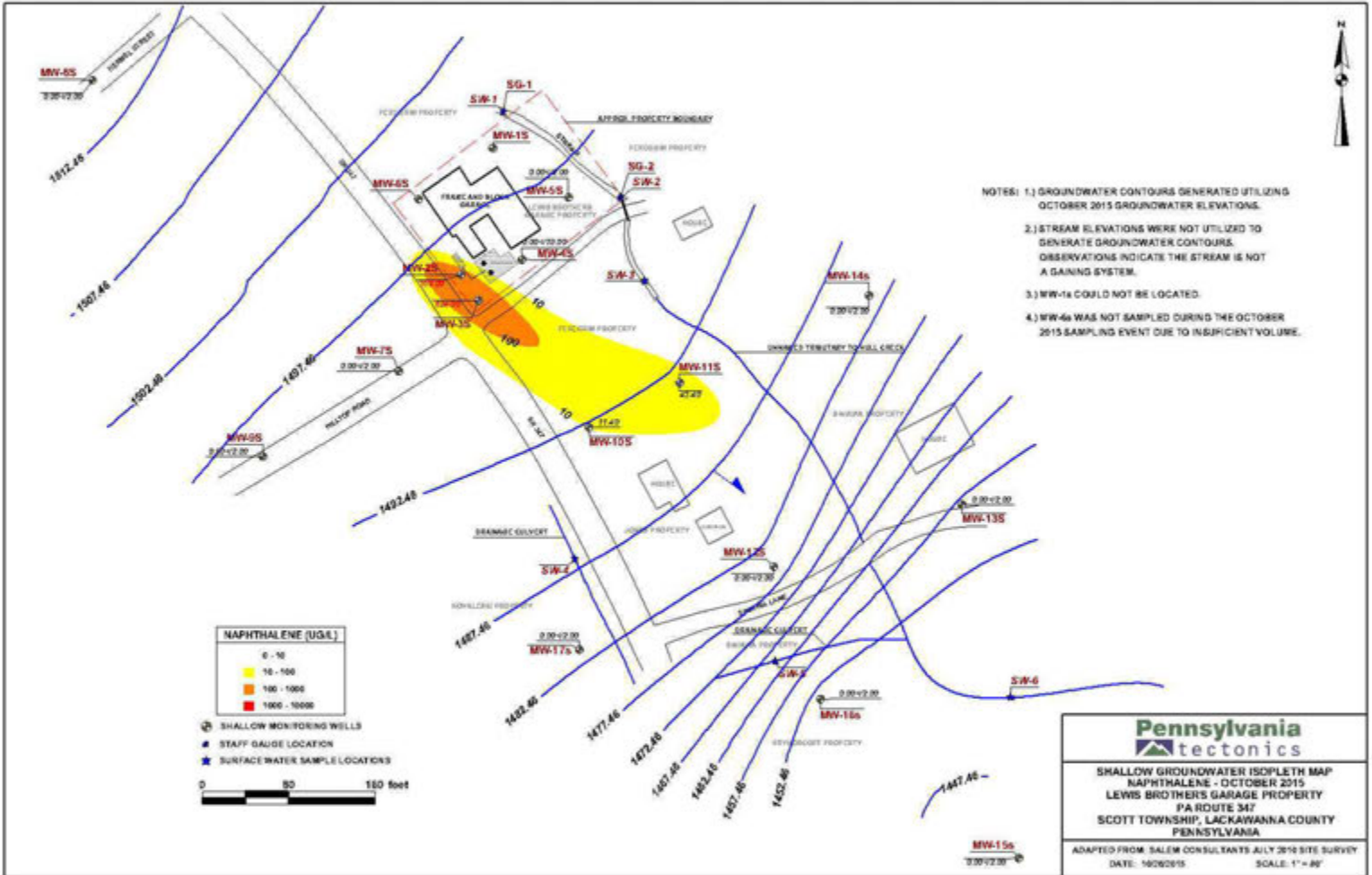
SHALLOW GROUNDWATER ISOPLETH MAP  
 NAPHTHALENE - FEBRUARY 2014  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 342  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

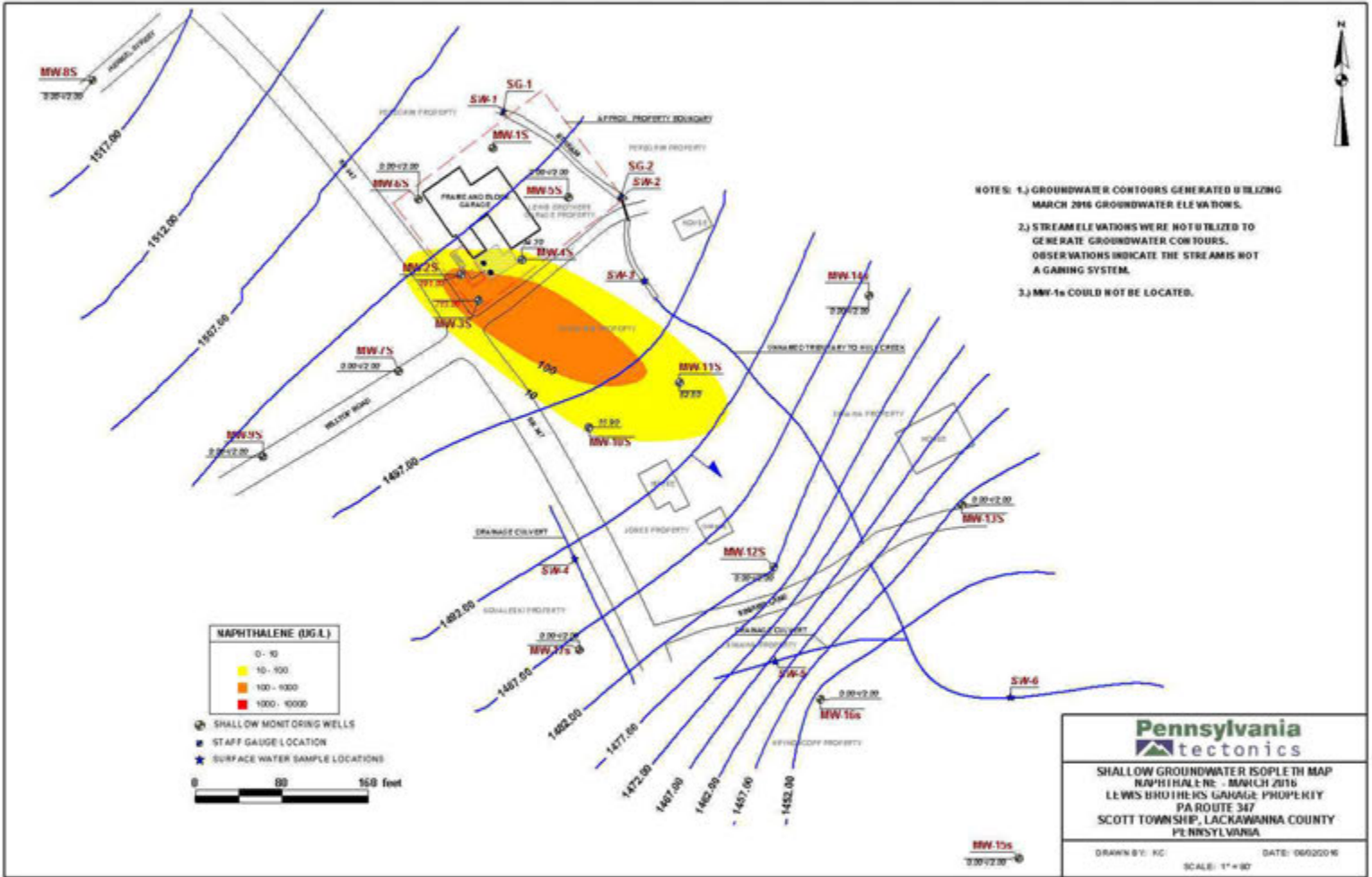
ADAPTED FROM: SALEM CONSULTANTS JULY 2016 SITE SURVEY  
 DATE: 02/24/2014 SCALE: 1" = 40'

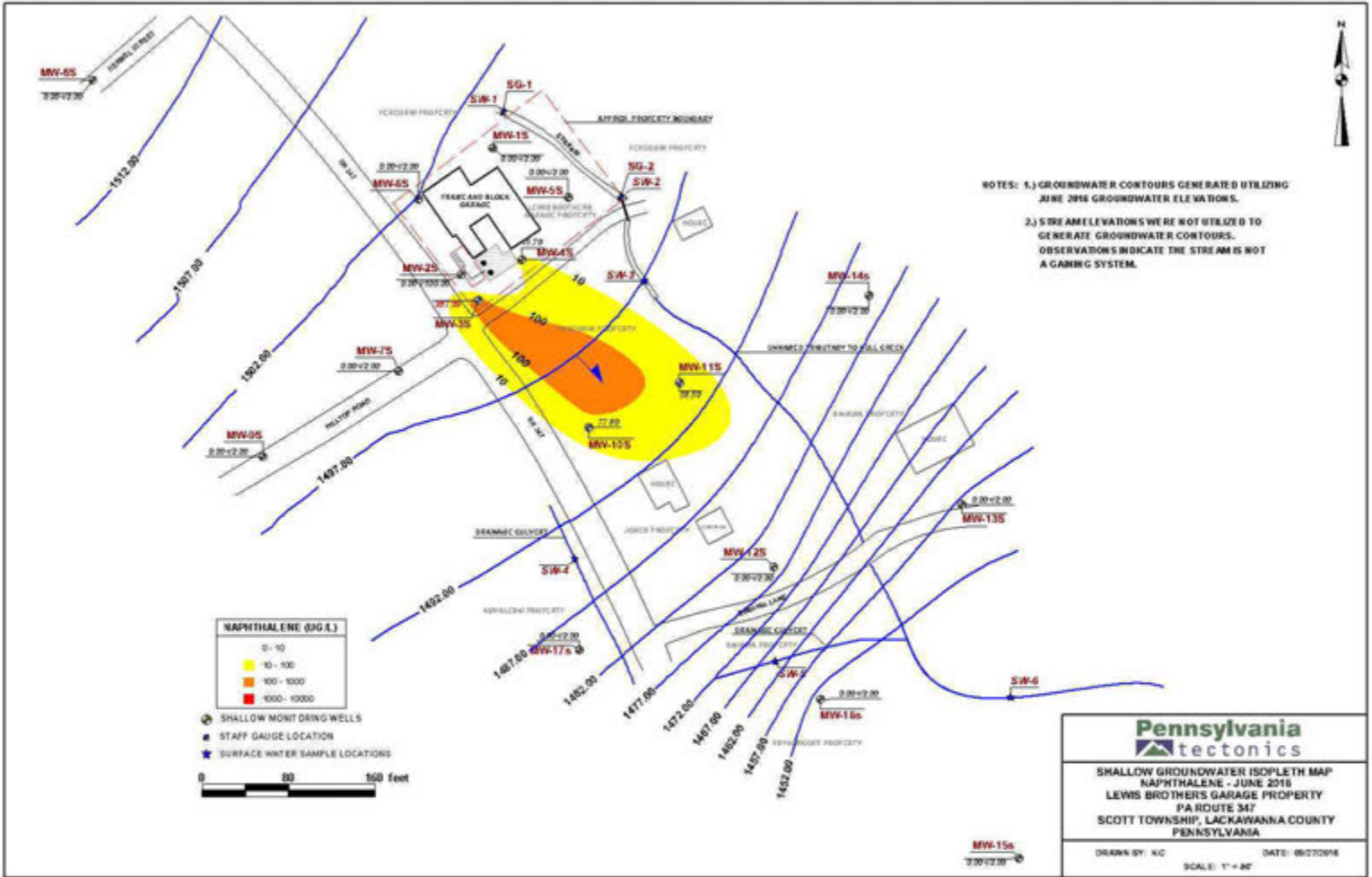


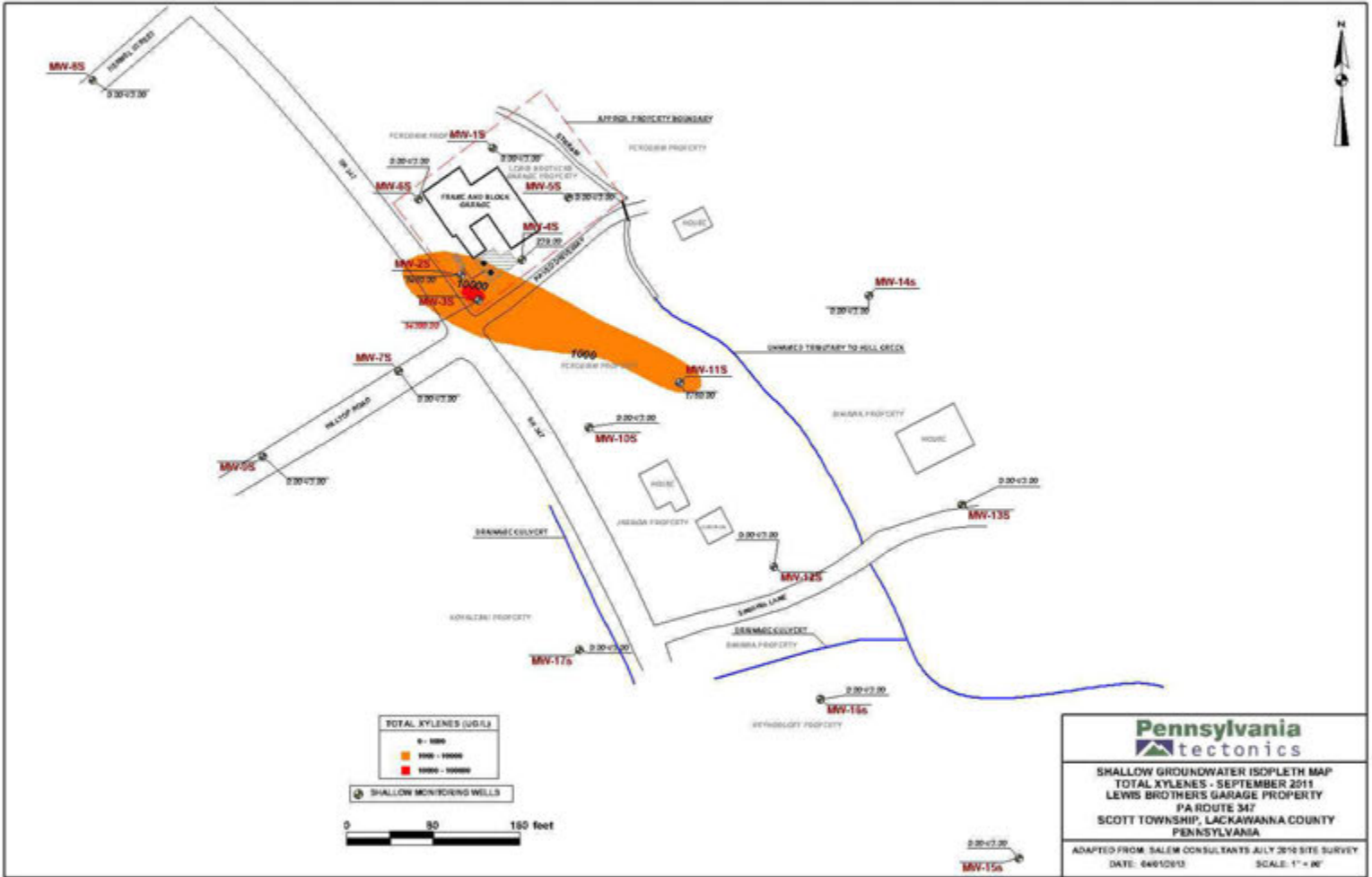


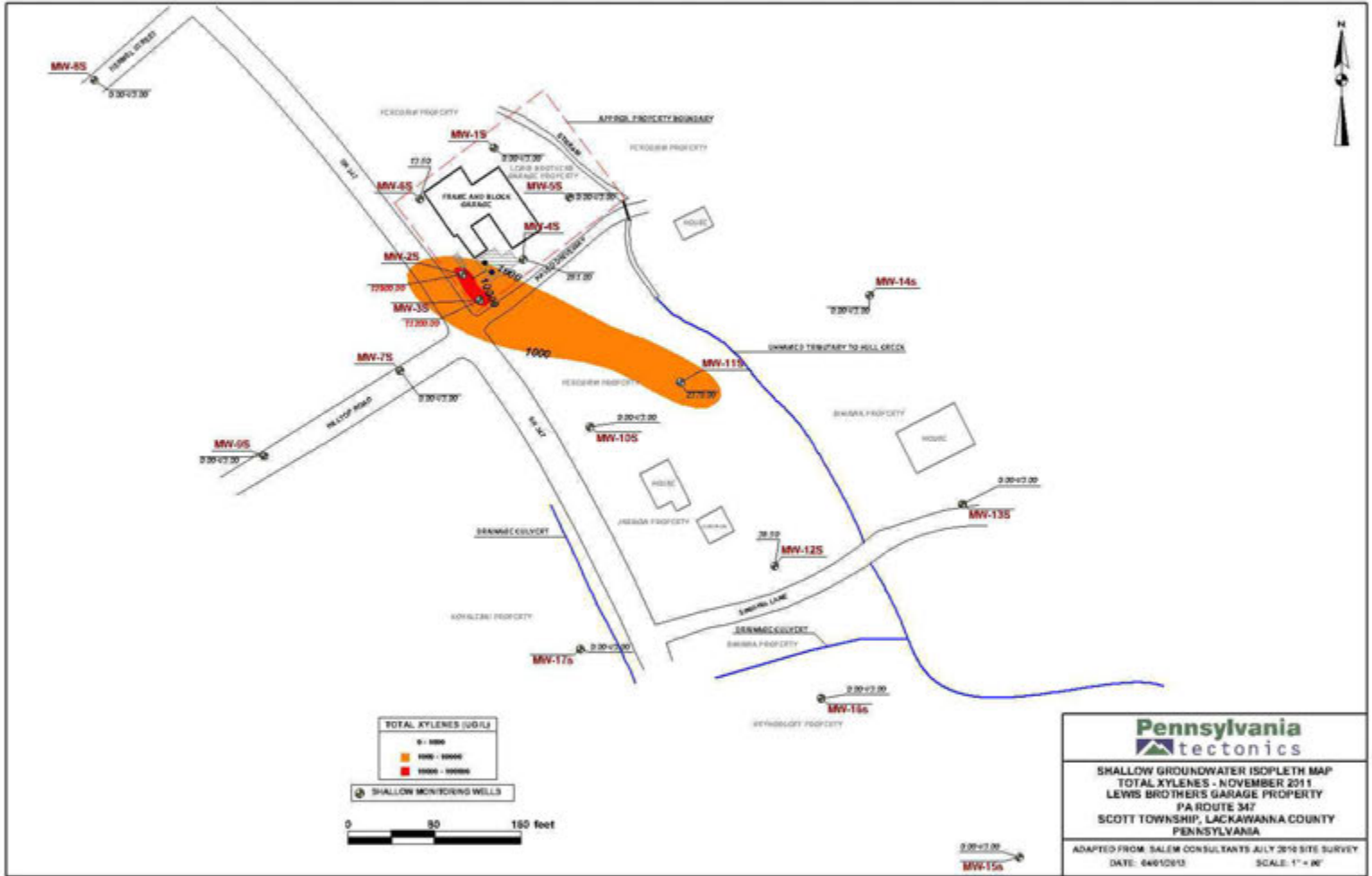


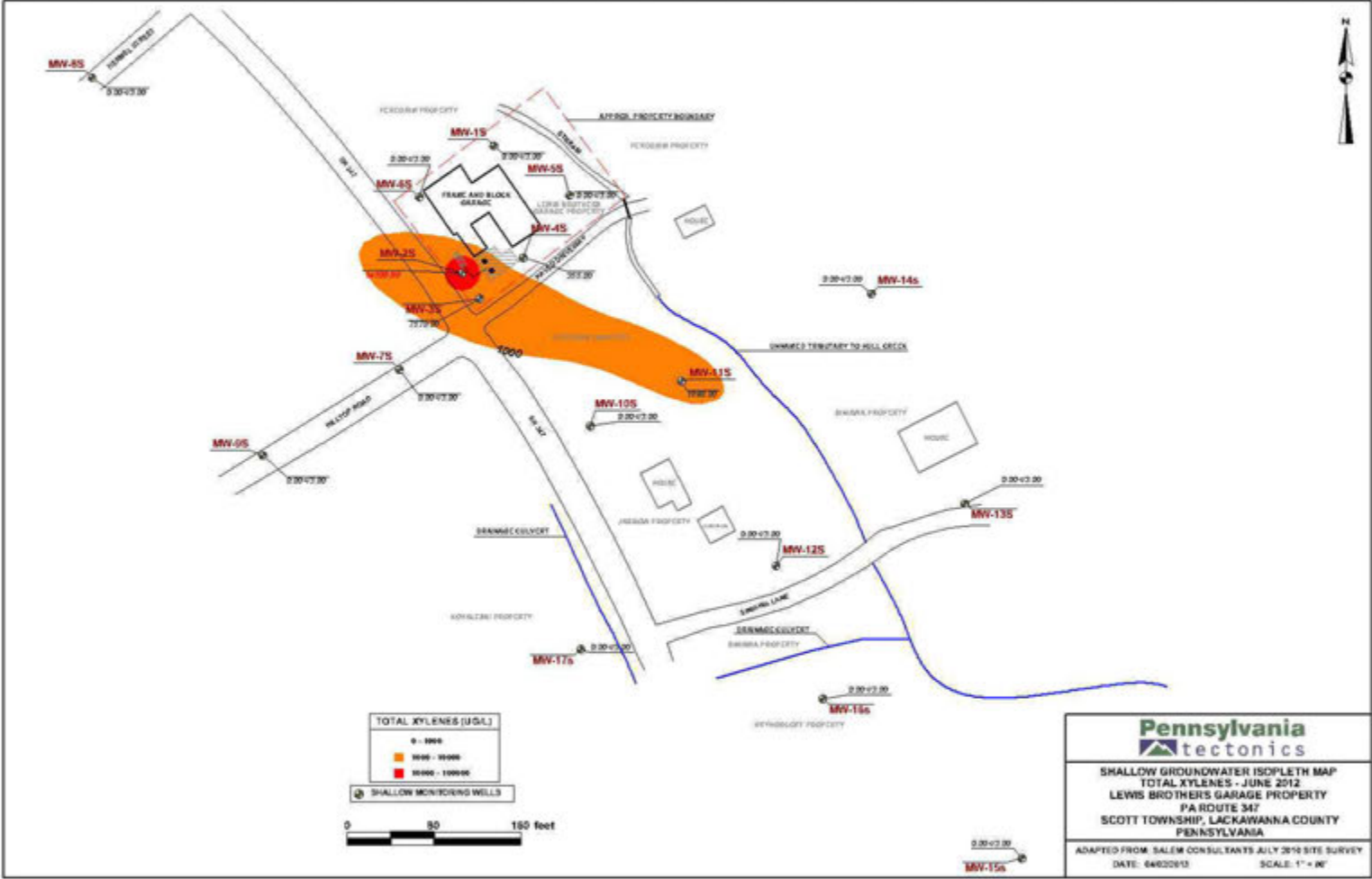




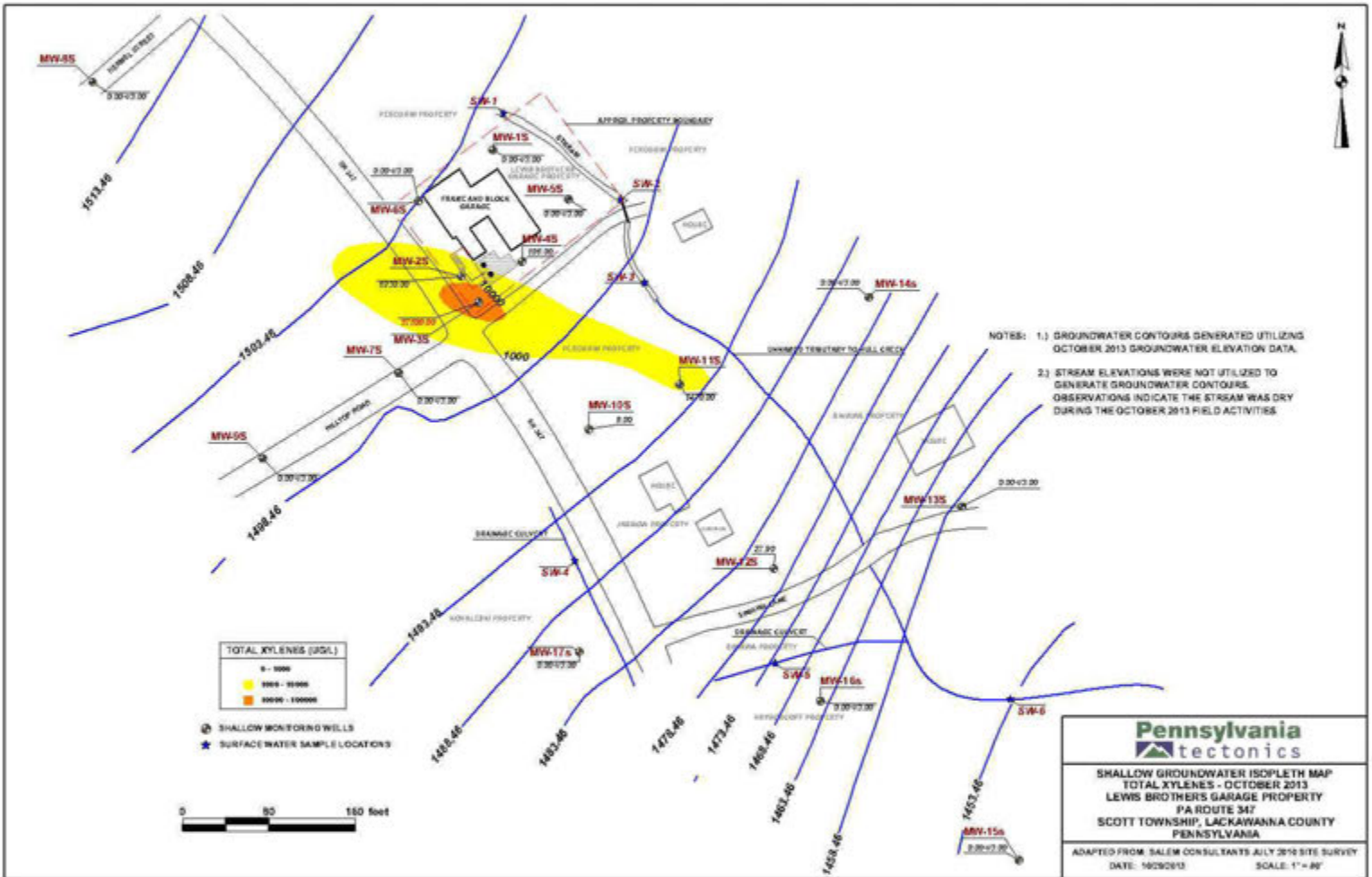


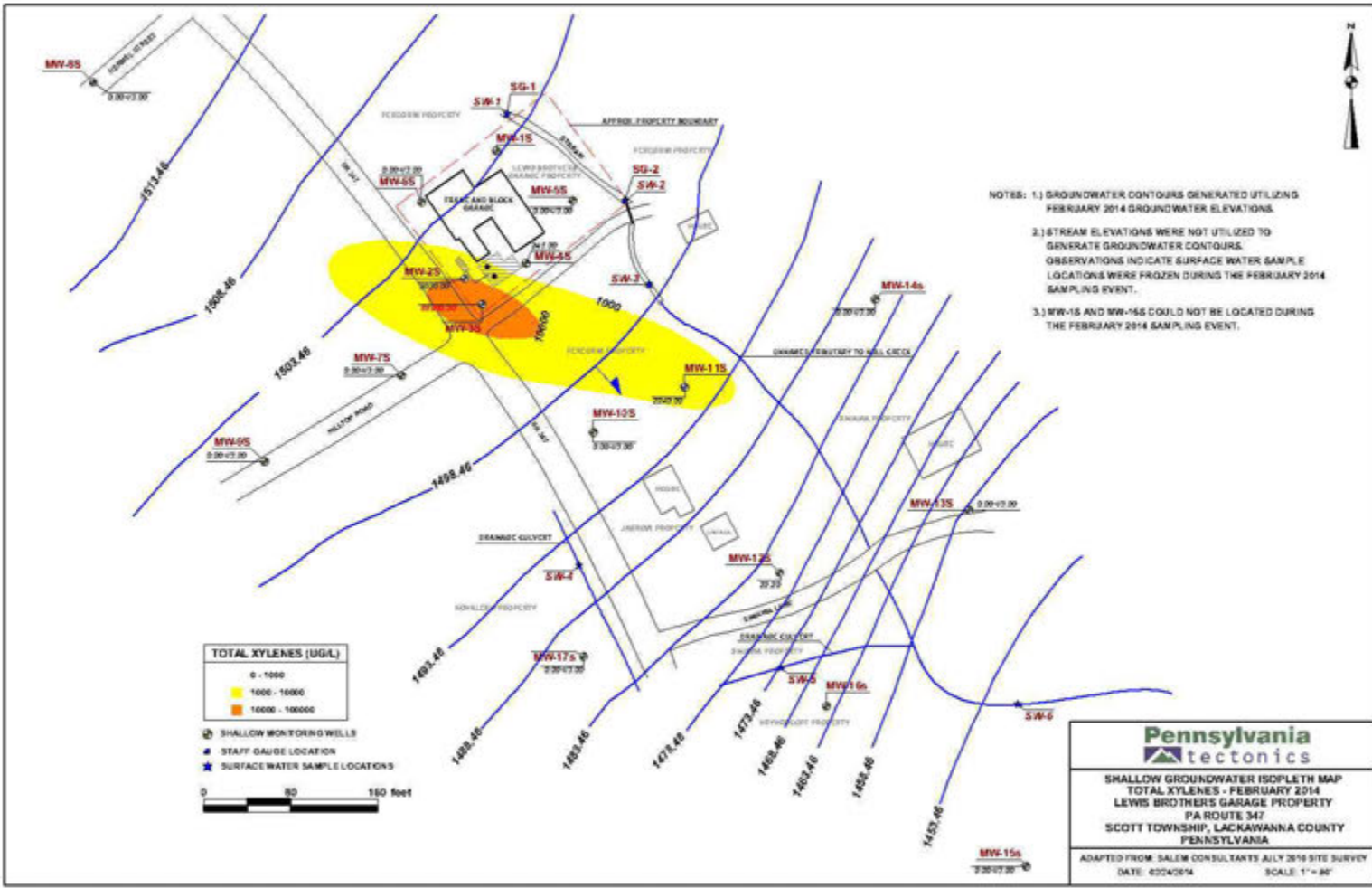












NOTES: 1.) GROUNDWATER CONTOURS GENERATED UTILIZING FEBRUARY 2014 GROUNDWATER ELEVATIONS.  
 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE SURFACE WATER SAMPLE LOCATIONS WERE FROZEN DURING THE FEBRUARY 2014 SAMPLING EVENT.  
 3.) MW-15 AND MW-145 COULD NOT BE LOCATED DURING THE FEBRUARY 2014 SAMPLING EVENT.

TOTAL XYLENES (UG/L)	
0 - 1000	(White)
1000 - 10000	(Yellow)
10000 - 100000	(Orange)

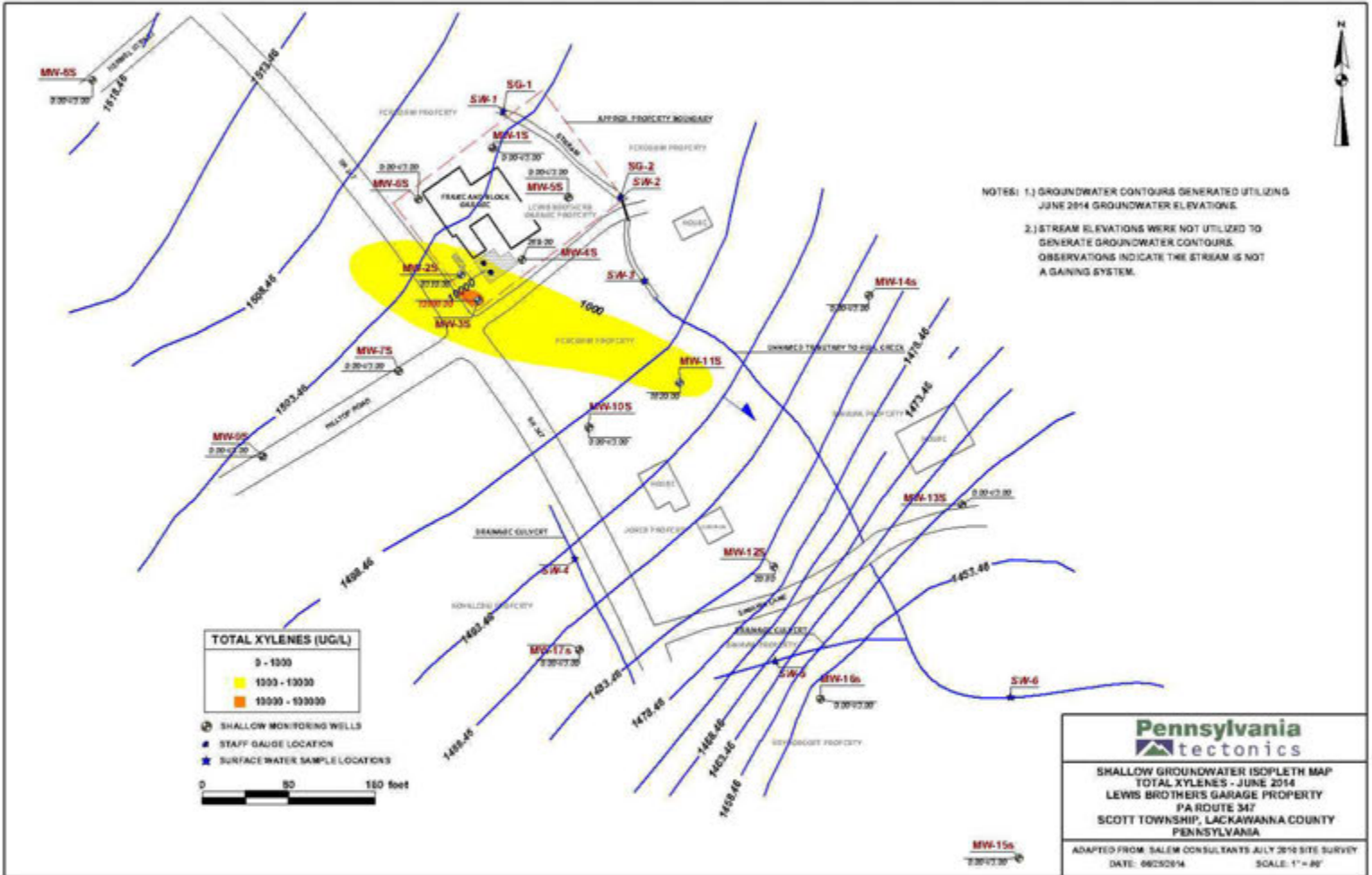
- SHALLOW MONITORING WELLS
- STAFF GAUGE LOCATION
- ★ SURFACE WATER SAMPLE LOCATIONS

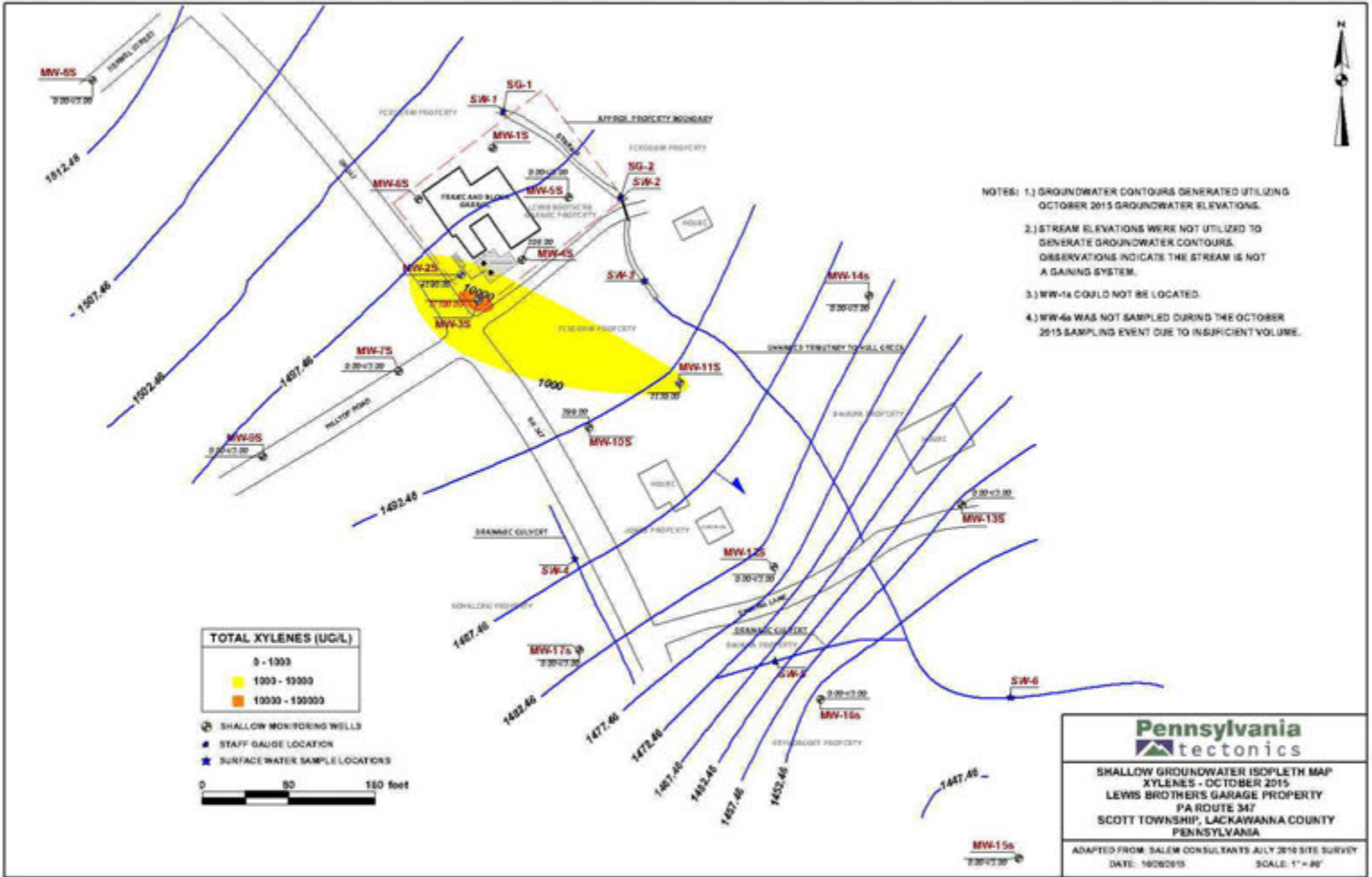


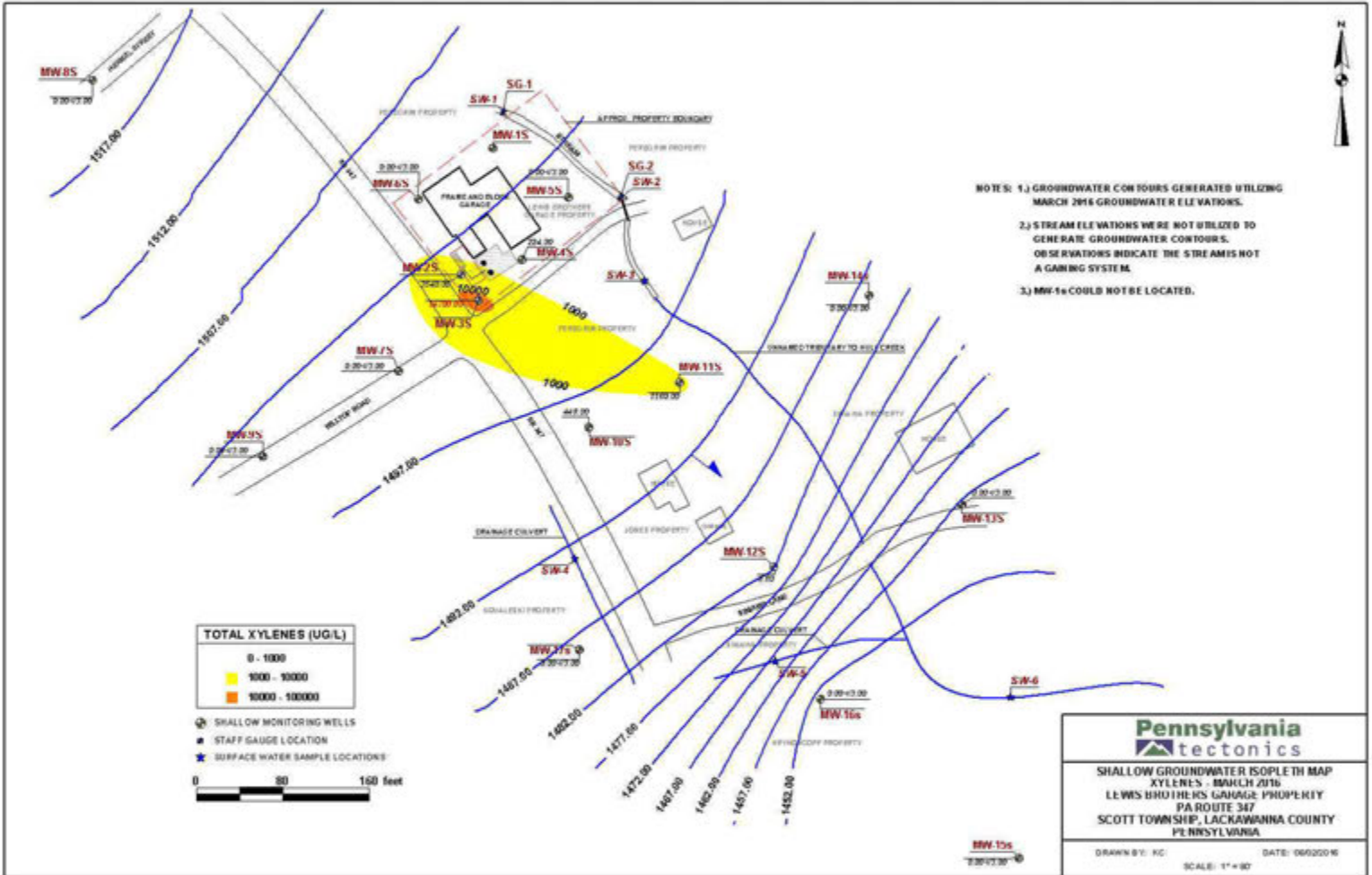
**Pennsylvania**  
tectonics

SHALLOW GROUNDWATER ISOPLETH MAP  
 TOTAL XYLENES - FEBRUARY 2014  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 342  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

ADAPTED FROM SALEM CONSULTANTS JULY 2016 SITE SURVEY  
 DATE: 02/24/2014 SCALE: 1" = 40'







- NOTES:
- 1.) GROUNDWATER CONTOURS GENERATED UTILIZING MARCH 2016 GROUNDWATER ELEVATIONS.
  - 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE THE STREAMS NOT A GAINING SYSTEM.
  - 3.) MW-14s COULD NOT BE LOCATED.

TOTAL XYLENES (UG/L)	
0 - 1000	(White)
1000 - 10000	(Yellow)
10000 - 100000	(Orange)

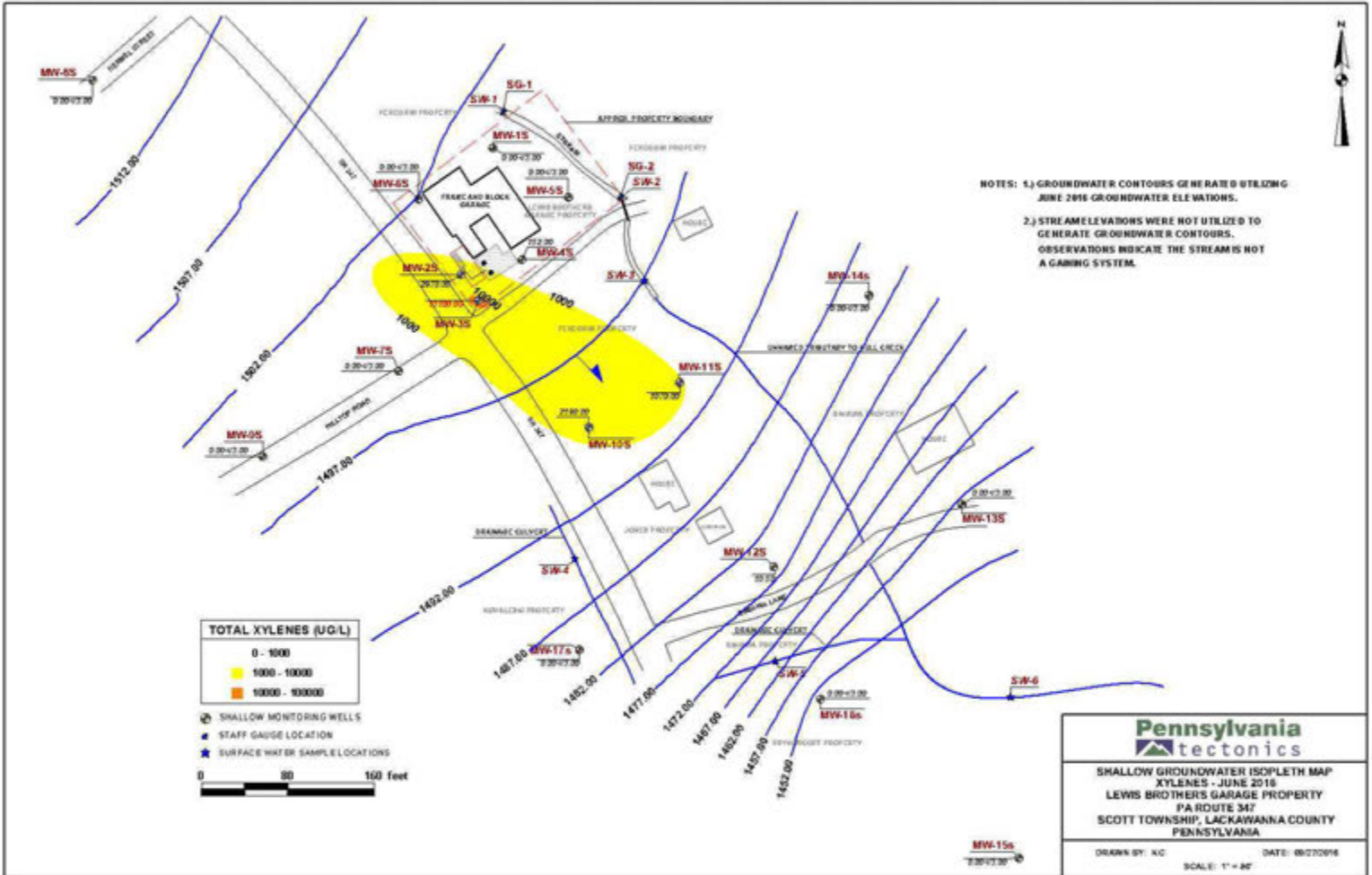
- SHALLOW MONITORING WELLS
  - STAFF GAUGE LOCATION
  - ★ SURFACE WATER SAMPLE LOCATIONS
- 0 80 160 feet

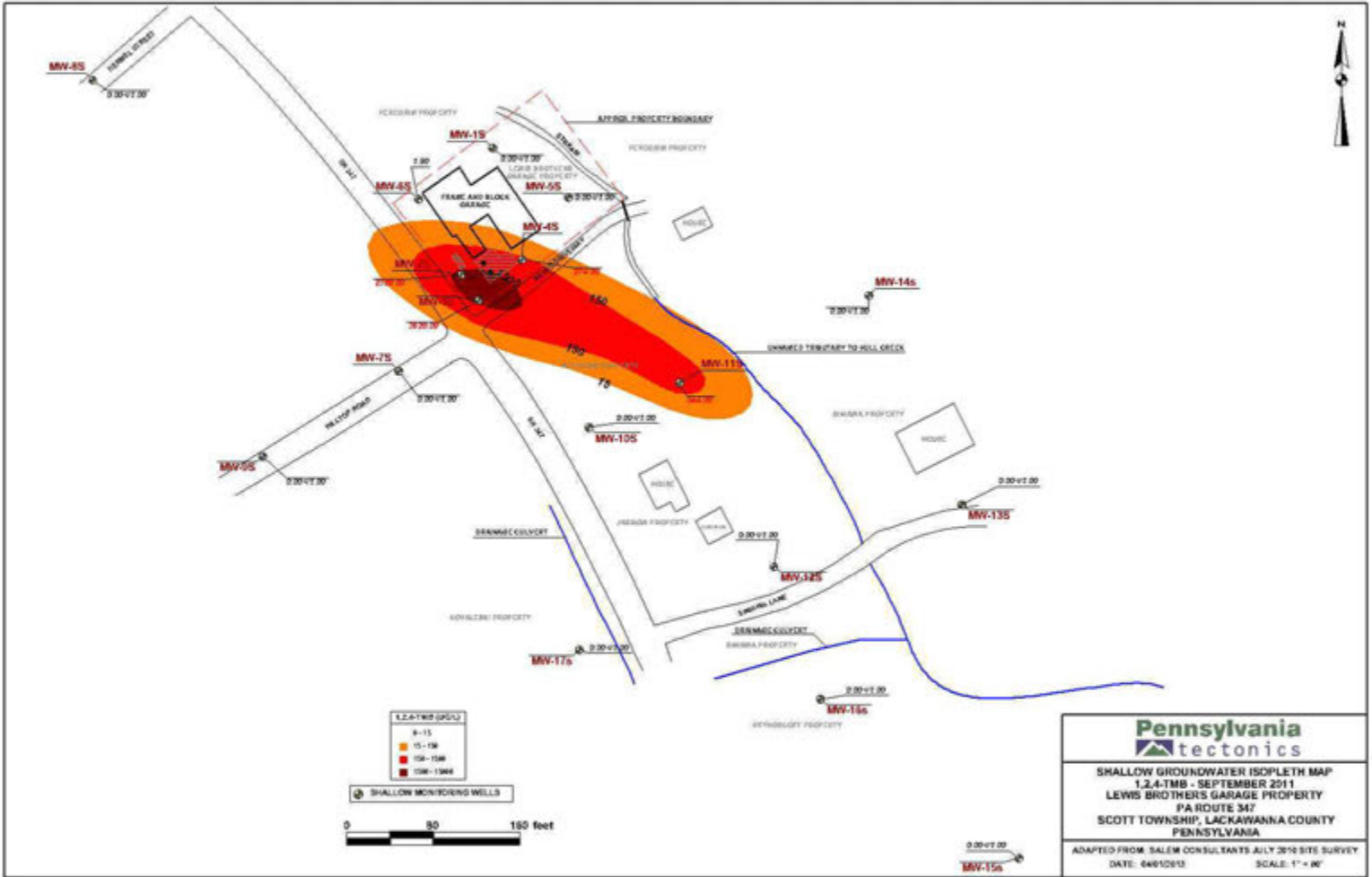
**Pennsylvania tectonics**

SHALLOW GROUNDWATER ISOPLETH MAP  
 XYLENES - MARCH 2016  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 347  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

DRAWN BY: KC      DATE: 06/20/16  
 SCALE: 1" = 80'

MW-14s  
 23047.30





1.2A-TMS (GPI/L)

- 8-15
- 15-150
- 150-1500
- 1500-15000

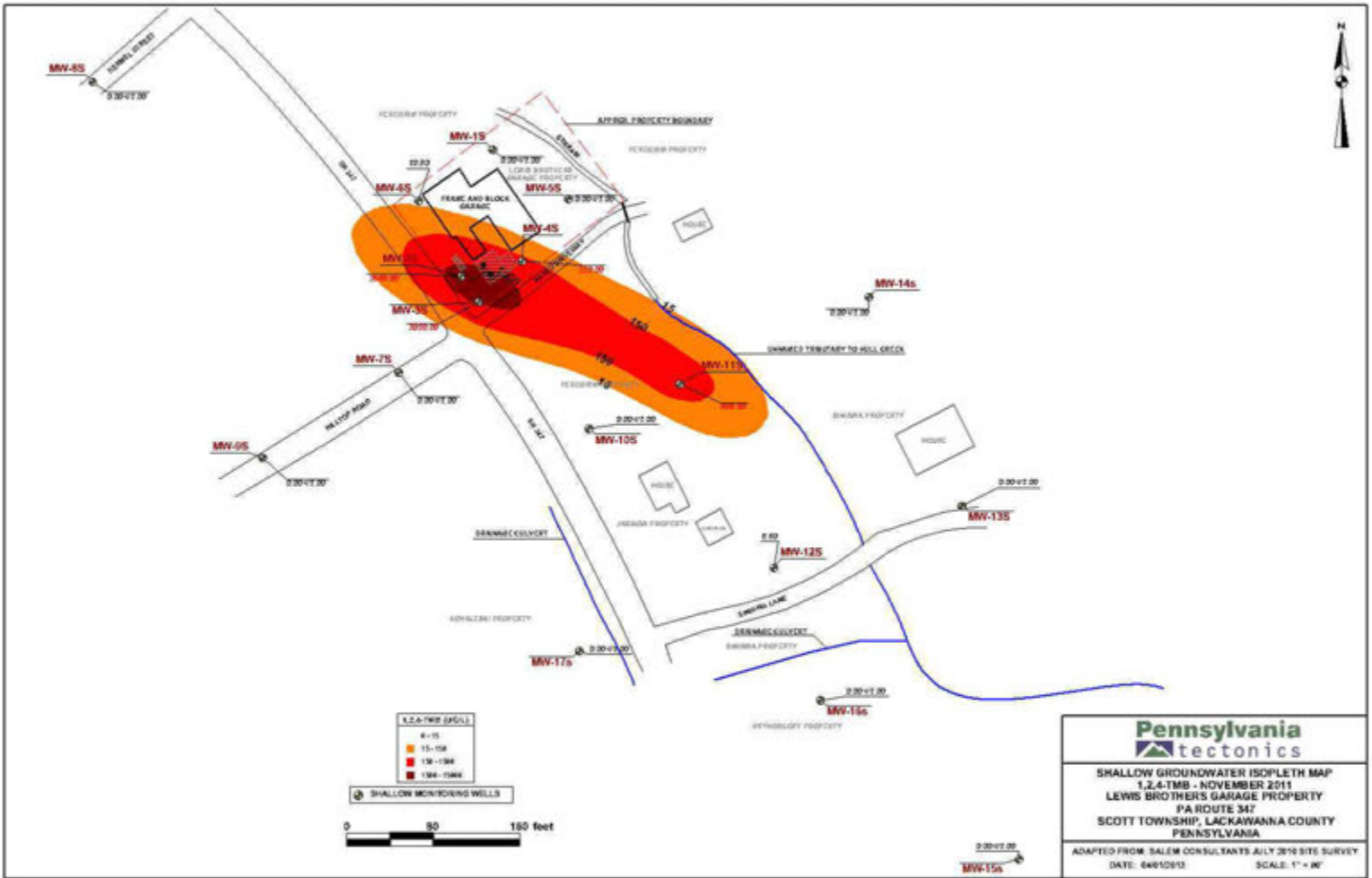
SHALLOW MONITORING WELLS

0 50 150 feet

**Pennsylvania**  
tectonics

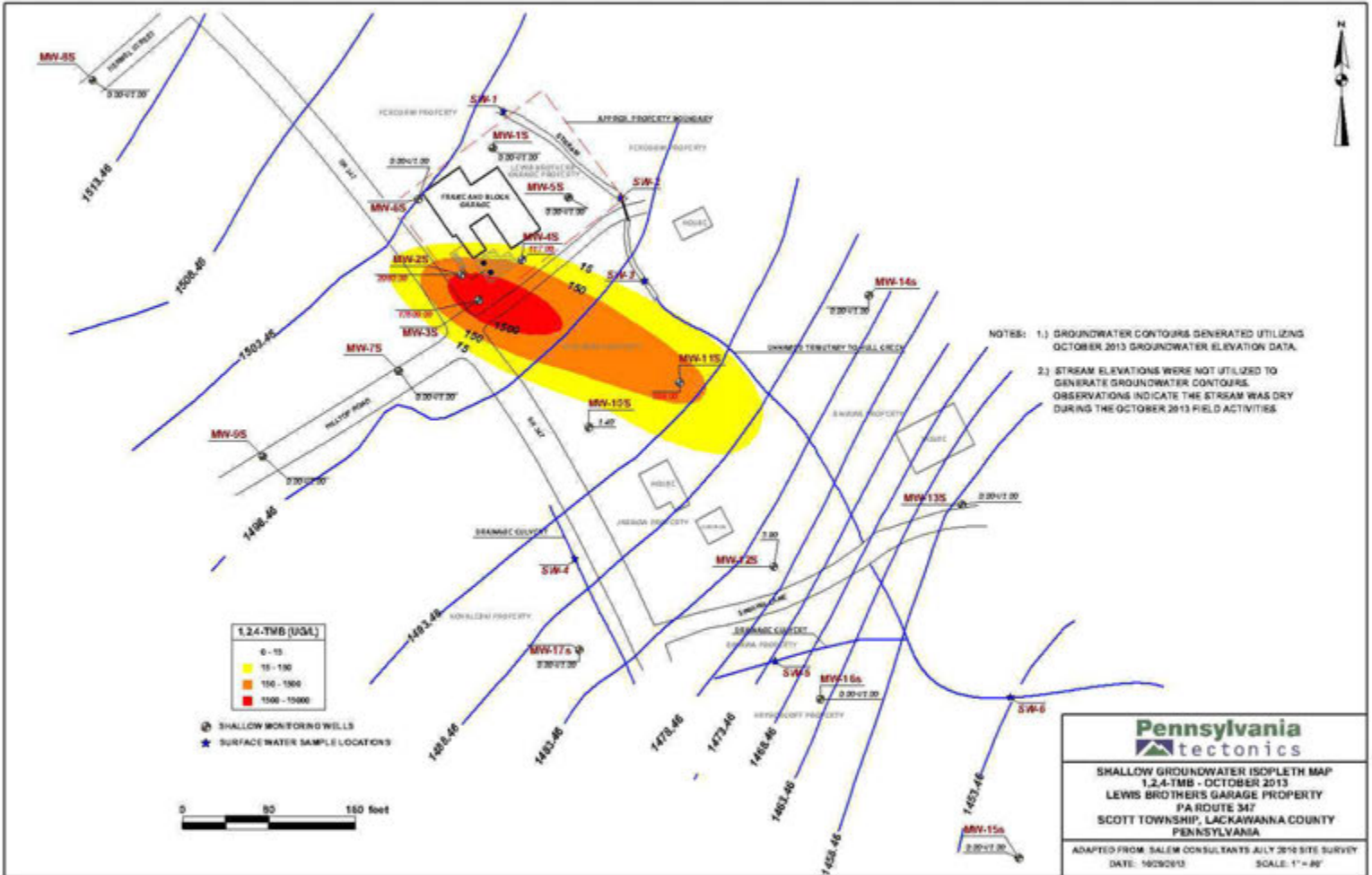
SHALLOW GROUNDWATER ISOPLETH MAP  
1.2A-TMS - SEPTEMBER 2011  
LEWIS BROTHERS GARAGE PROPERTY  
PA ROUTE 347  
SCOTT TOWNSHIP, LACKAWANNA COUNTY  
PENNSYLVANIA

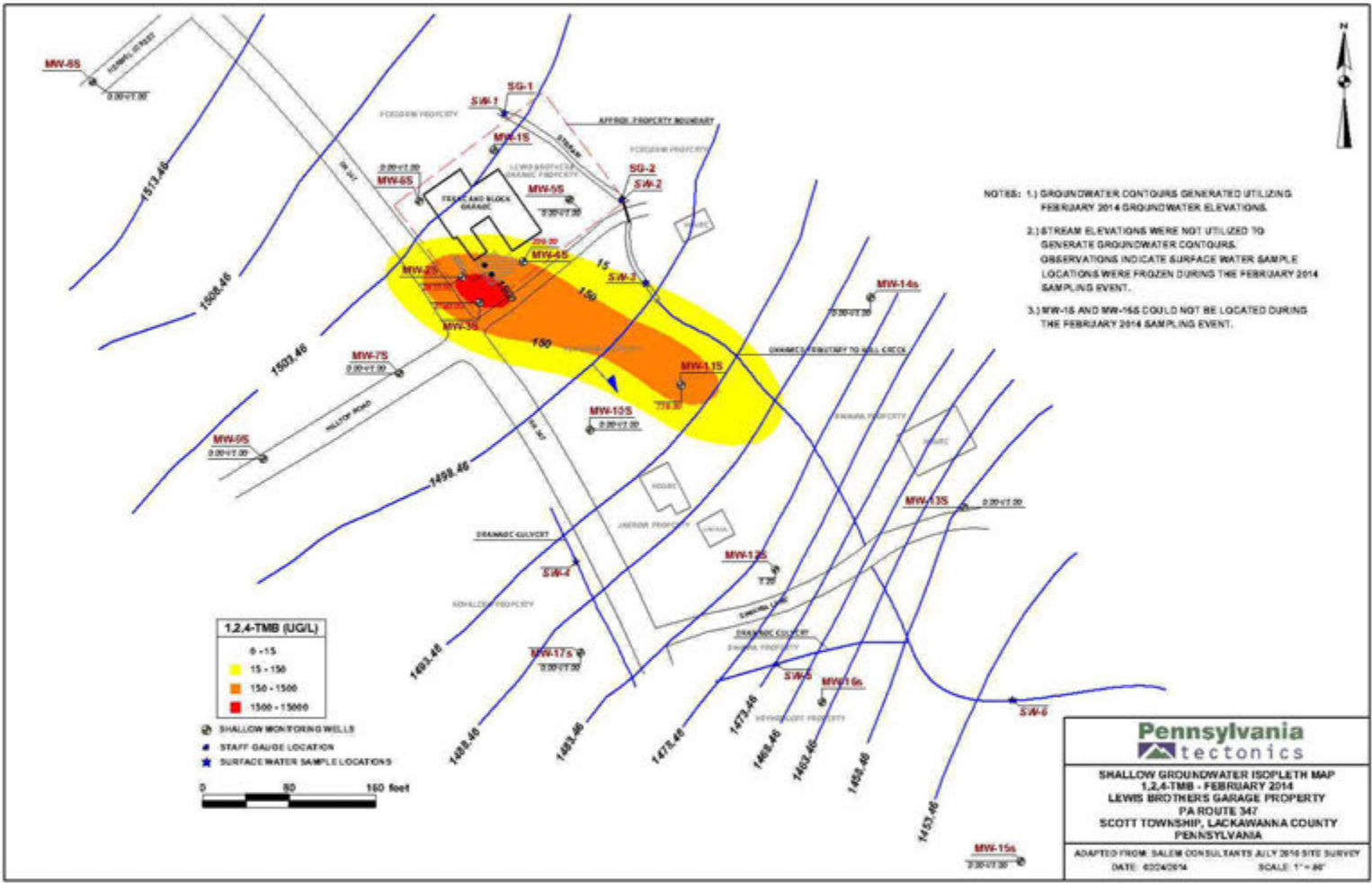
ADAPTED FROM SALEM CONSULTANTS JULY 2010 SITE SURVEY  
DATE: 04/10/13 SCALE: 1" = 40'











- NOTES: 1.) GROUNDWATER CONTOURS GENERATED UTILIZING FEBRUARY 2014 GROUNDWATER ELEVATIONS.  
 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE SURFACE WATER SAMPLE LOCATIONS WERE FROZEN DURING THE FEBRUARY 2014 SAMPLING EVENT.  
 3.) MW-15 AND MW-14S COULD NOT BE LOCATED DURING THE FEBRUARY 2014 SAMPLING EVENT.

1,2,4-TMB (UG/L)	
0 - 15	White
15 - 150	Yellow
150 - 1500	Orange
1500 - 15000	Red

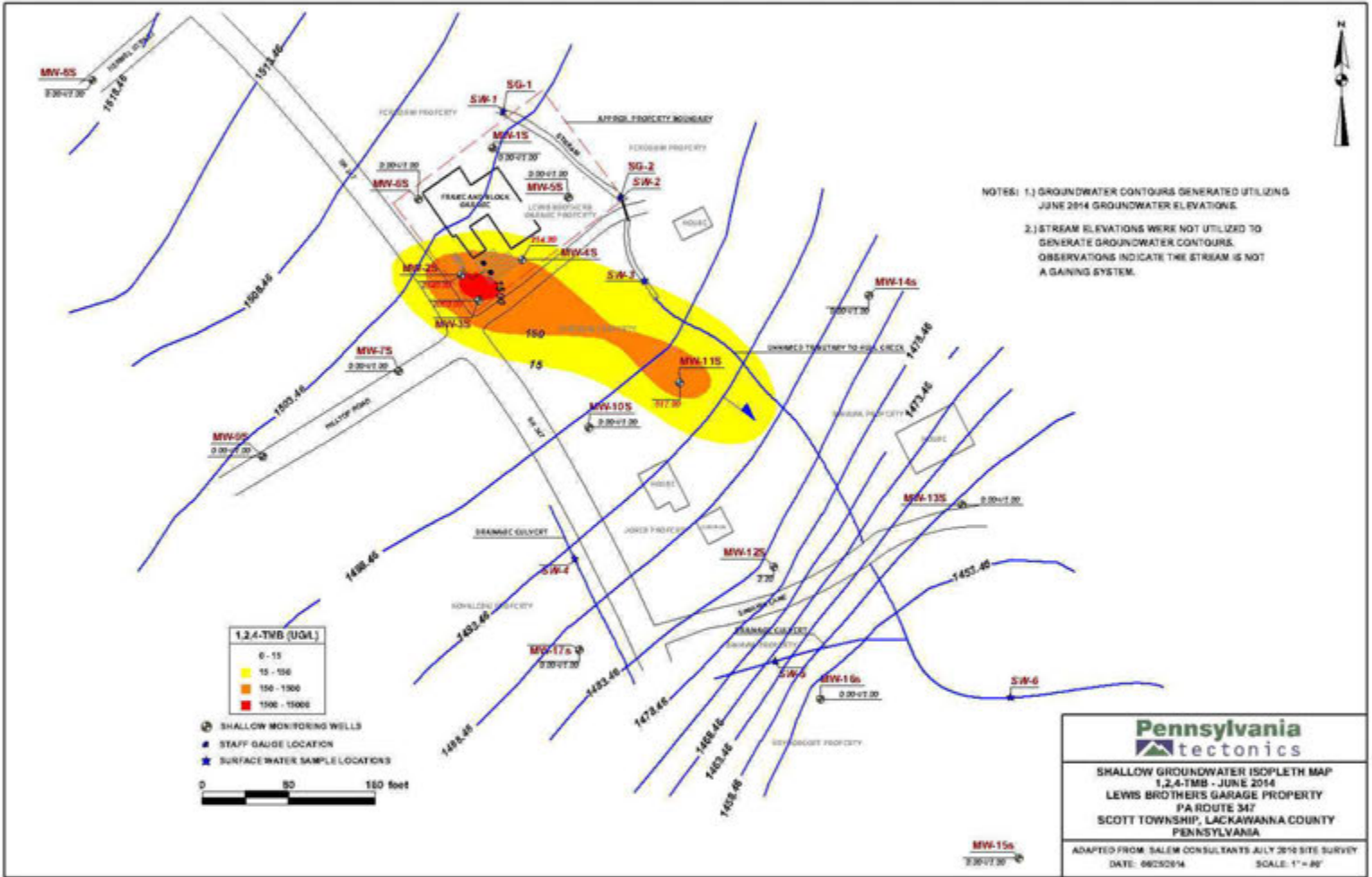
- SHALLOW MONITORING WELLS
- STAFF GAUGE LOCATION
- ★ SURFACE WATER SAMPLE LOCATIONS

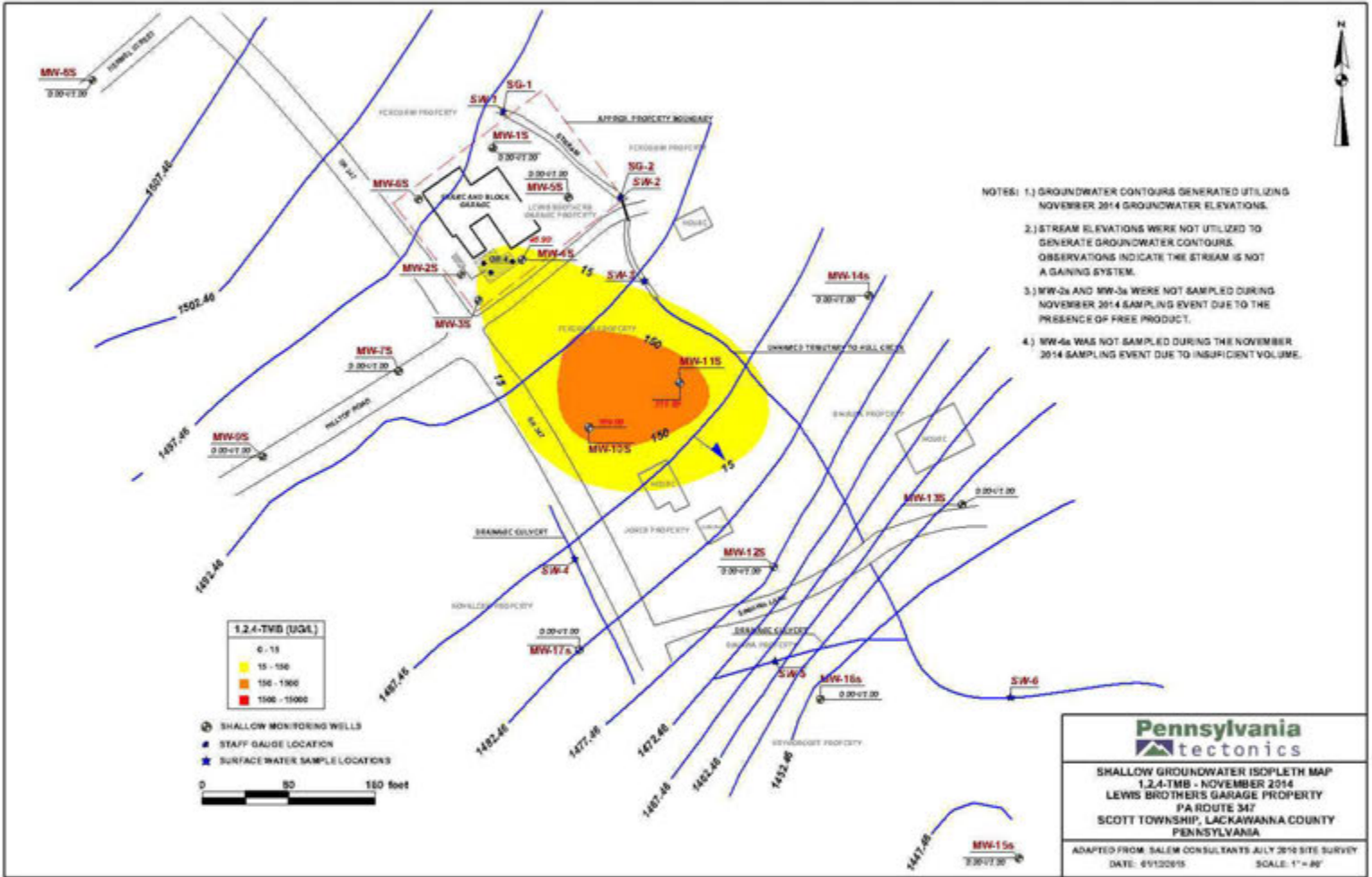


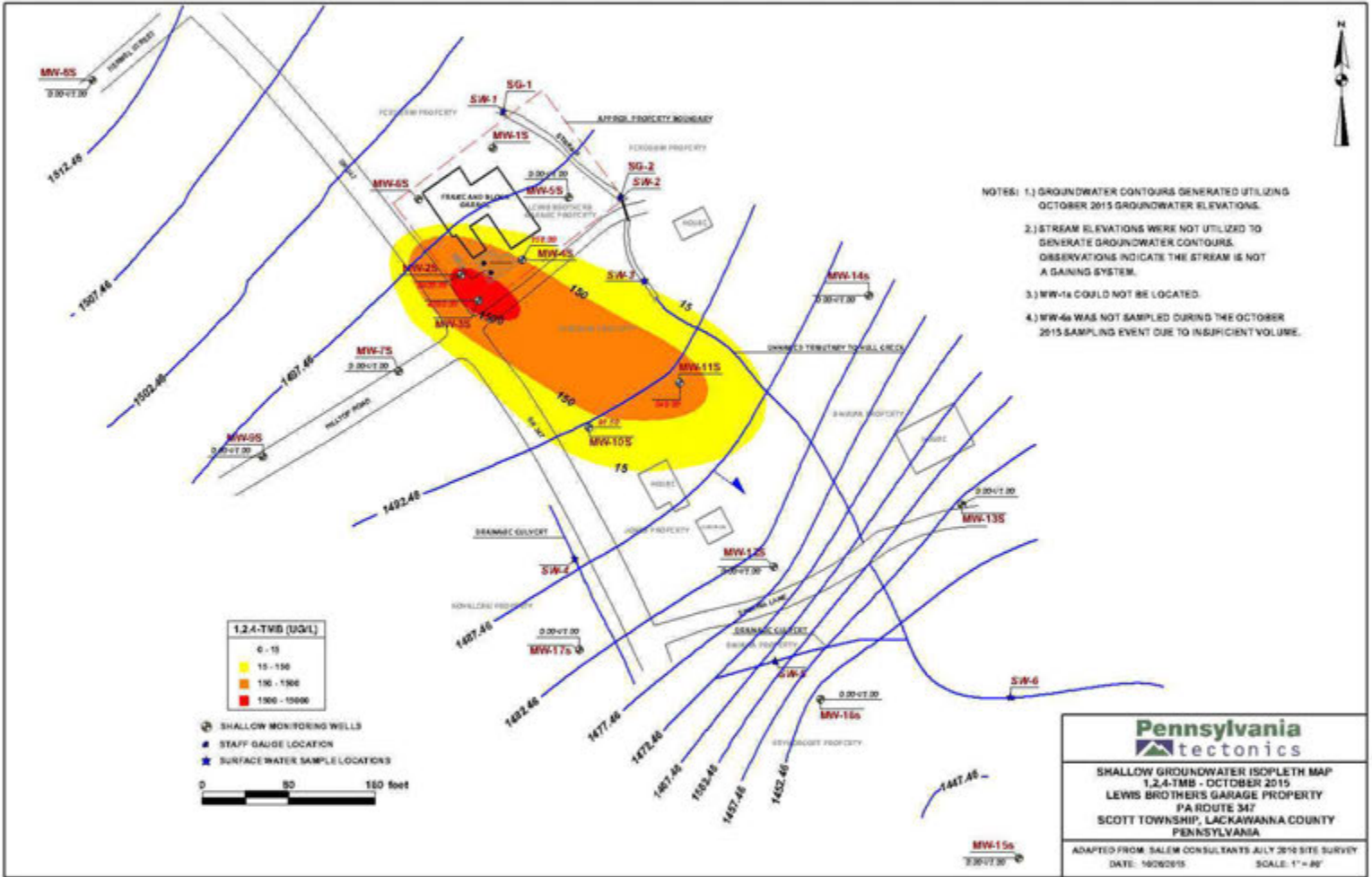
**Pennsylvania tectonics**

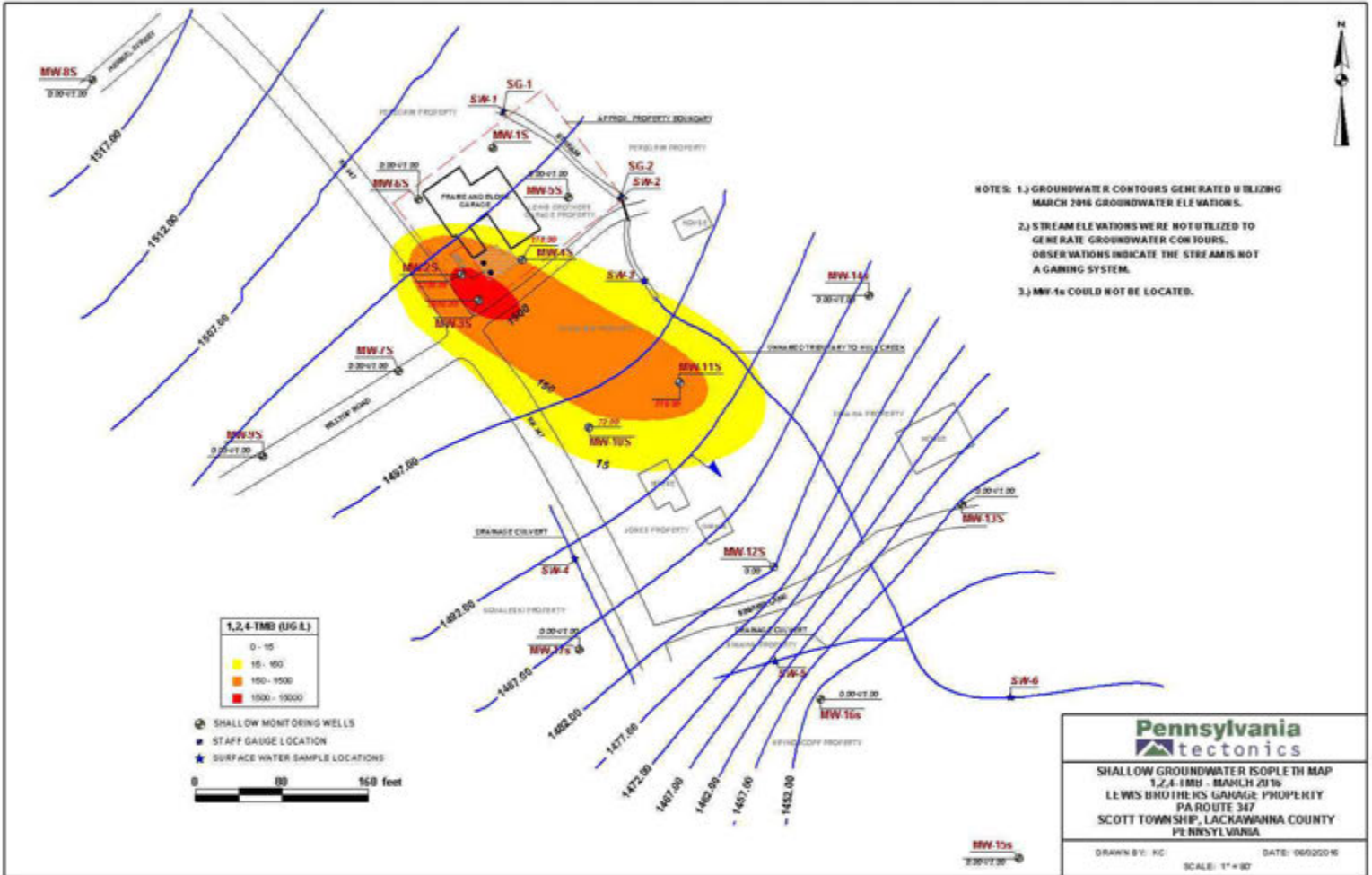
SHALLOW GROUNDWATER ISOPLETH MAP  
 1,2,4-TMB - FEBRUARY 2014  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 342  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

ADAPTED FROM SALEM CONSULTANTS JULY 2016 SITE SURVEY  
 DATE: 02/24/2014 SCALE: 1" = 40'









- NOTES:
- 1.) GROUNDWATER CONTOURS GENERATED UTILIZING MARCH 2016 GROUNDWATER ELEVATIONS.
  - 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE THE STREAMS NOT A GAINING SYSTEM.
  - 3.) MW-14c COULD NOT BE LOCATED.

1,2,4-TMB (UG/L)	
0 - 15	White
15 - 100	Yellow
100 - 1500	Orange
1500 - 15000	Red

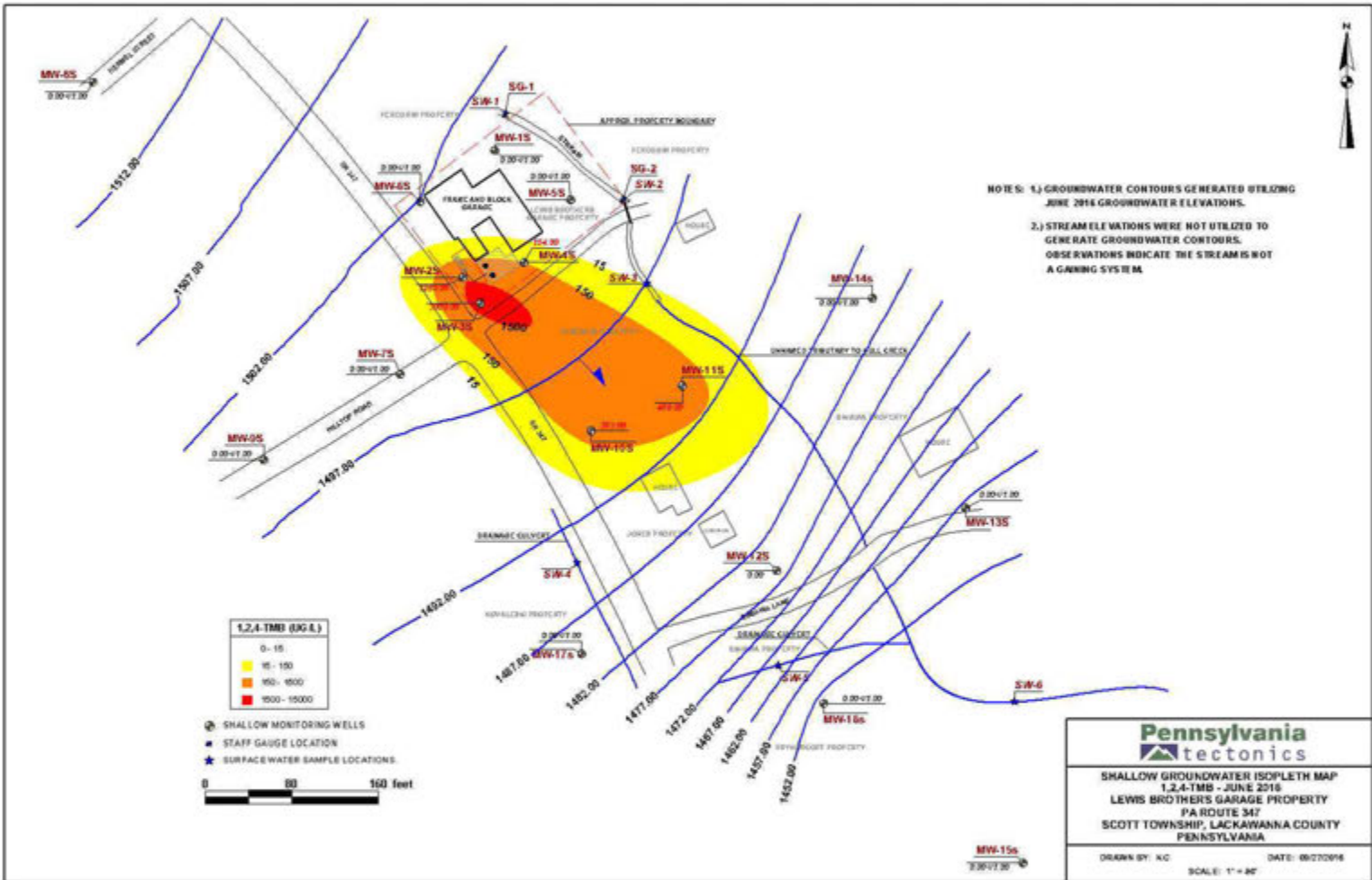
- SHALLOW MONITORING WELLS
- STAFF GAUGE LOCATION
- ★ SURFACE WATER SAMPLE LOCATIONS



**Pennsylvania tectonics**

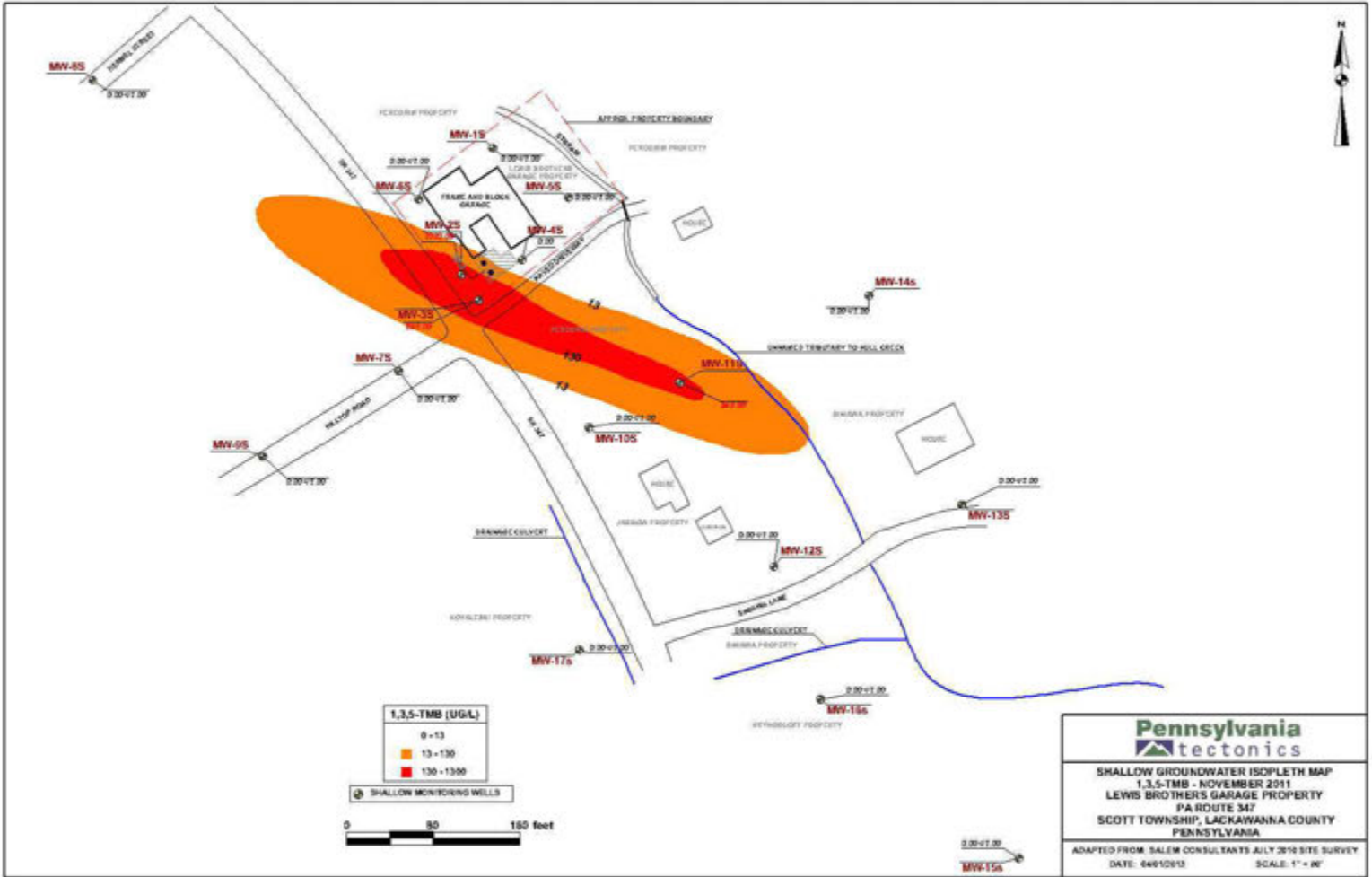
SHALLOW GROUNDWATER ISOPLETH MAP  
 1,2,4-TMB - MARCH 2016  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 347  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

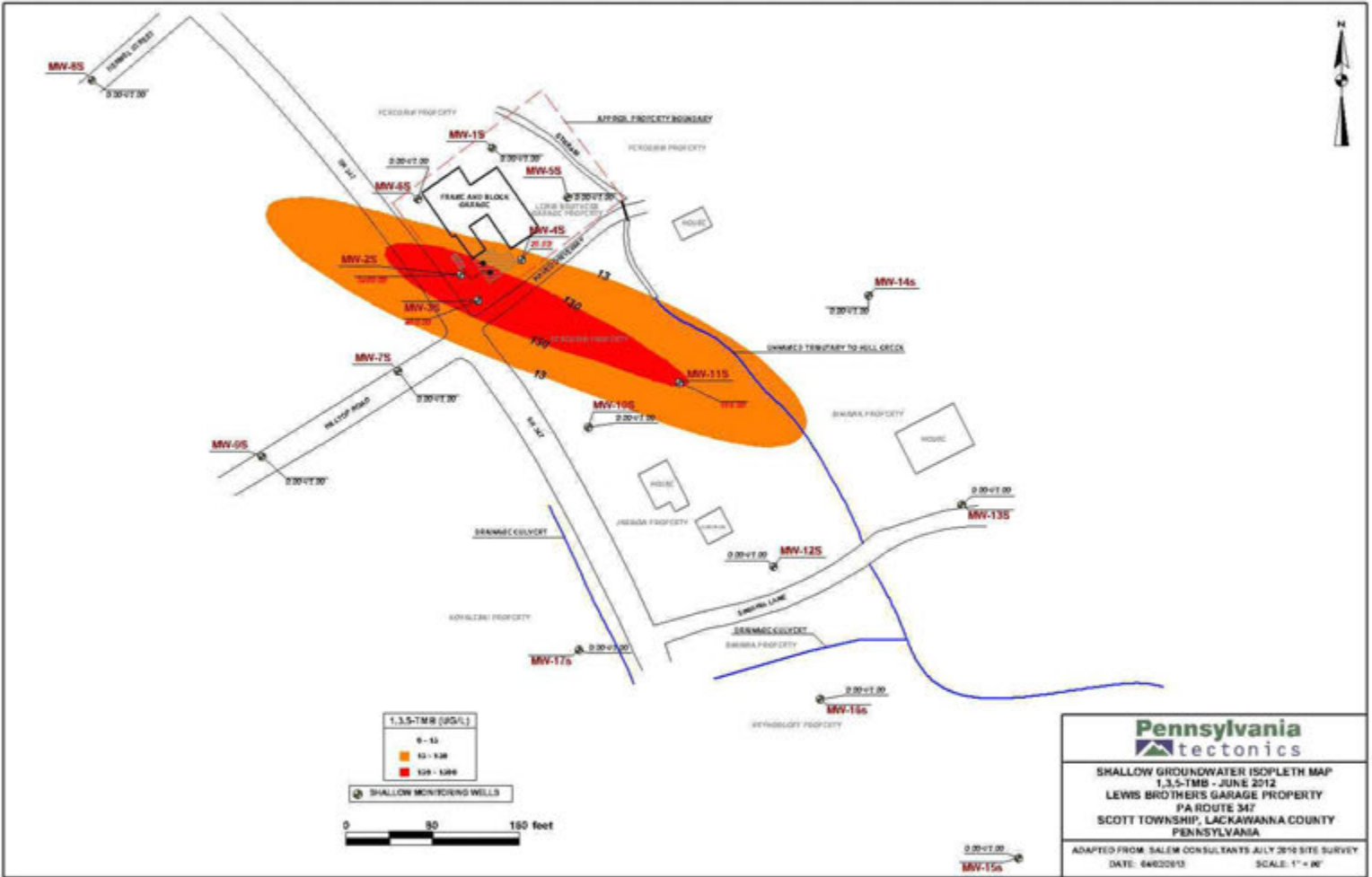
DRAWN BY: KC      DATE: 06/20/16  
 SCALE: 1" = 80'

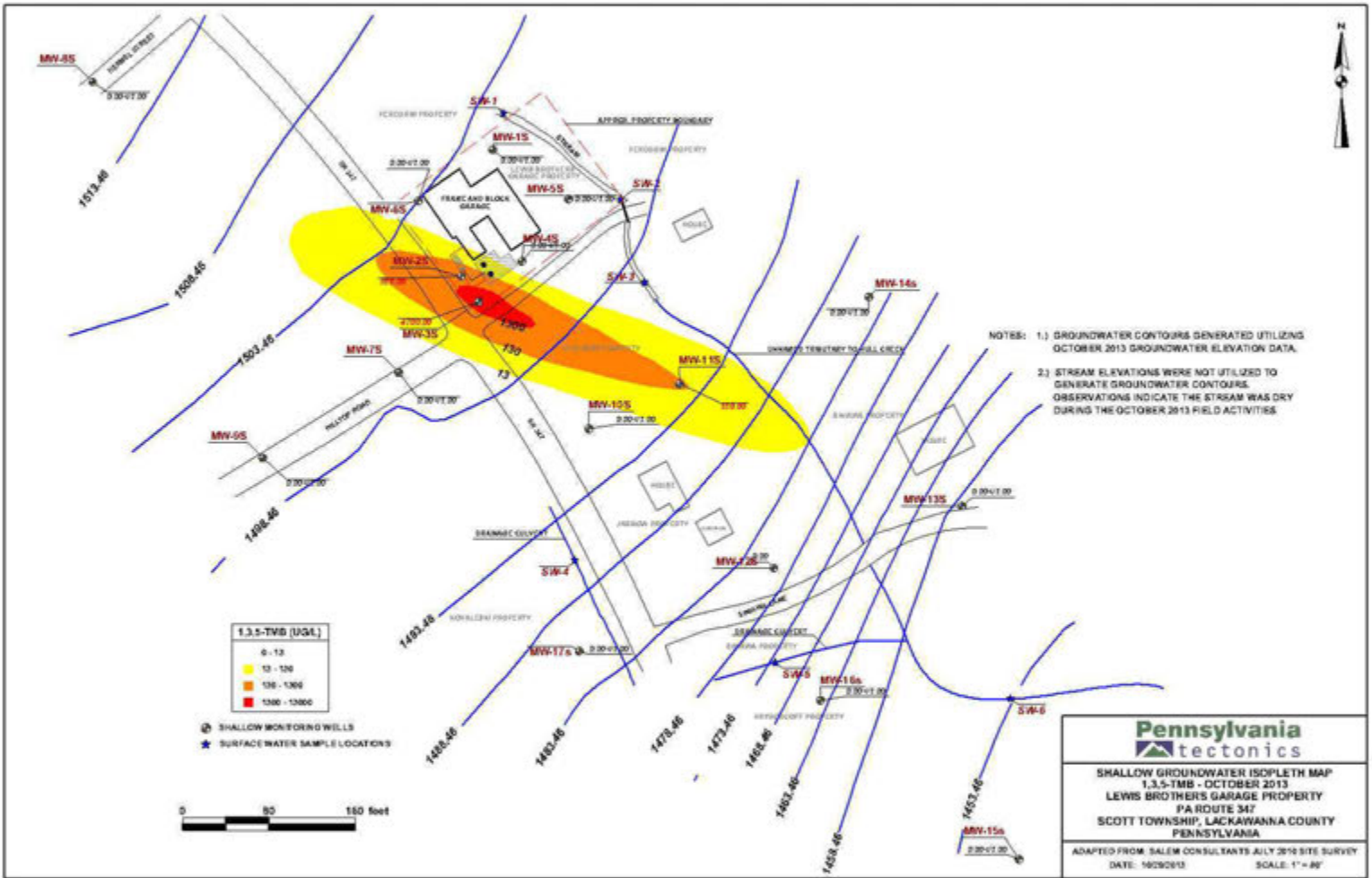


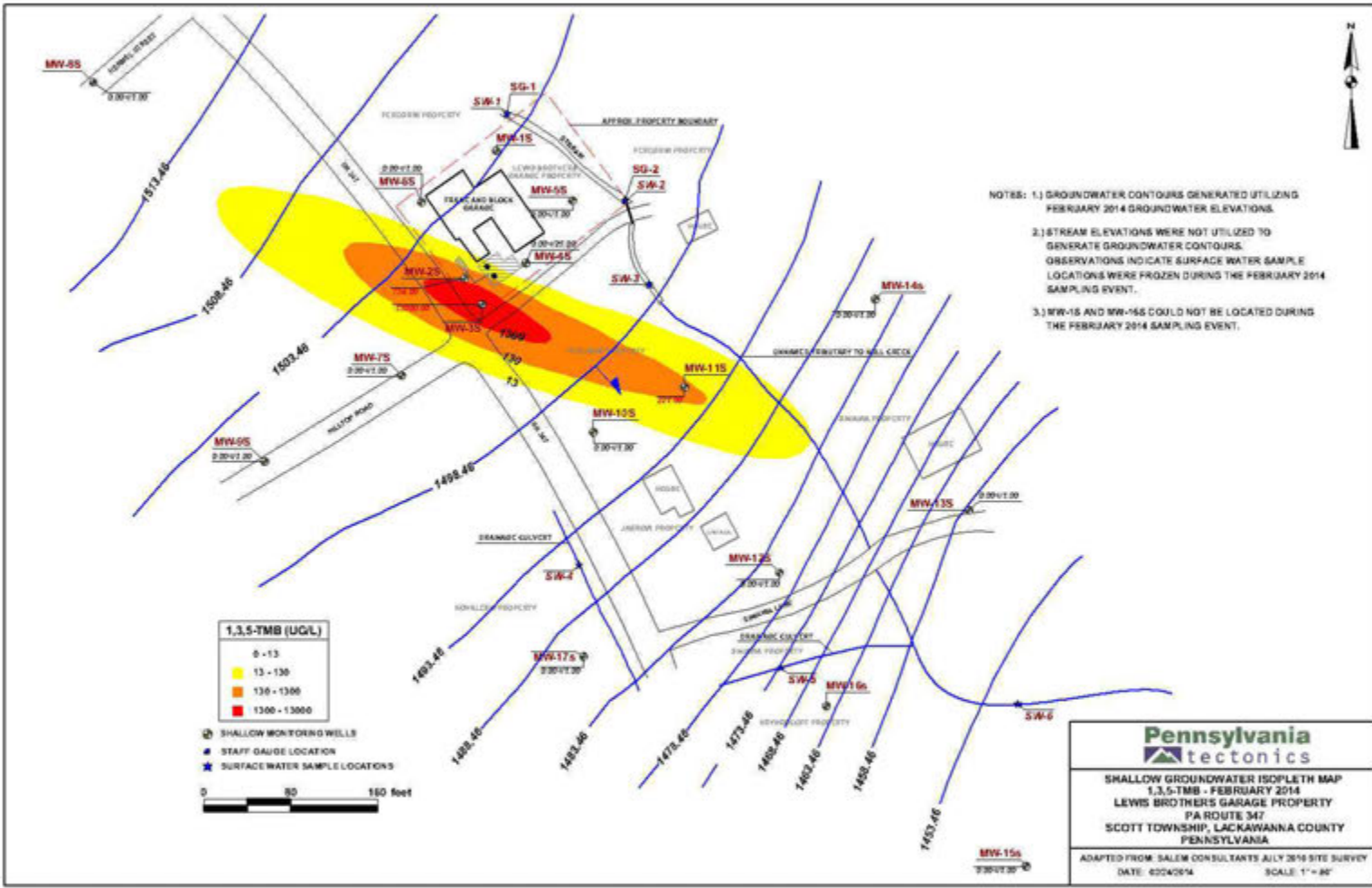












NOTES: 1.) GROUNDWATER CONTOURS GENERATED UTILIZING FEBRUARY 2014 GROUNDWATER ELEVATIONS.  
 2.) STREAM ELEVATIONS WERE NOT UTILIZED TO GENERATE GROUNDWATER CONTOURS. OBSERVATIONS INDICATE SURFACE WATER SAMPLE LOCATIONS WERE FROZEN DURING THE FEBRUARY 2014 SAMPLING EVENT.  
 3.) MW-15 AND MW-145 COULD NOT BE LOCATED DURING THE FEBRUARY 2014 SAMPLING EVENT.

1,3,5-TMB (UG/L)	
0 - 13	Lightest Yellow
13 - 130	Yellow
130 - 1300	Orange
1300 - 13000	Red

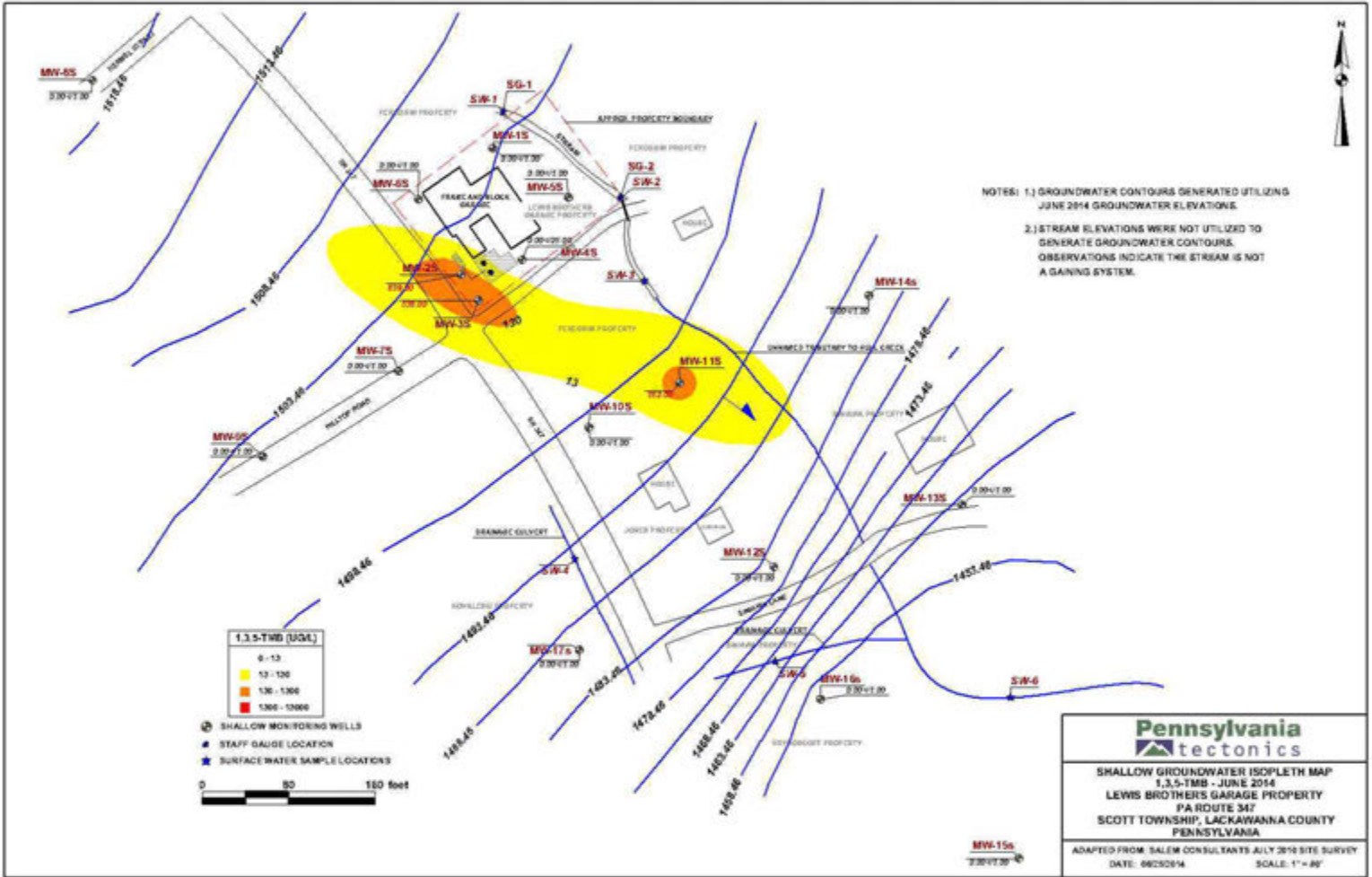
- SHALLOW MONITORING WELLS
- STAFF GAUGE LOCATION
- ★ SURFACE WATER SAMPLE LOCATIONS

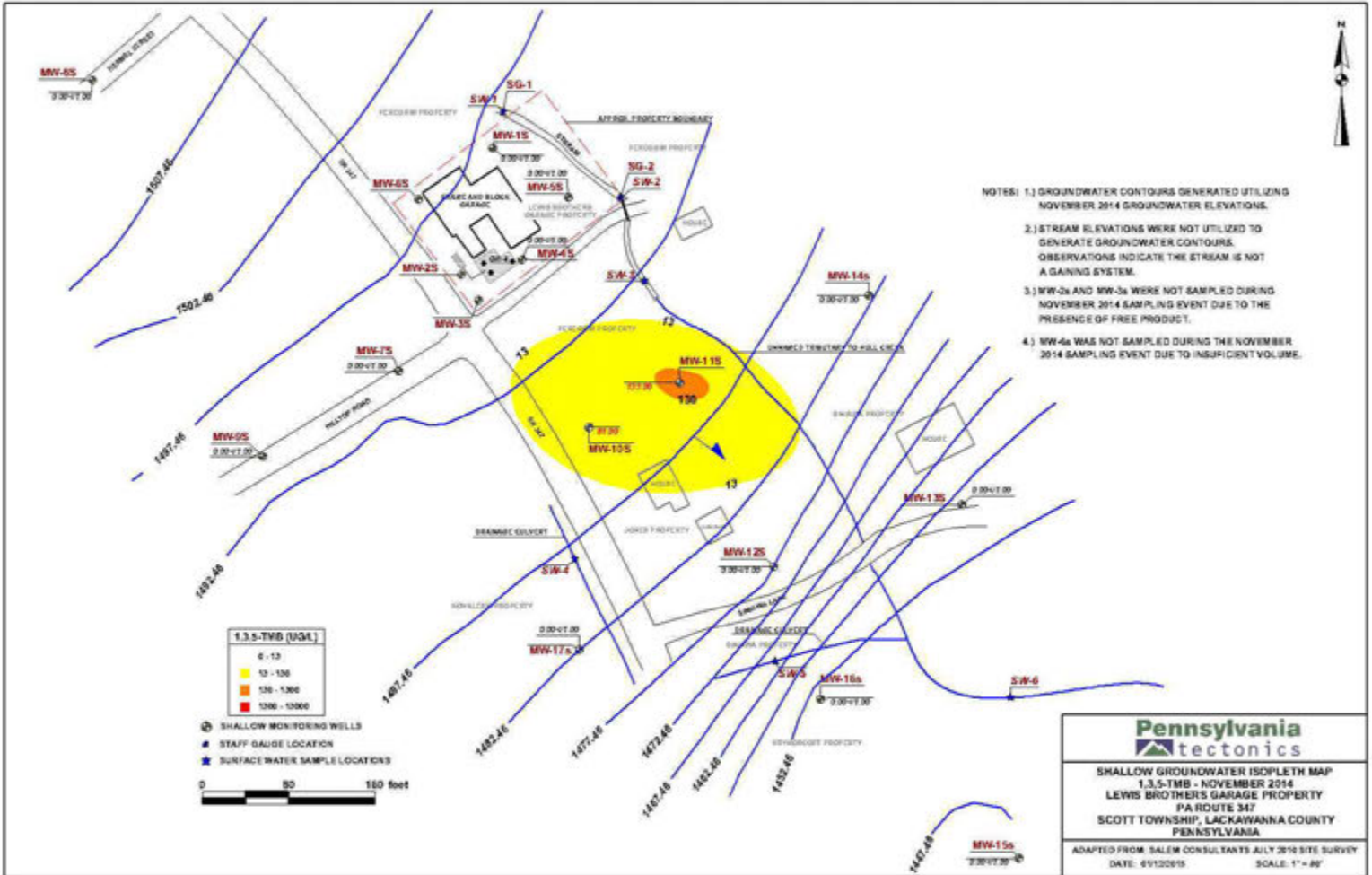


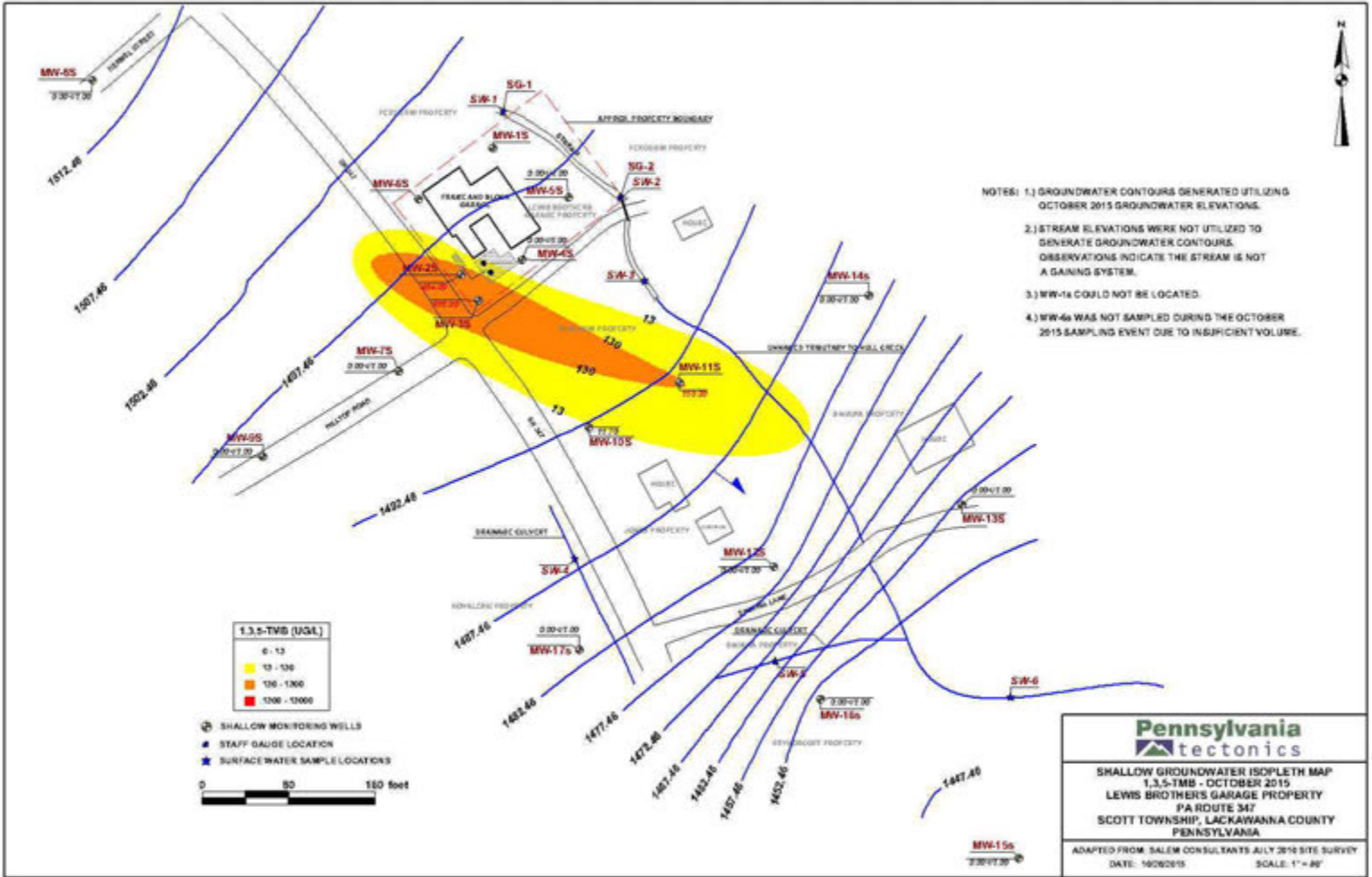
**Pennsylvania tectonics**

SHALLOW GROUNDWATER ISOPLETH MAP  
 1,3,5-TMB - FEBRUARY 2014  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 342  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

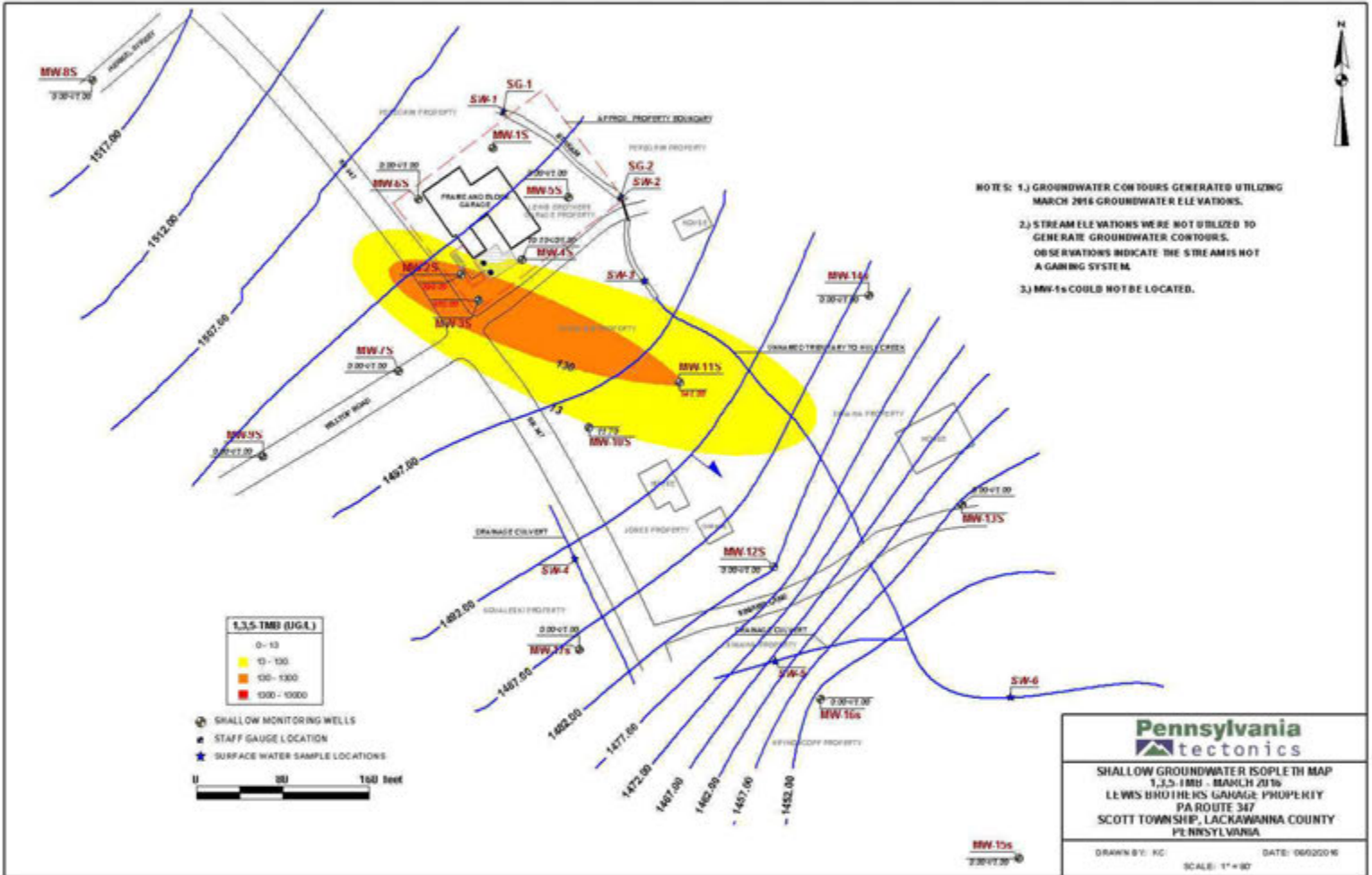
ADAPTED FROM: SALEM CONSULTANTS JULY 2010 SITE SURVEY  
 DATE: 02/24/2014 SCALE: 1" = 40'

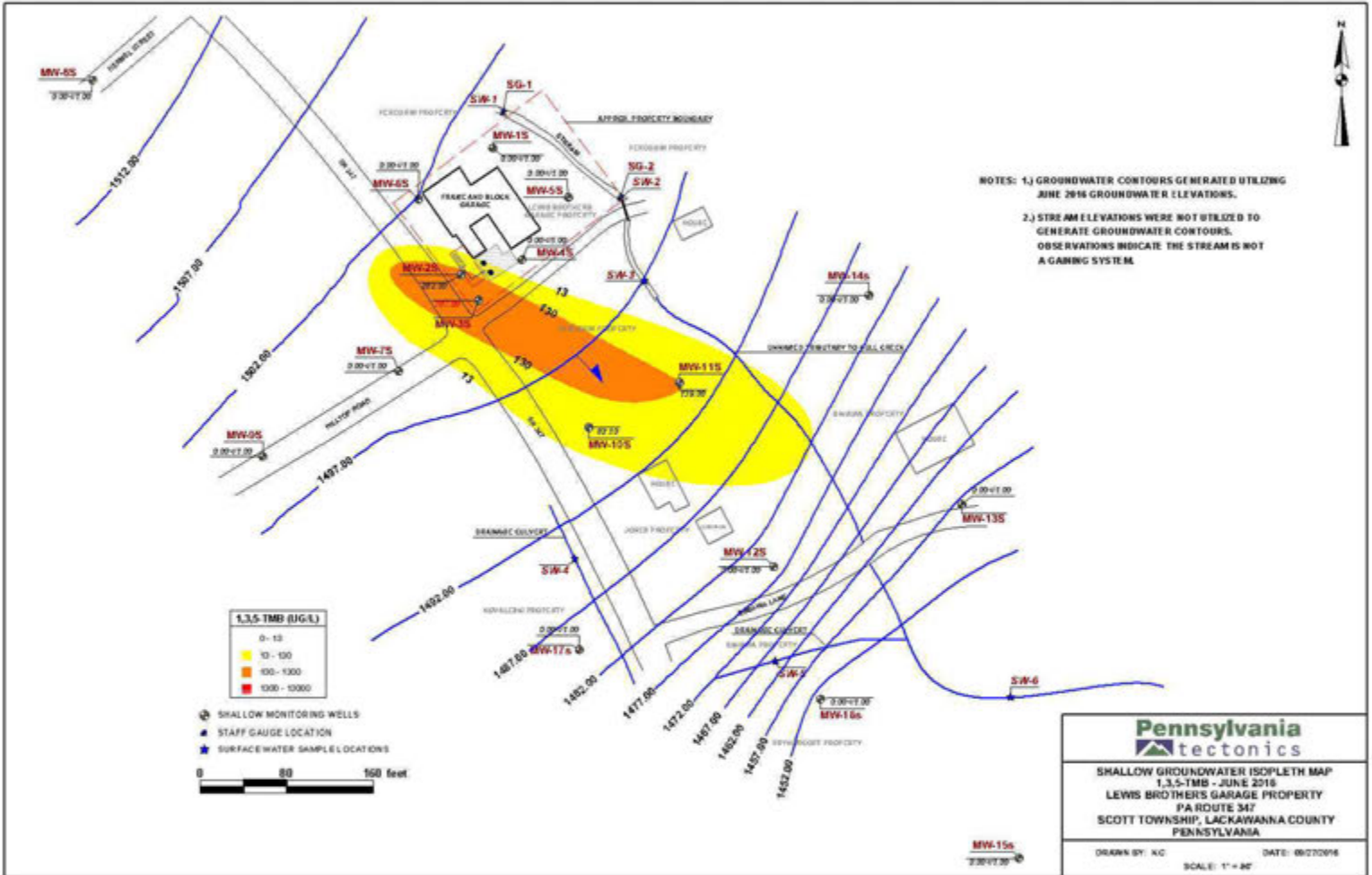


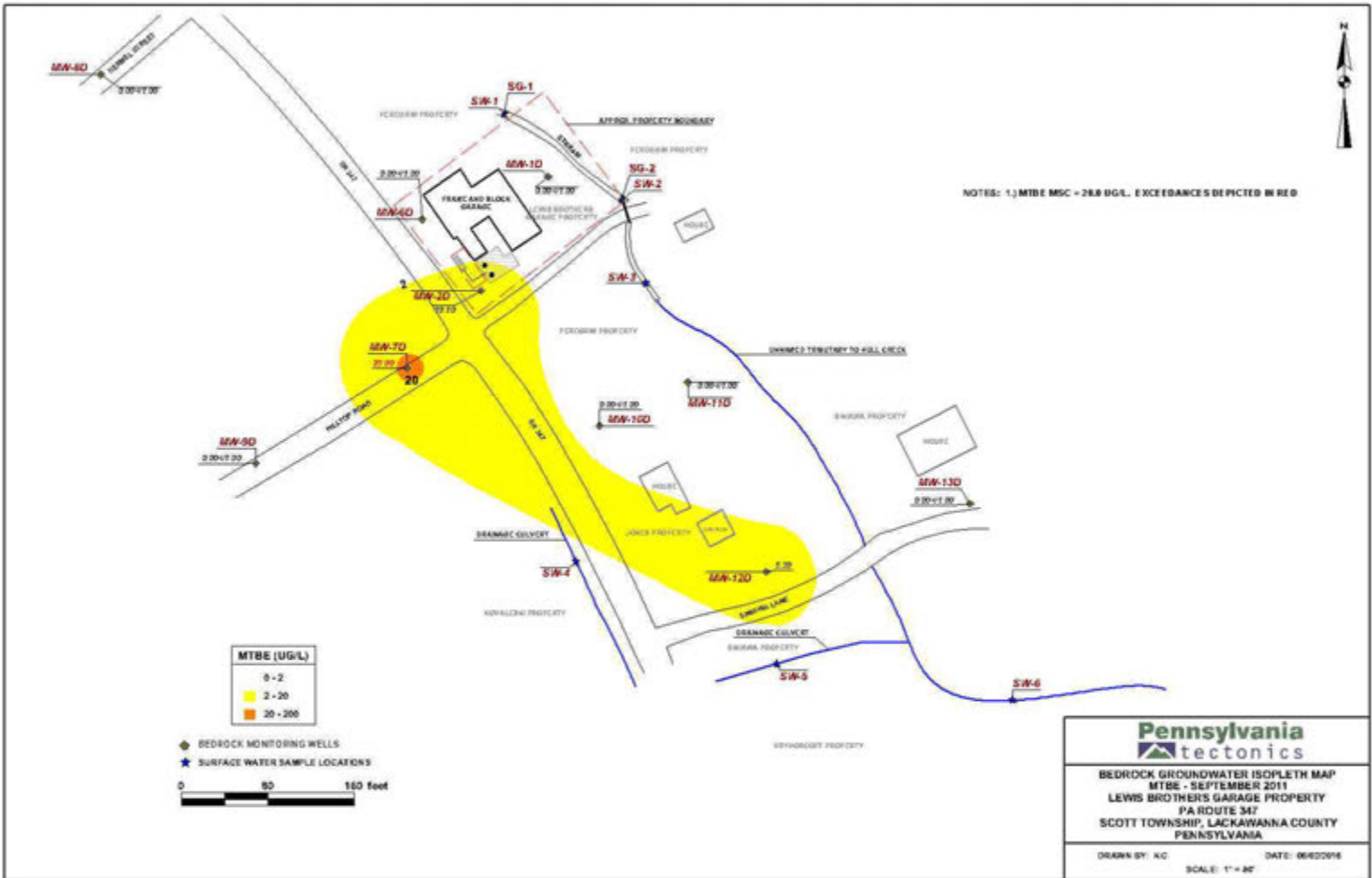


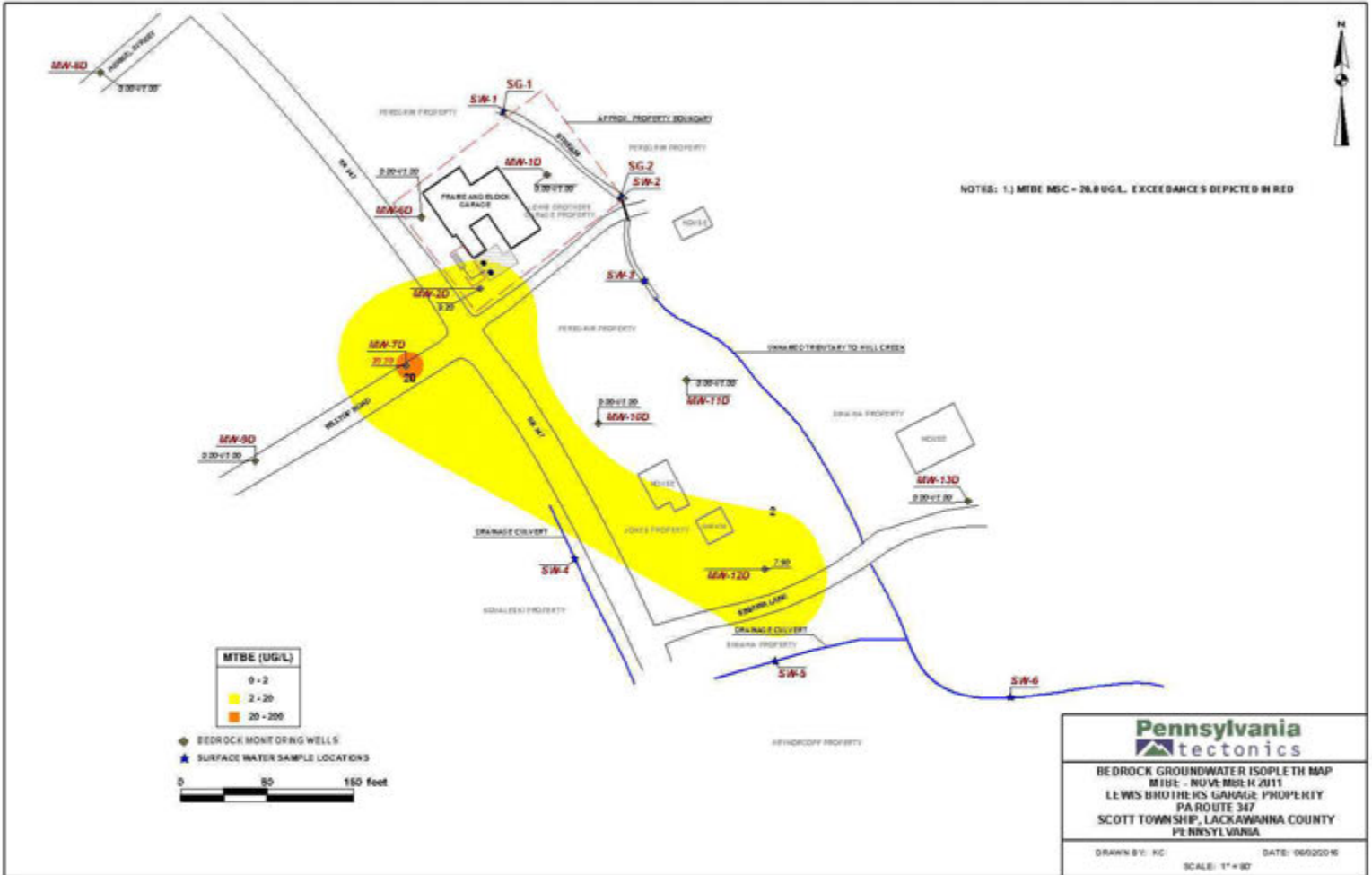


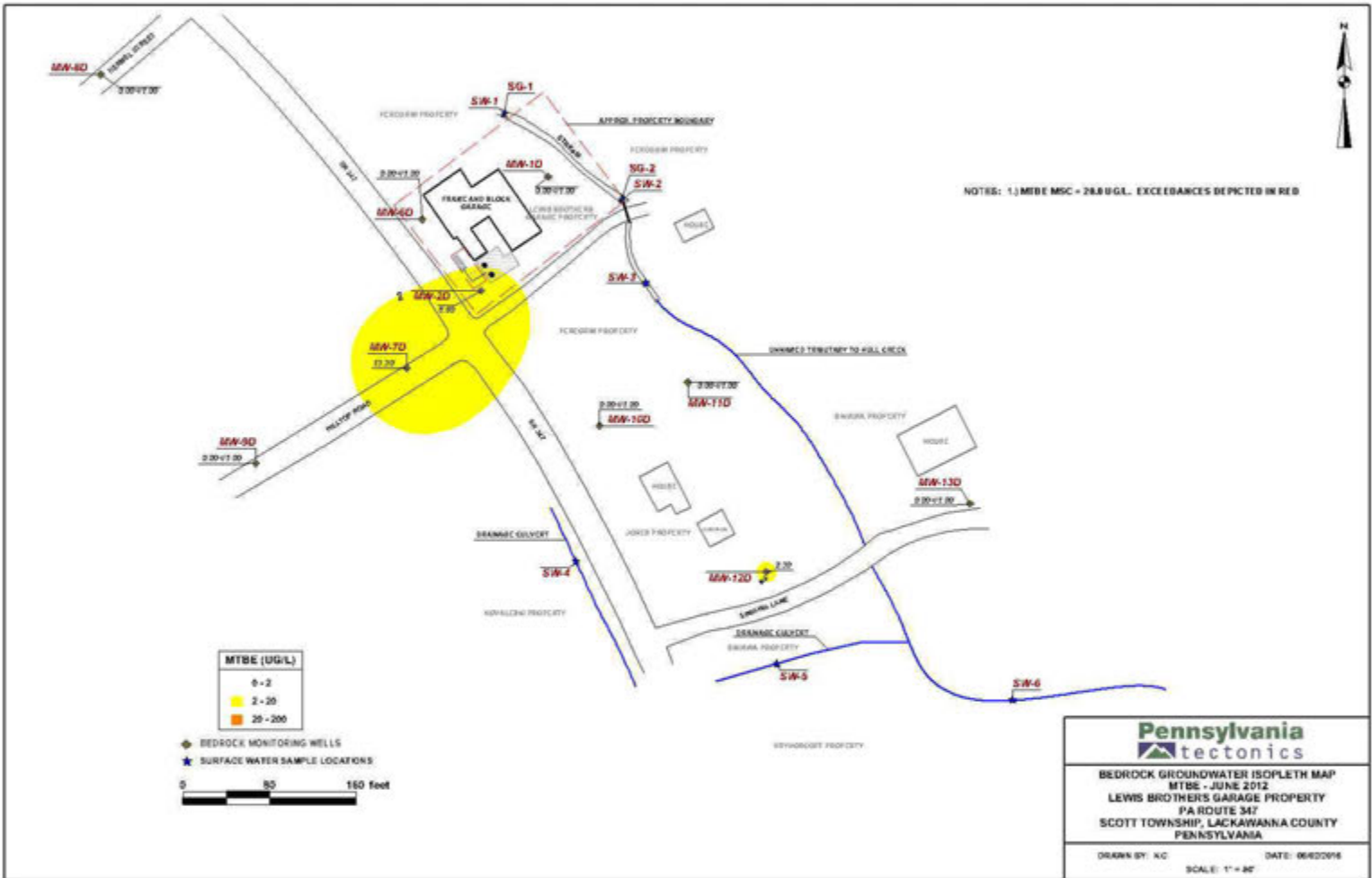












NOTES: 1.) MTBE MSC = 28.8 UG/L. EXCEEDANCES DEPICTED IN RED

MTBE (UG/L)	
0 - 2	(White)
2 - 20	(Yellow)
25 - 200	(Red)

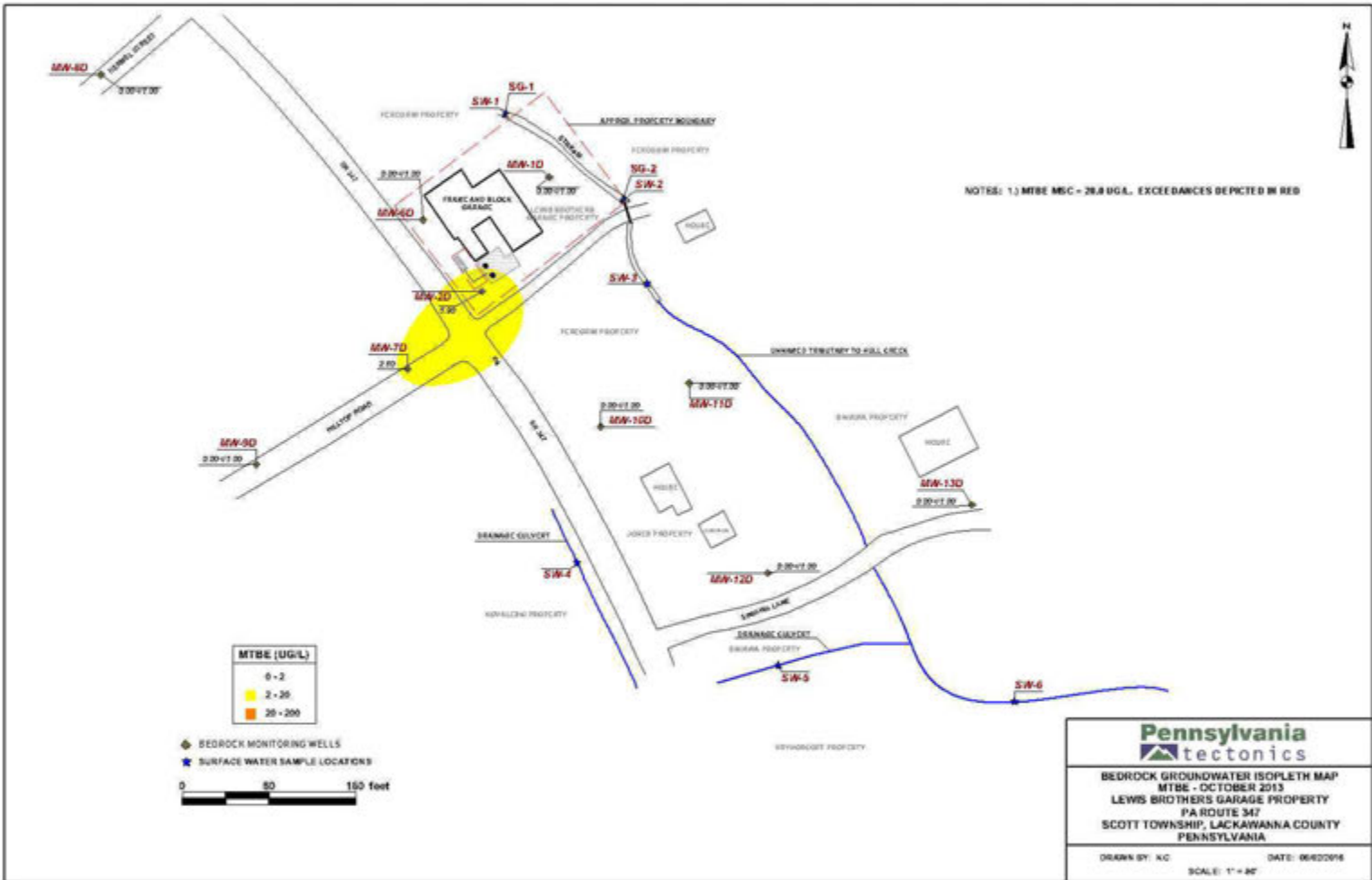
◆ BEDROCK MONITORING WELLS  
 ★ SURFACE WATER SAMPLE LOCATIONS

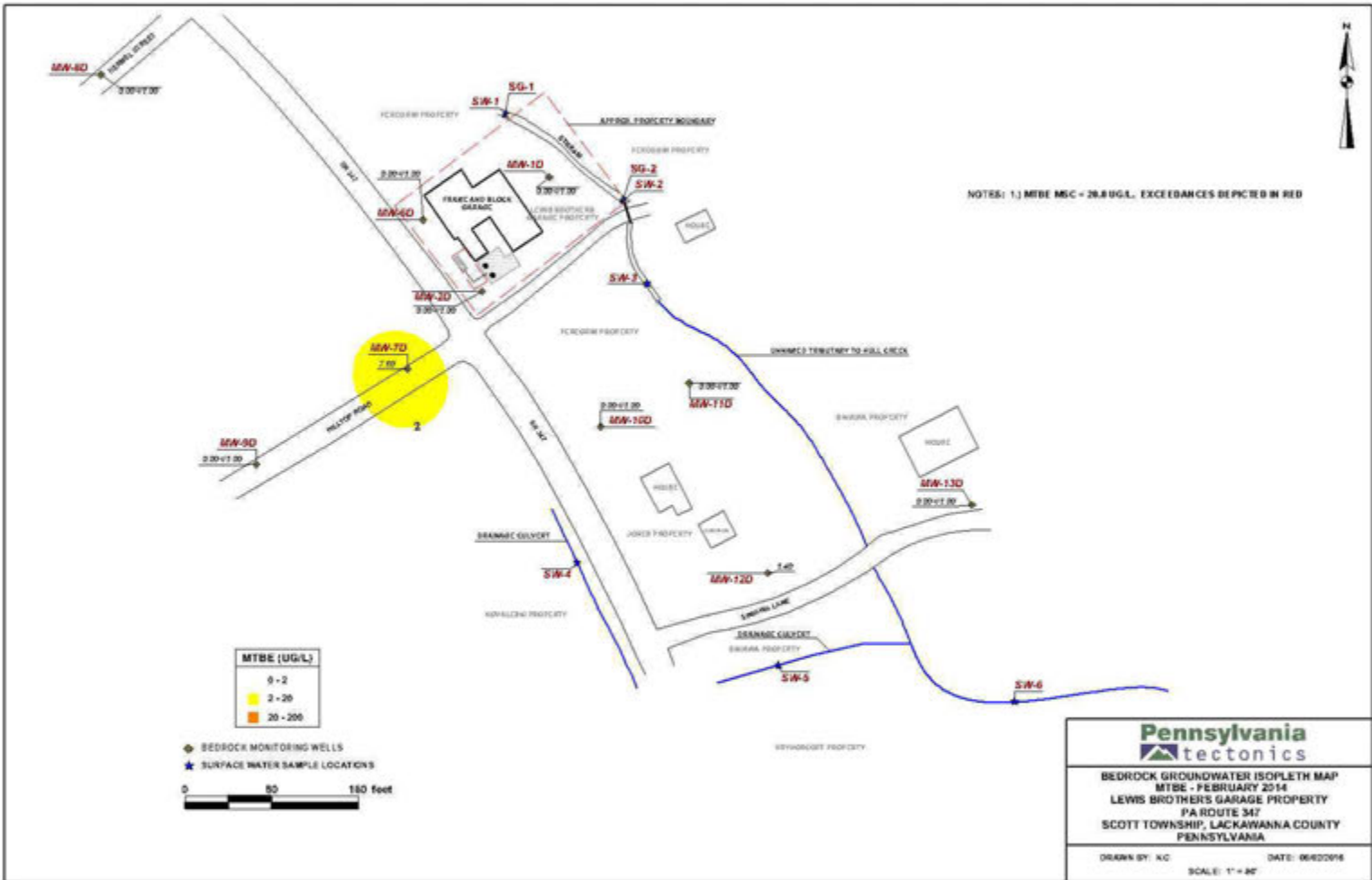
0 50 150 feet

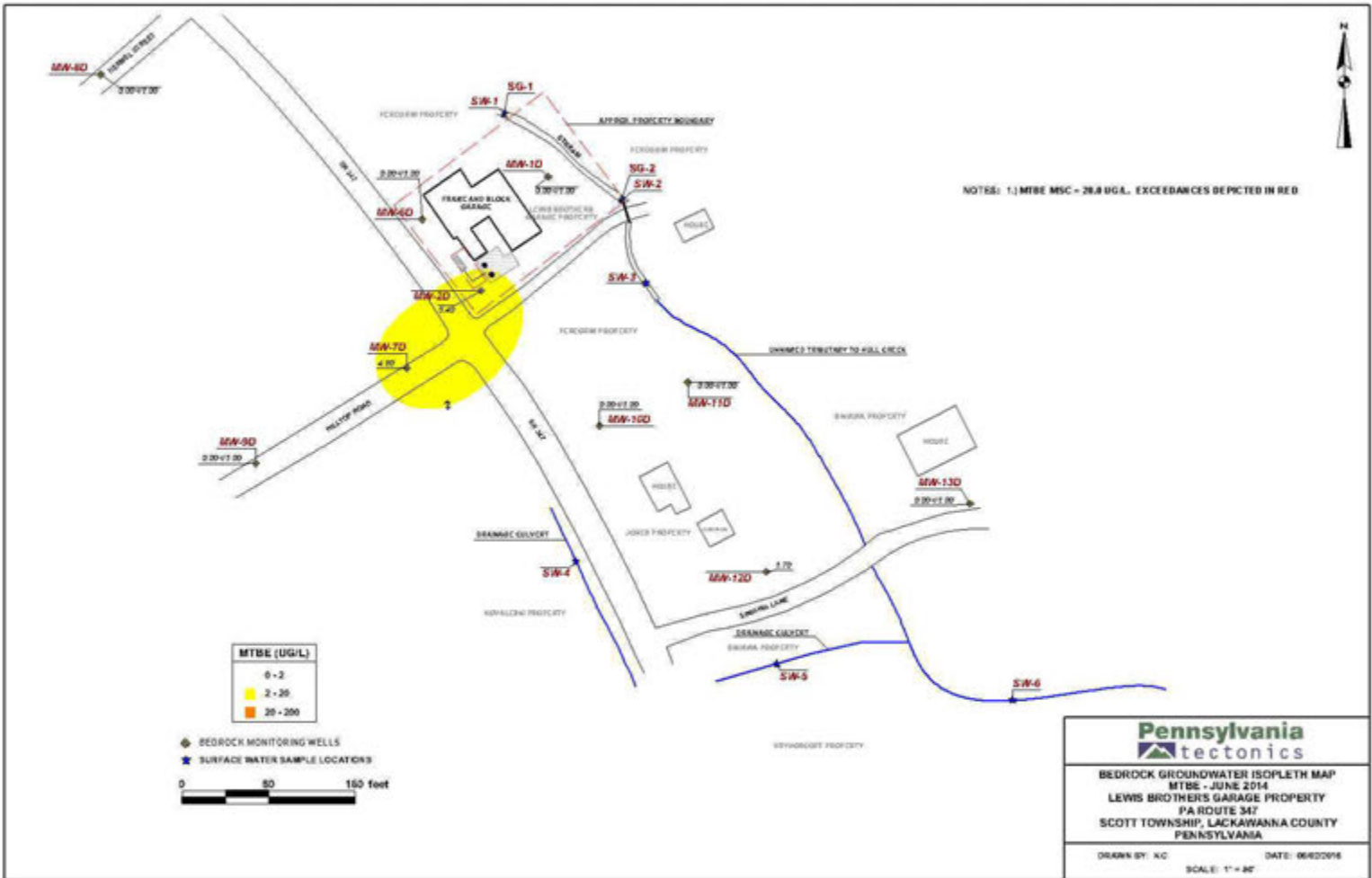
**Pennsylvania**  
 tectonics

BEDROCK GROUNDWATER ISOPLETH MAP  
 MTBE - JUNE 2012  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 347  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

DRAWN BY: KC      DATE: 06/20/12  
 SCALE: 1" = 50'







NOTES: 1.) MTBE MSC - 20.0 UGL. EXCEEDANCES DEPICTED IN RED

MTBE (UG/L)	
0 - 2	(White)
2 - 25	(Yellow)
25 - 200	(Red)

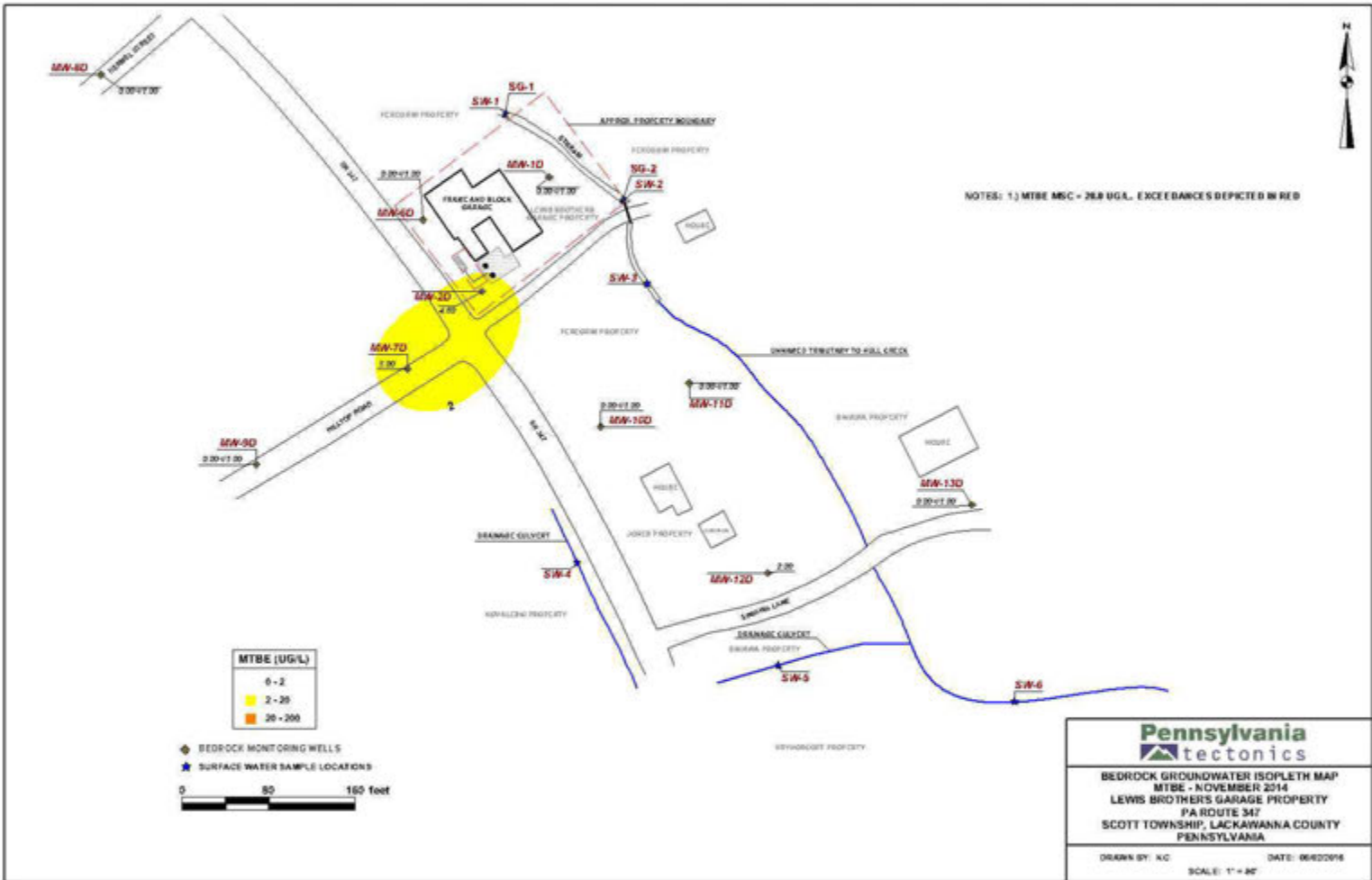
◆ BEDROCK MONITORING WELLS  
 ★ SURFACE WATER SAMPLE LOCATIONS  
 0 50 100 feet

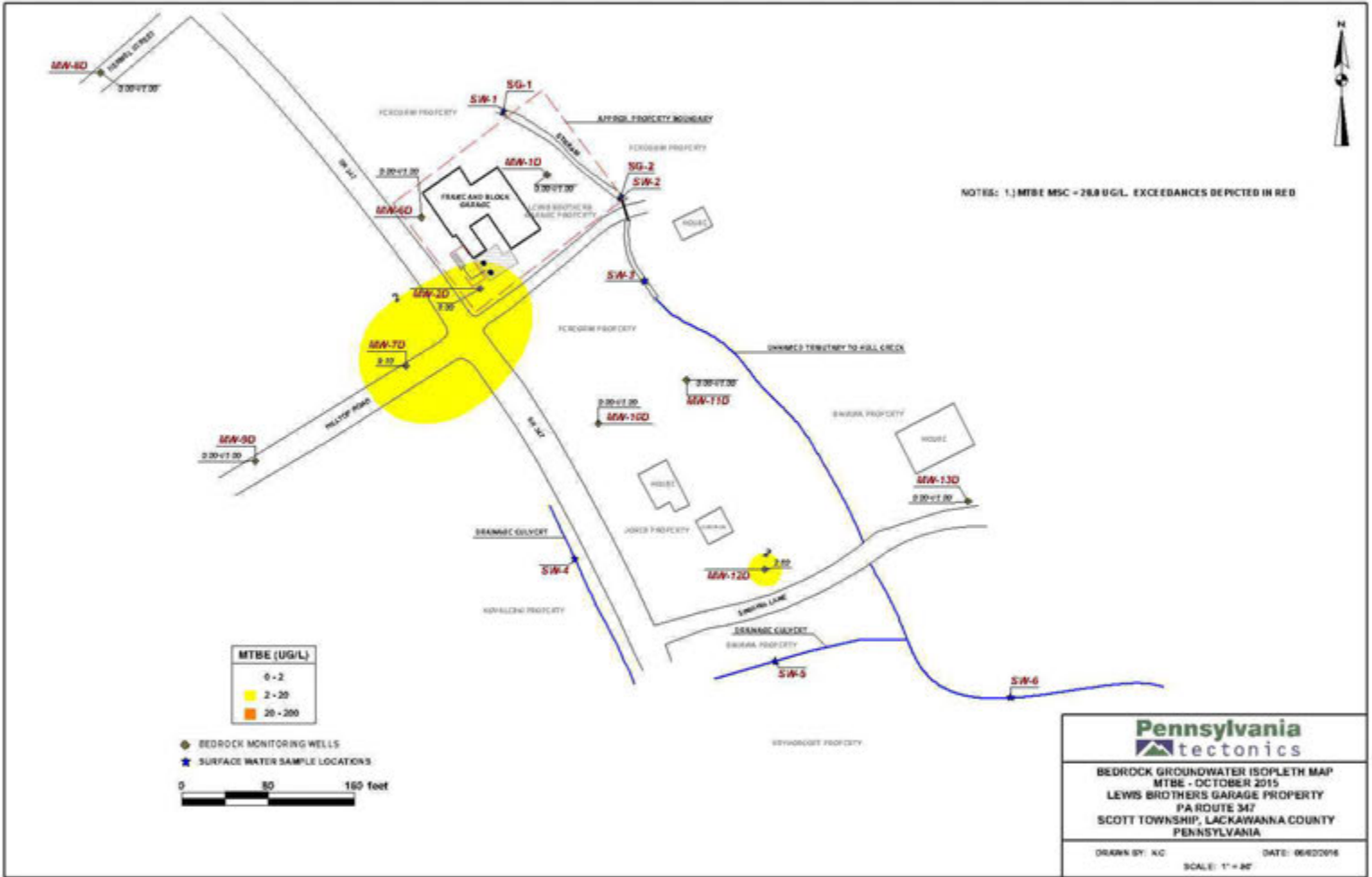
**Pennsylvania**  
 tectonics

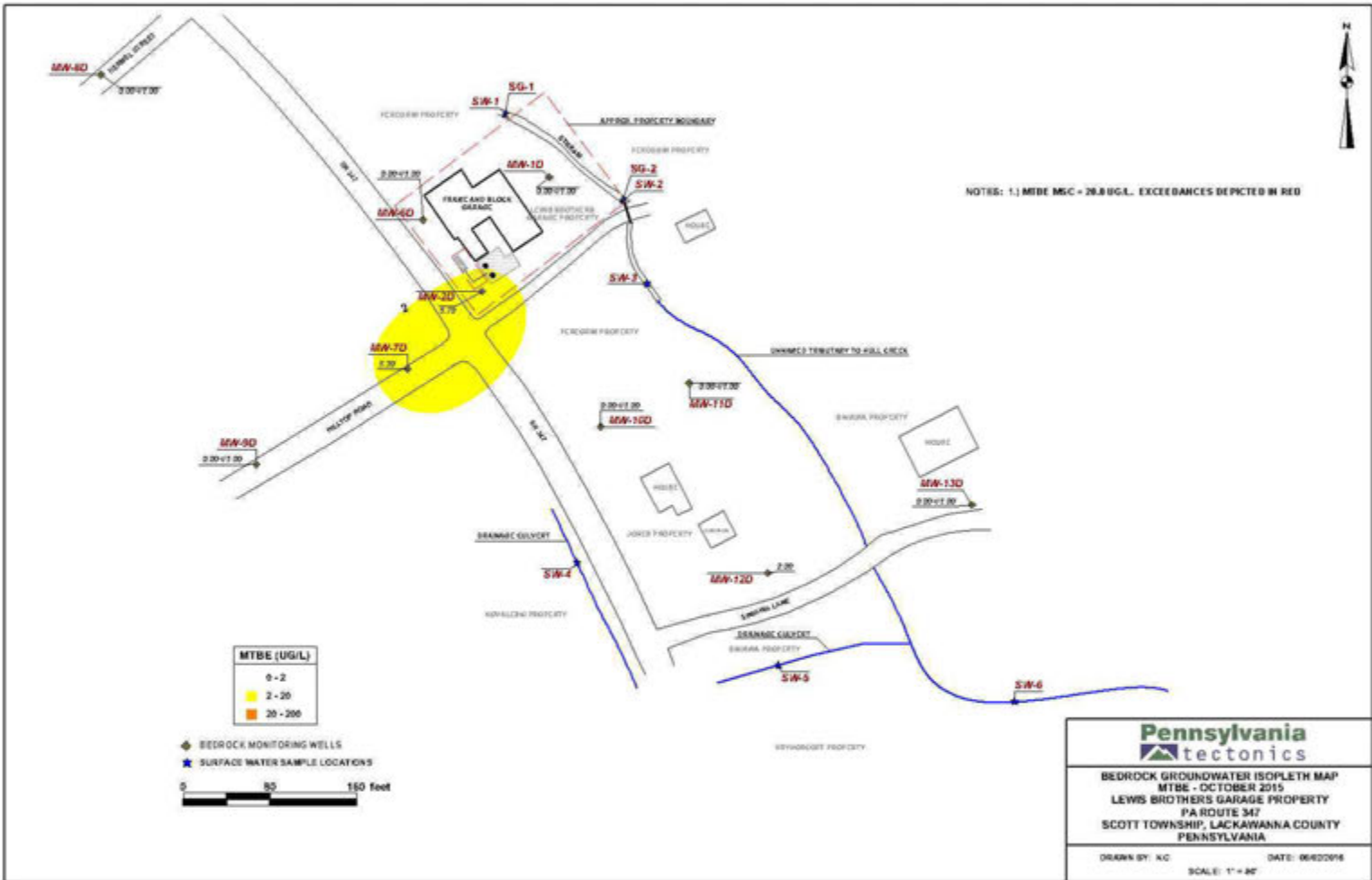
BEDROCK GROUNDWATER ISOPLETH MAP  
 MTBE - JUNE 2014  
 LEWIS BROTHERS GARAGE PROPERTY  
 PA ROUTE 347  
 SCOTT TOWNSHIP, LACKAWANNA COUNTY  
 PENNSYLVANIA

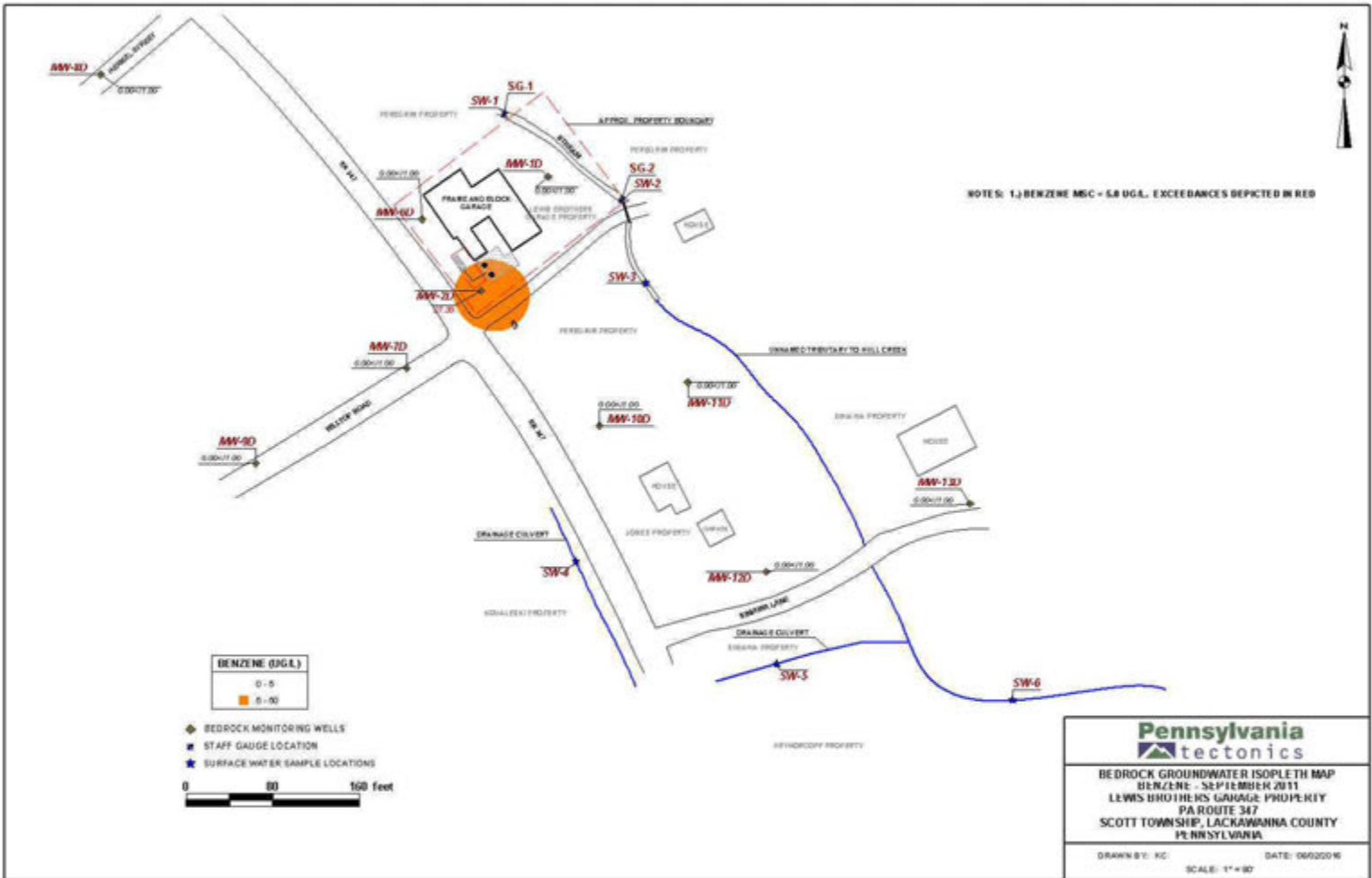
DRAWN BY: KC      DATE: 06/02/06  
 SCALE: 1" = 40'

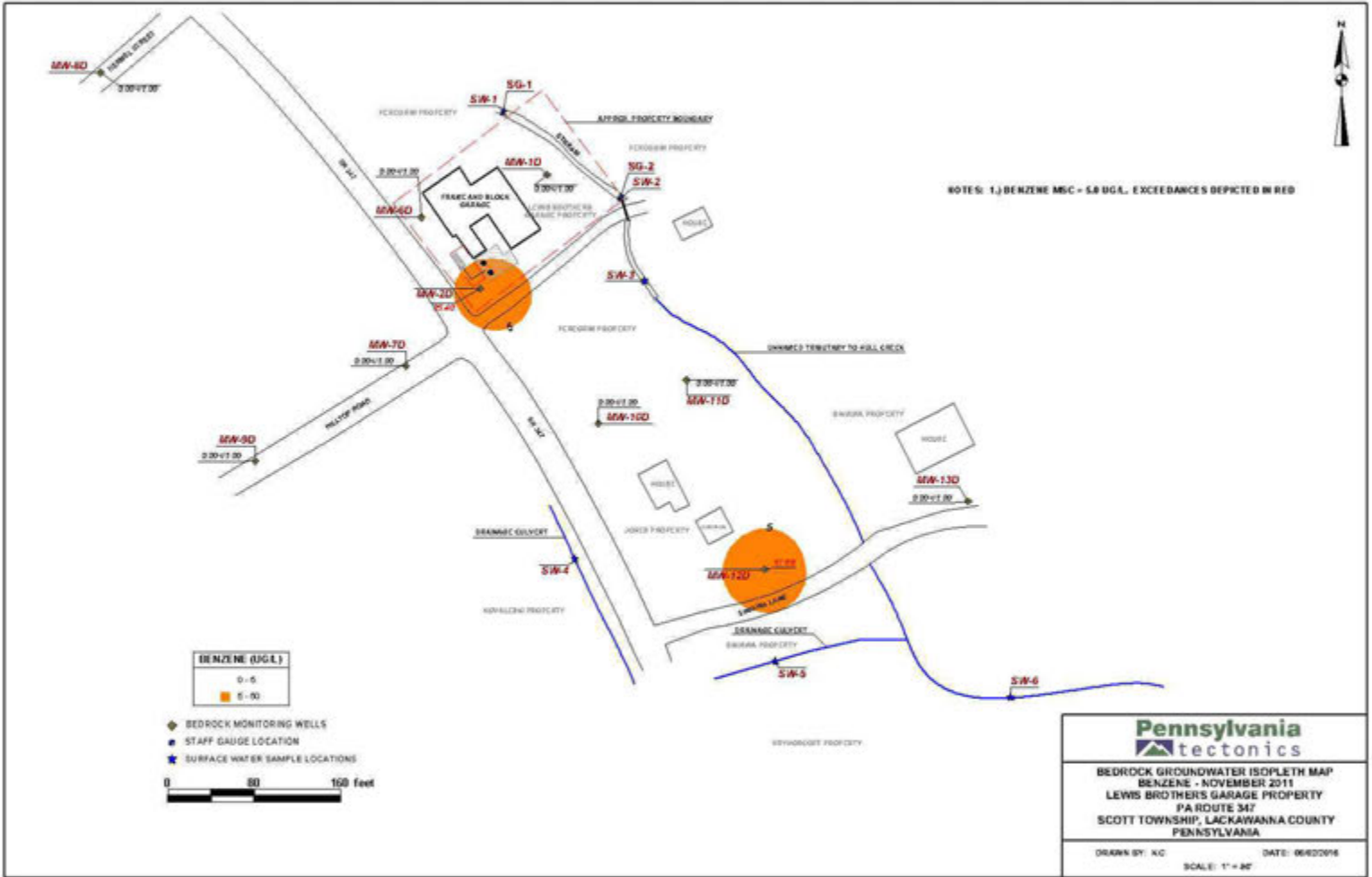












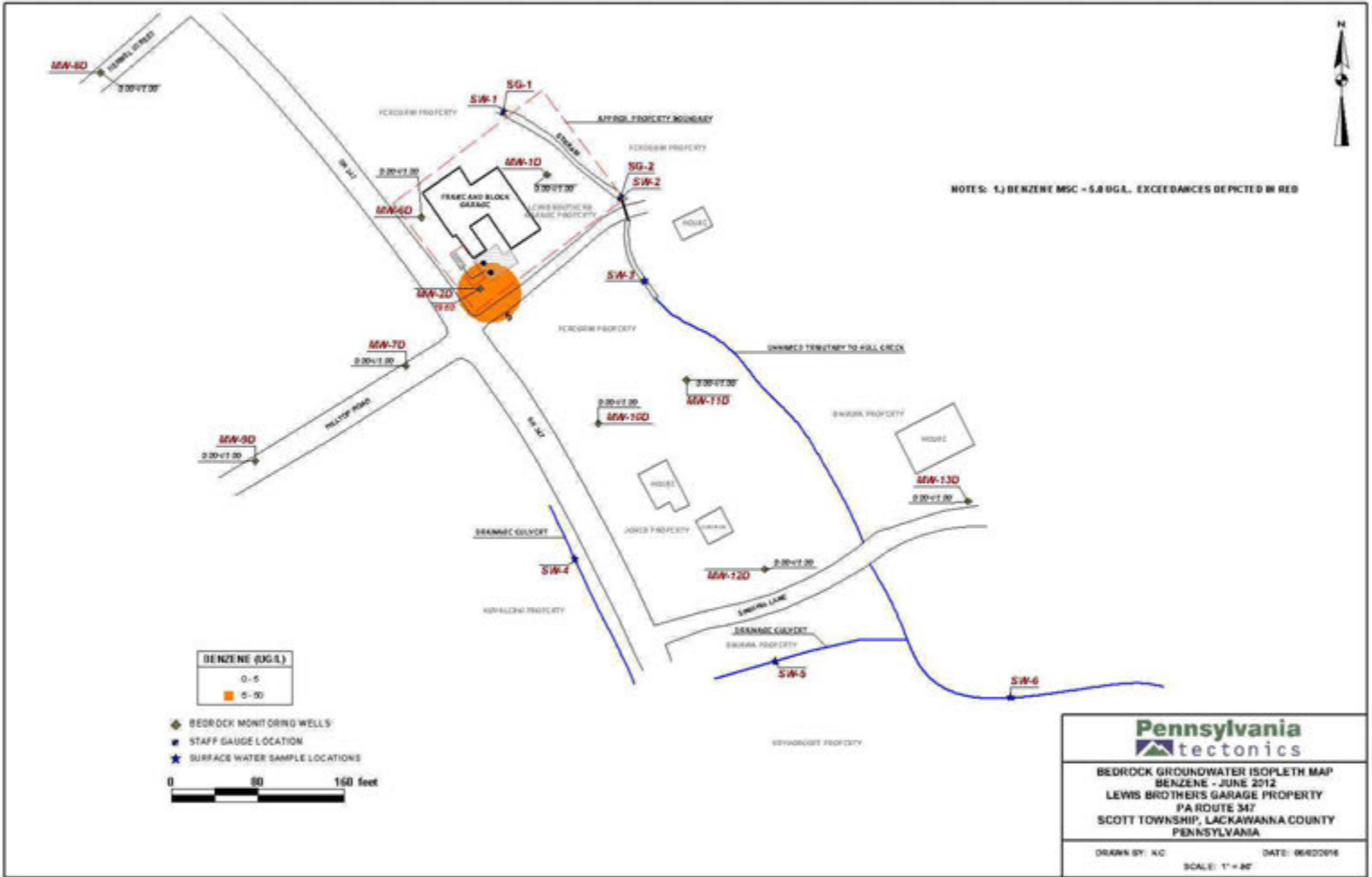
NOTES: 1.) BENZENE MISC - 5.0 UGL. EXCEEDANCES DEPICTED IN RED

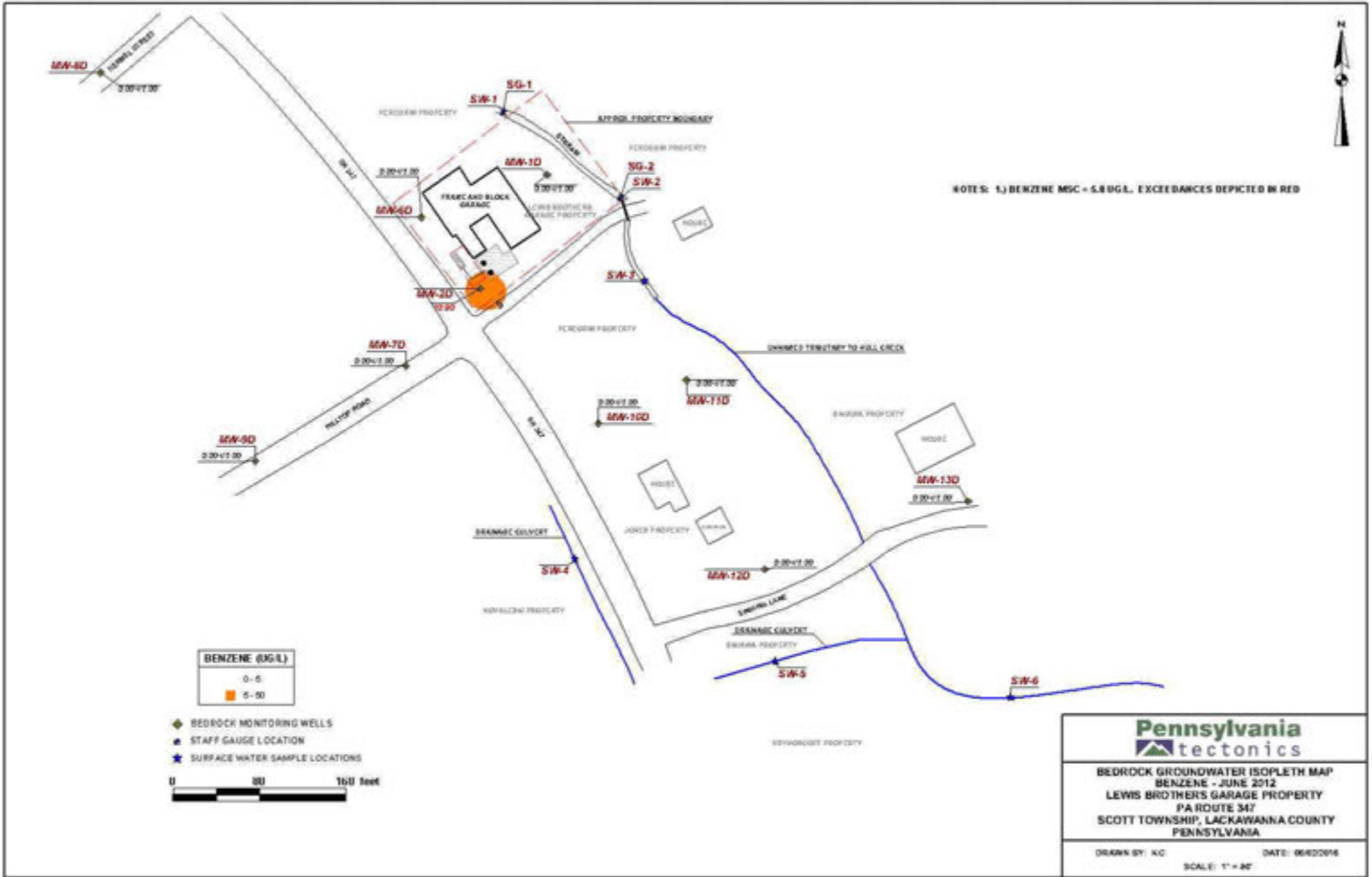
BENZENE (UGL)	
0 - 5	(White circle)
5 - 50	(Orange circle)

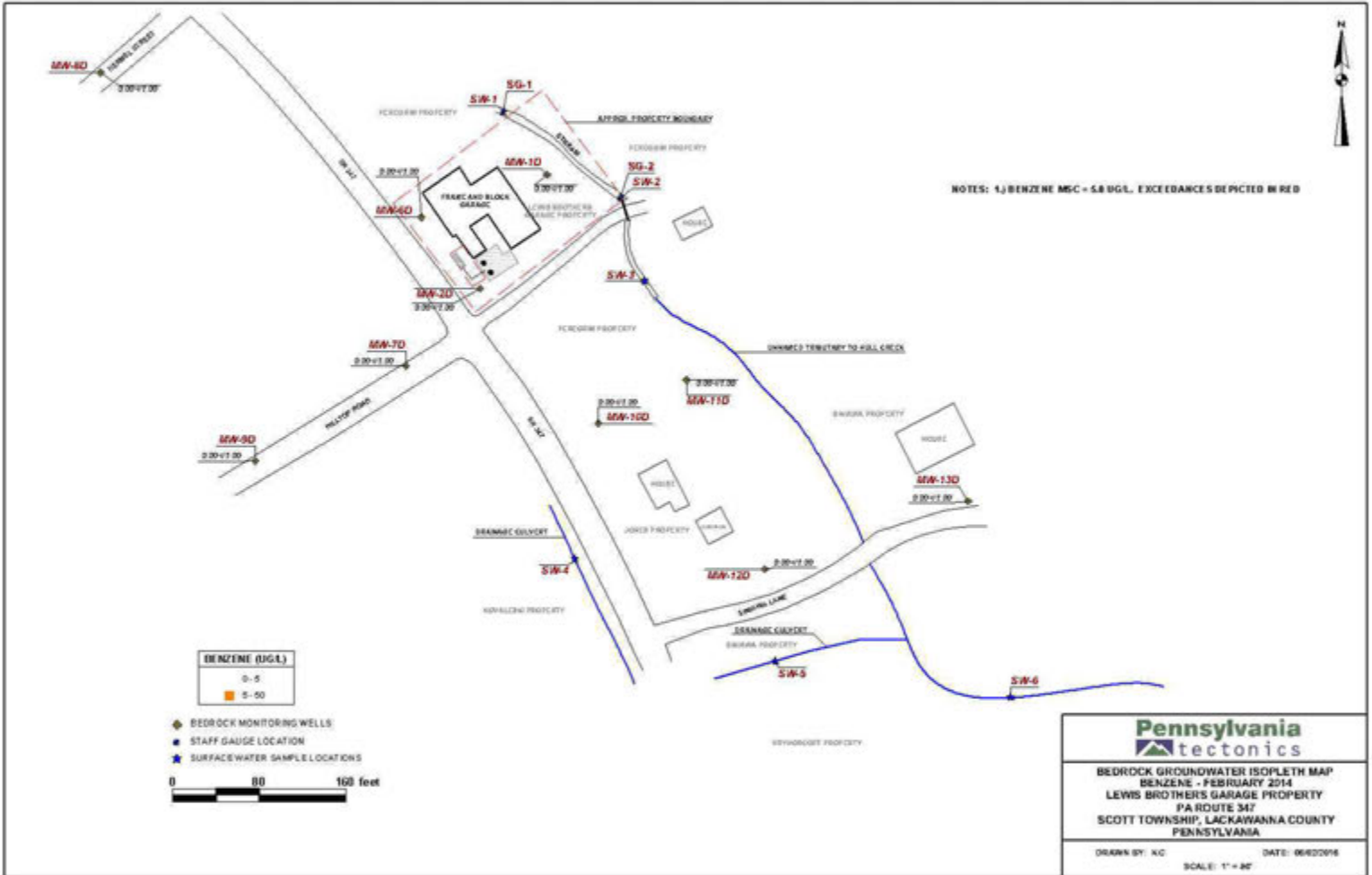
- ◆ BEDROCK MONITORING WELLS
- STAFF GAUGE LOCATION
- ★ SURFACE WATER SAMPLE LOCATIONS



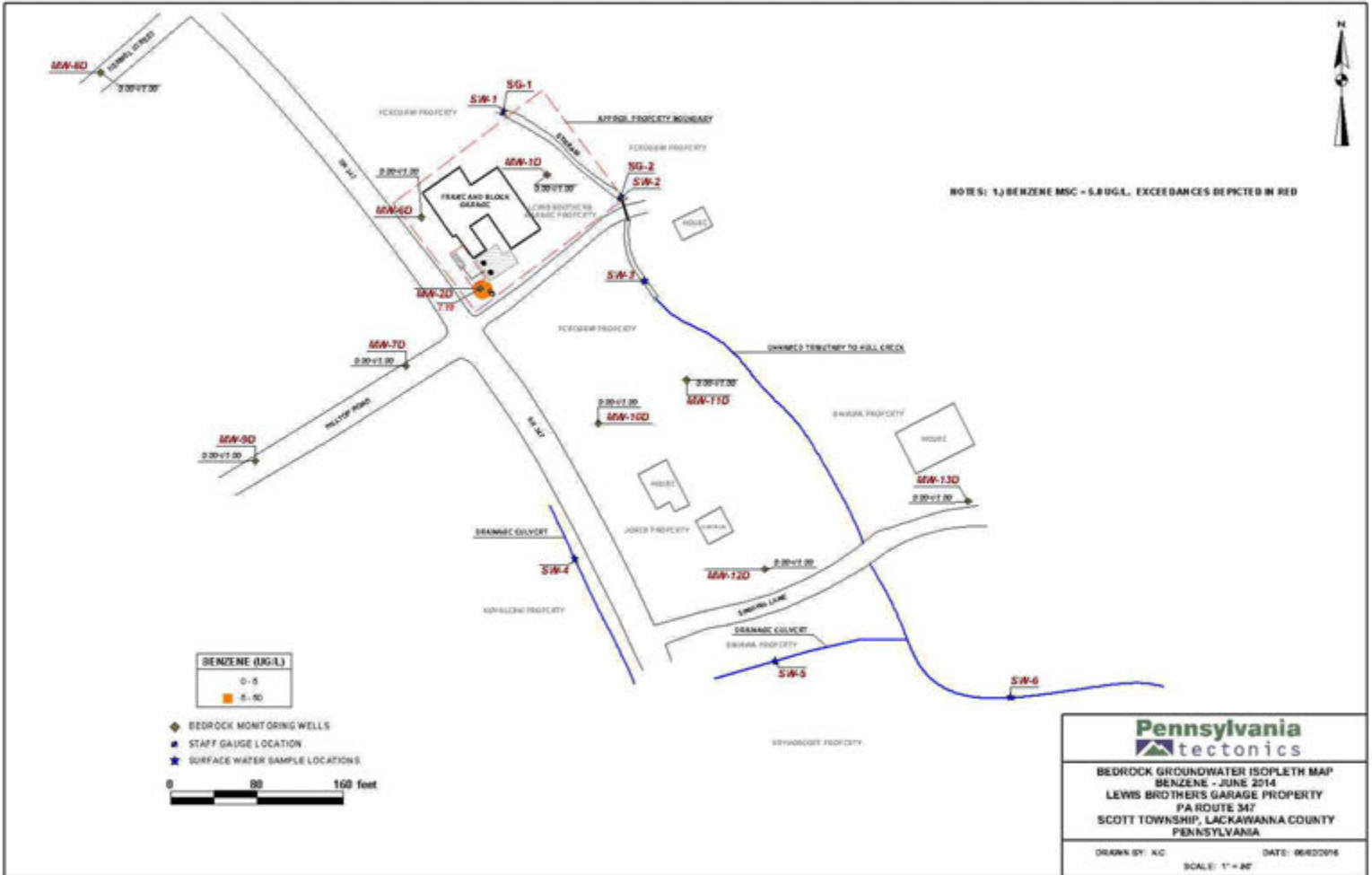
<b>Pennsylvania</b> tectonics	
BEDROCK GROUNDWATER ISOPLETH MAP BENZENE - NOVEMBER 2011 LEWIS BROTHERS GARAGE PROPERTY PA ROUTE 347 SCOTT TOWNSHIP, LACKAWANNA COUNTY PENNSYLVANIA	
DRAWN BY: KC	DATE: 06/02/09
SCALE: 1" = 40'	

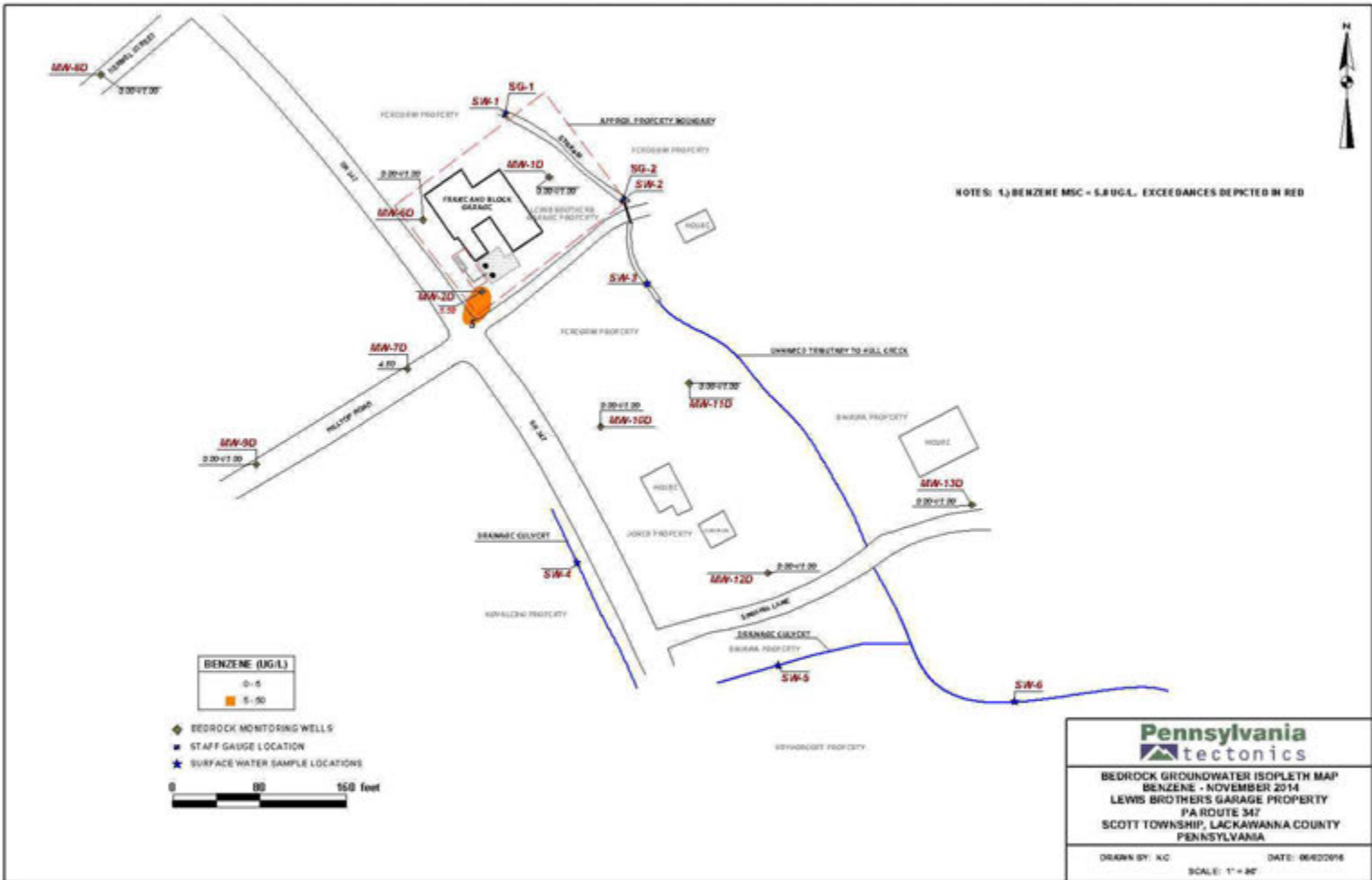


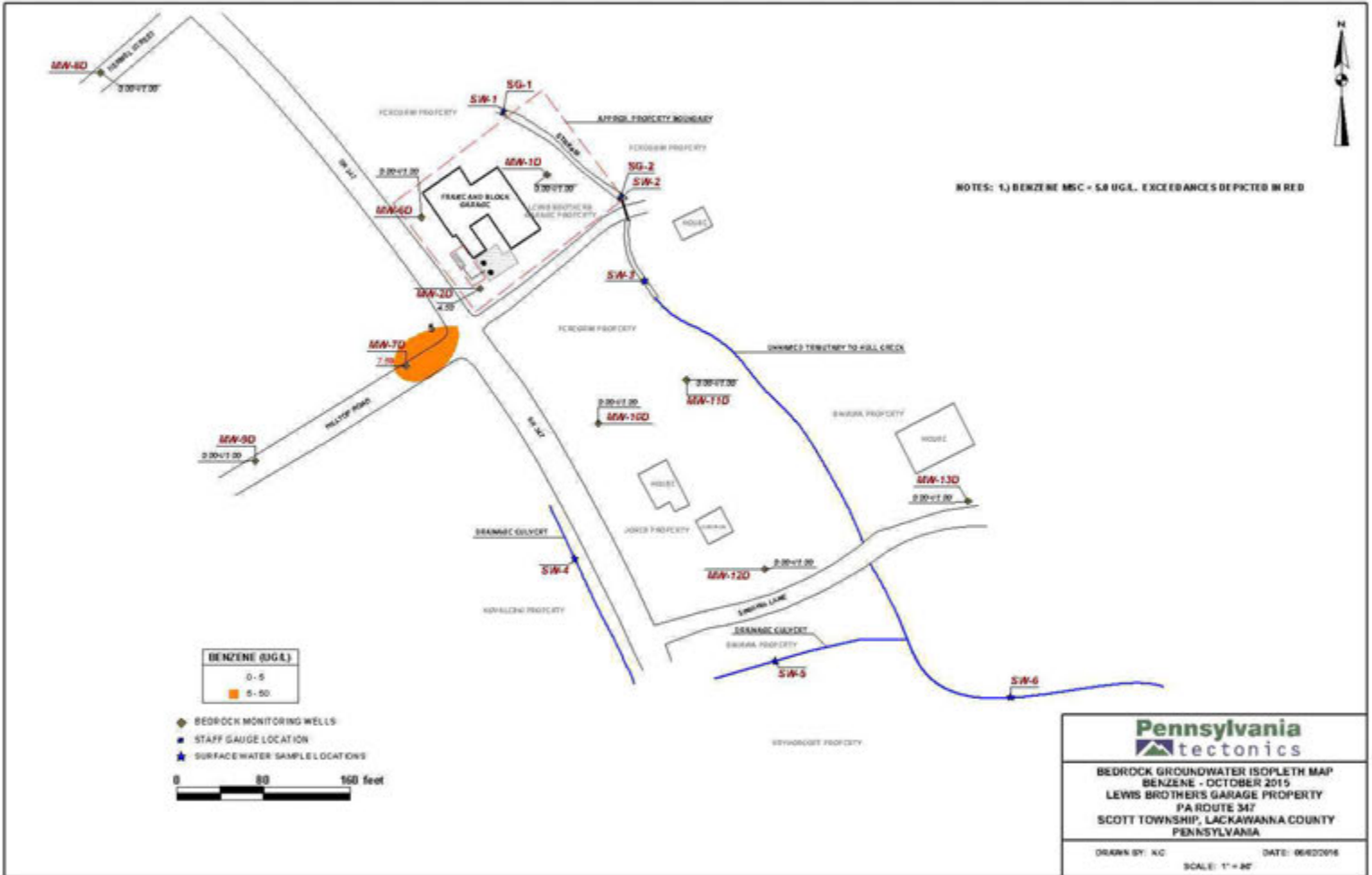


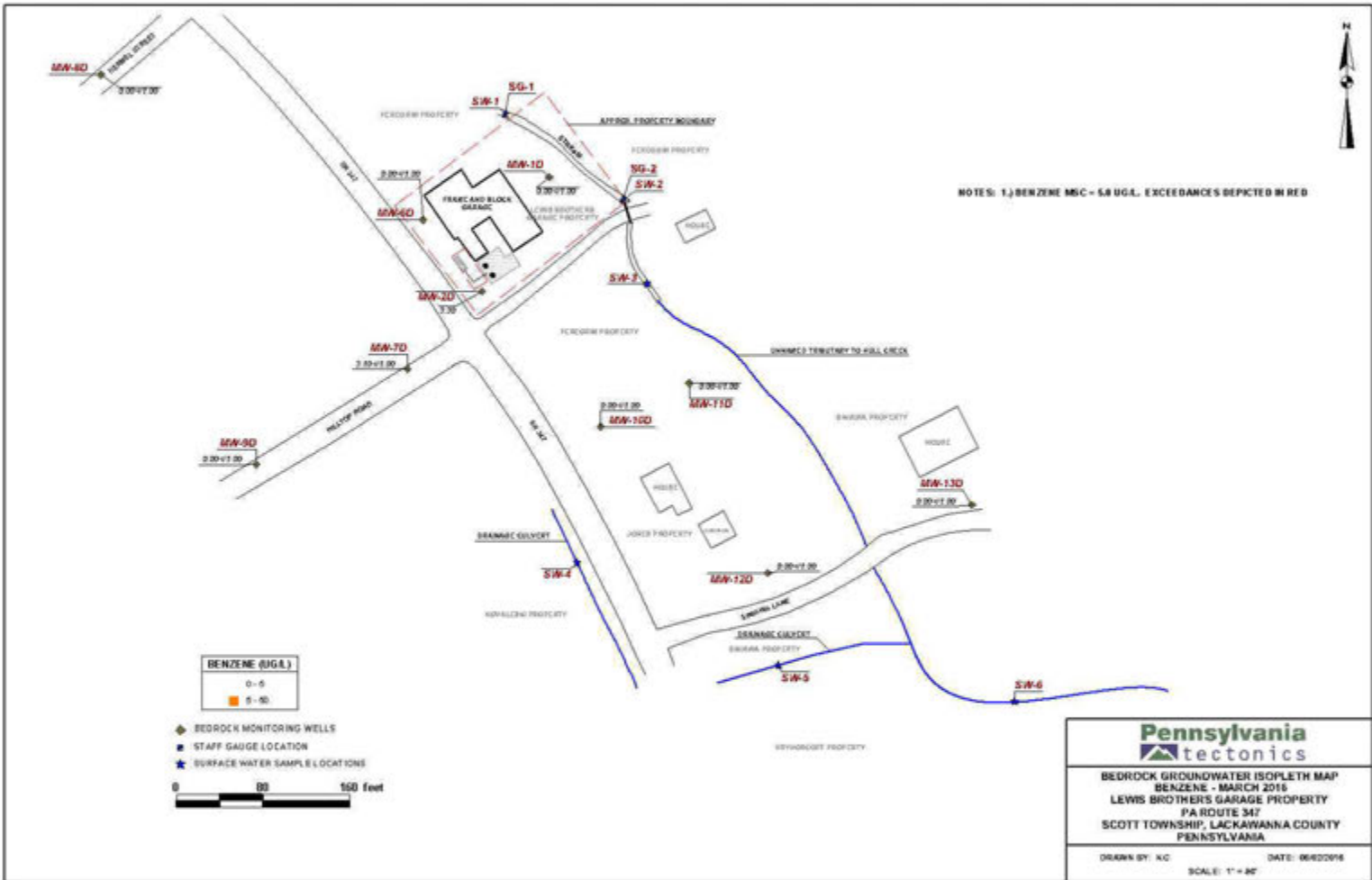


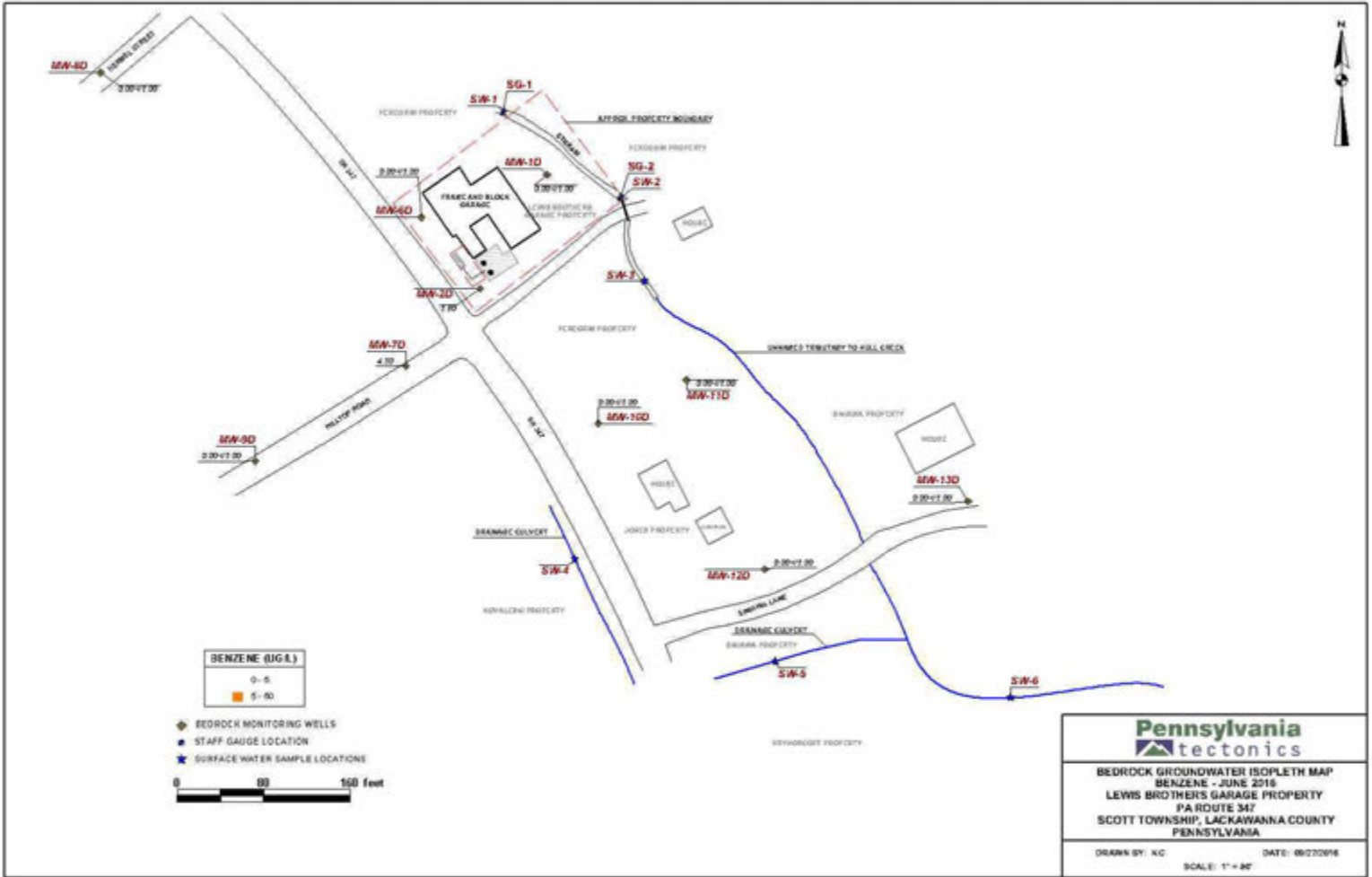


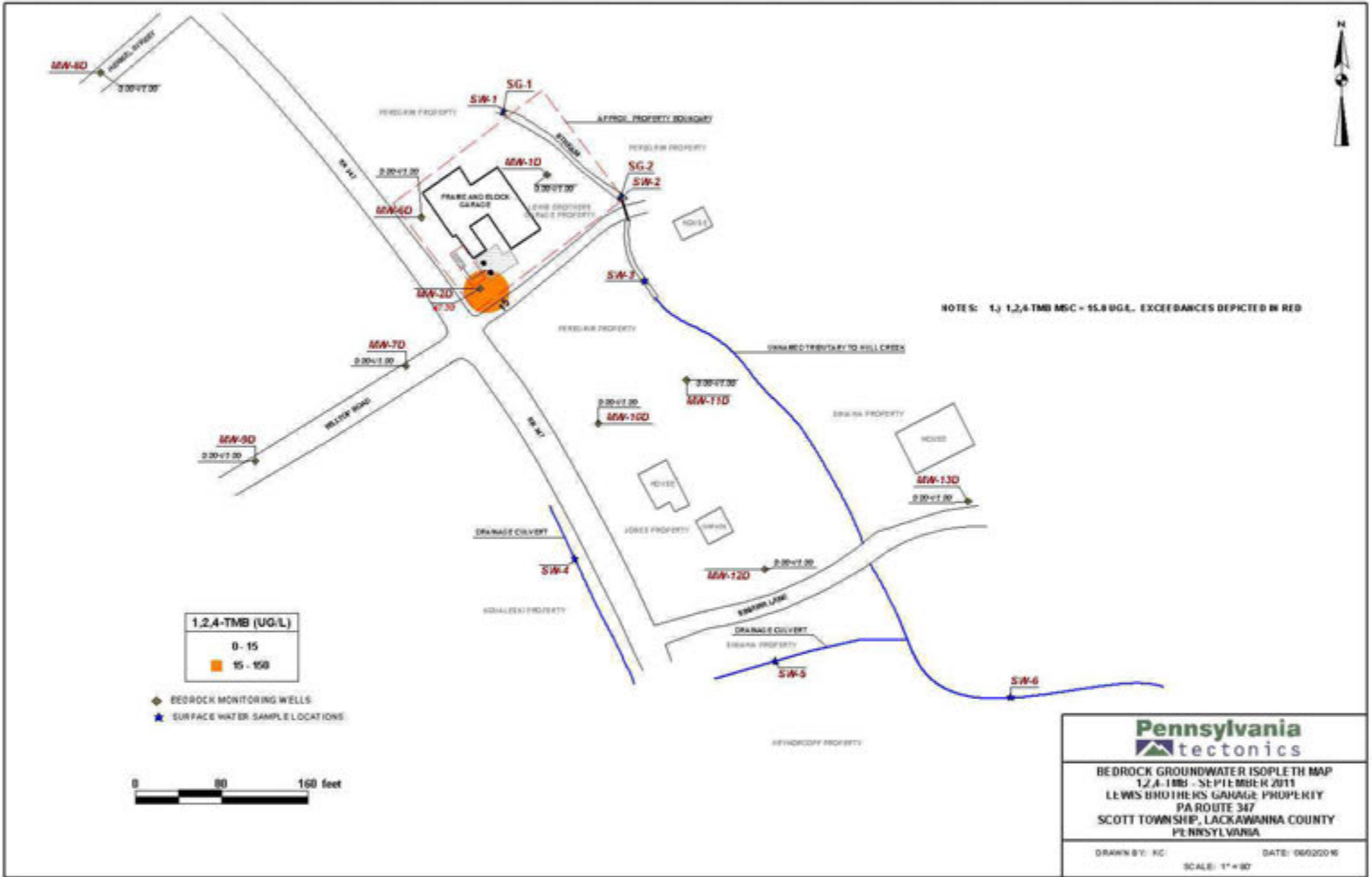


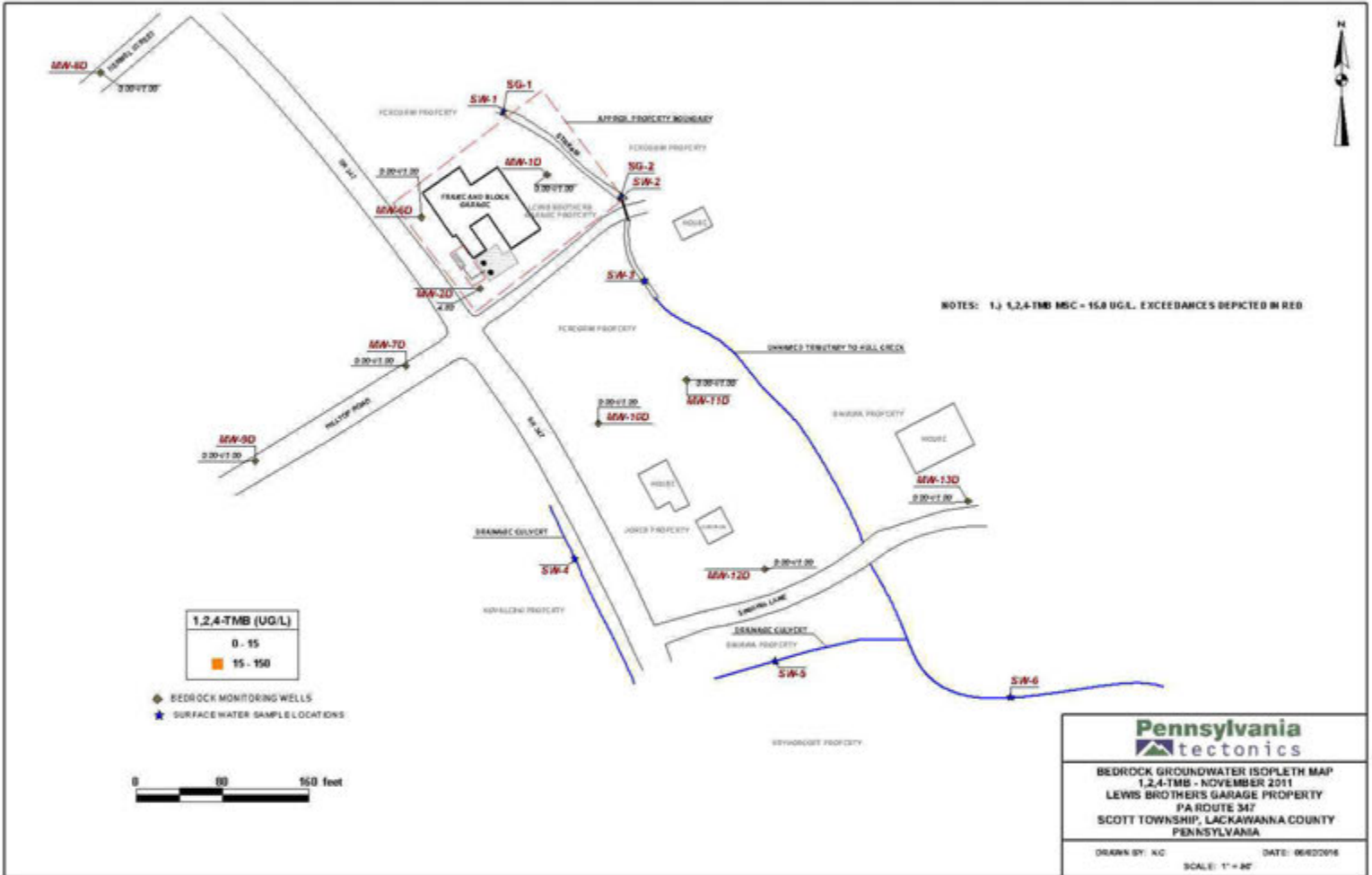


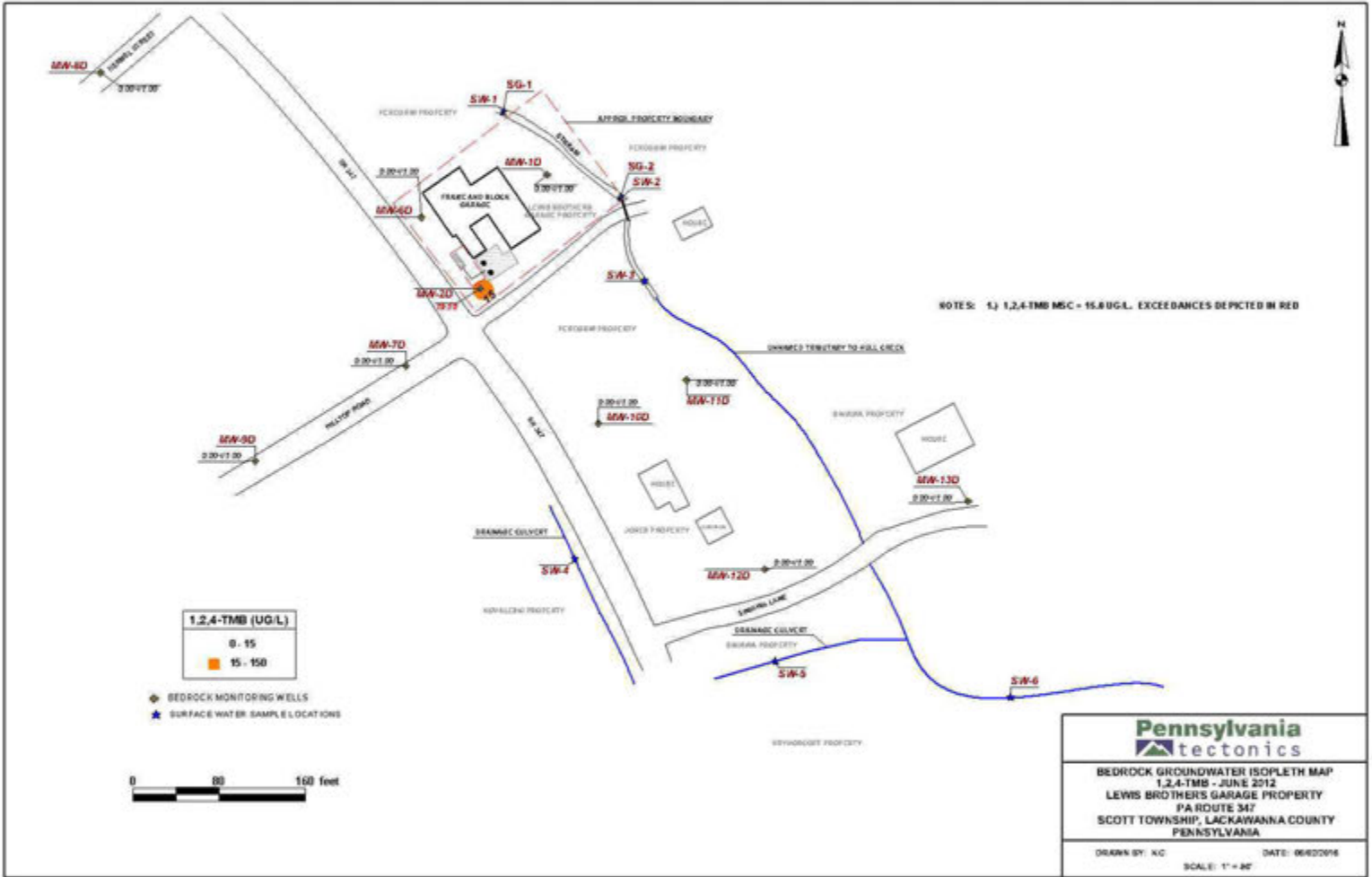




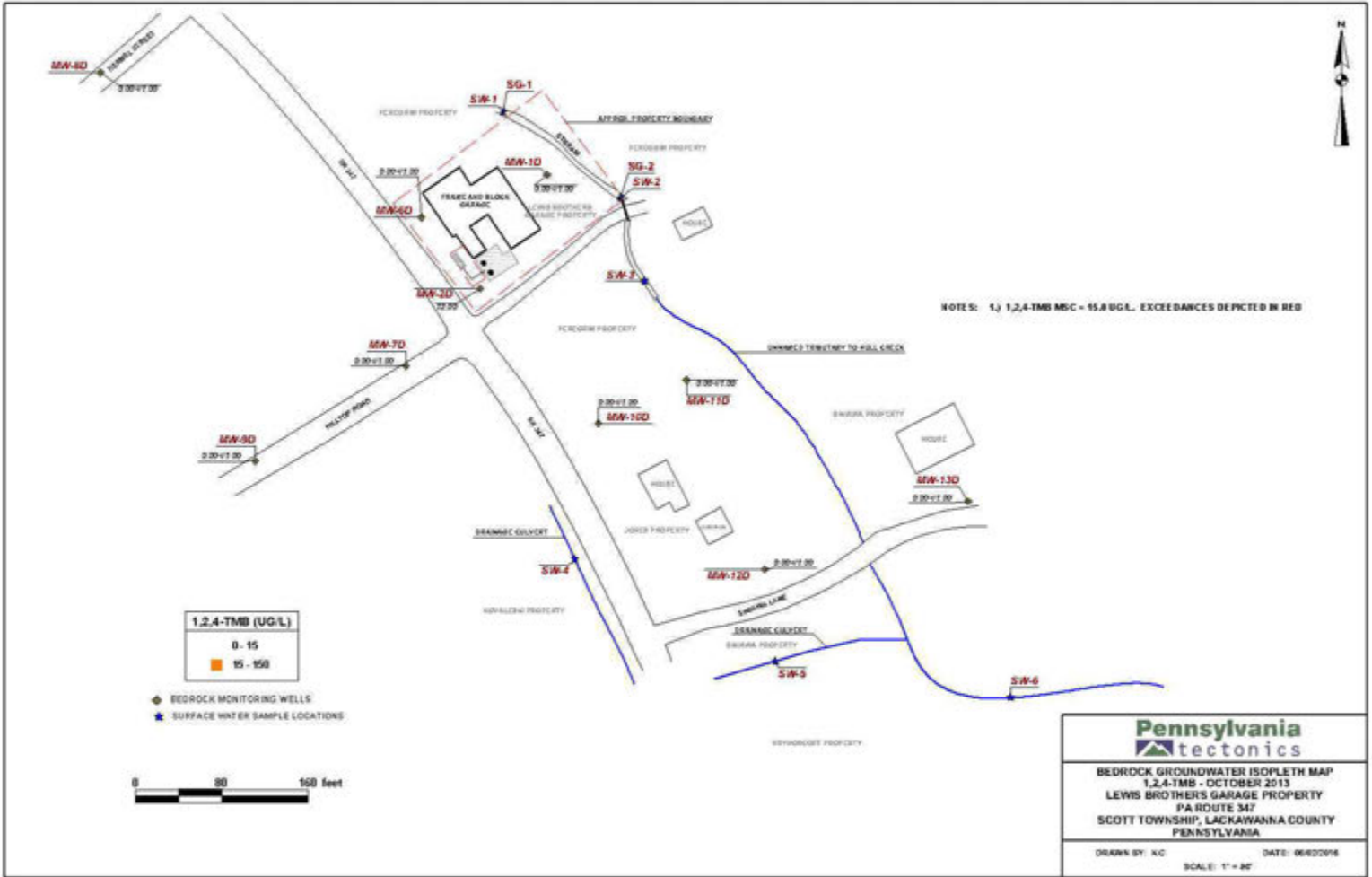








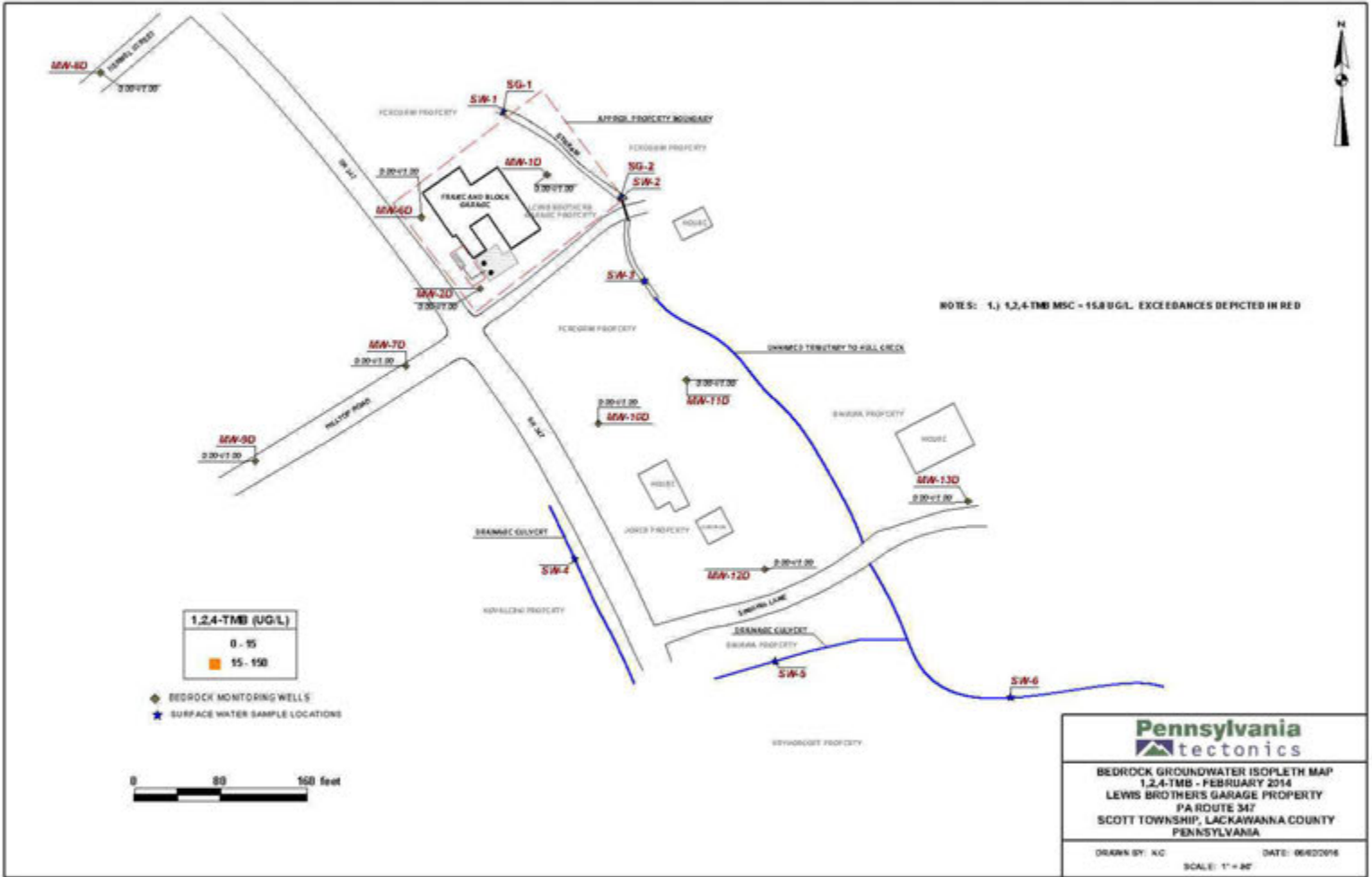


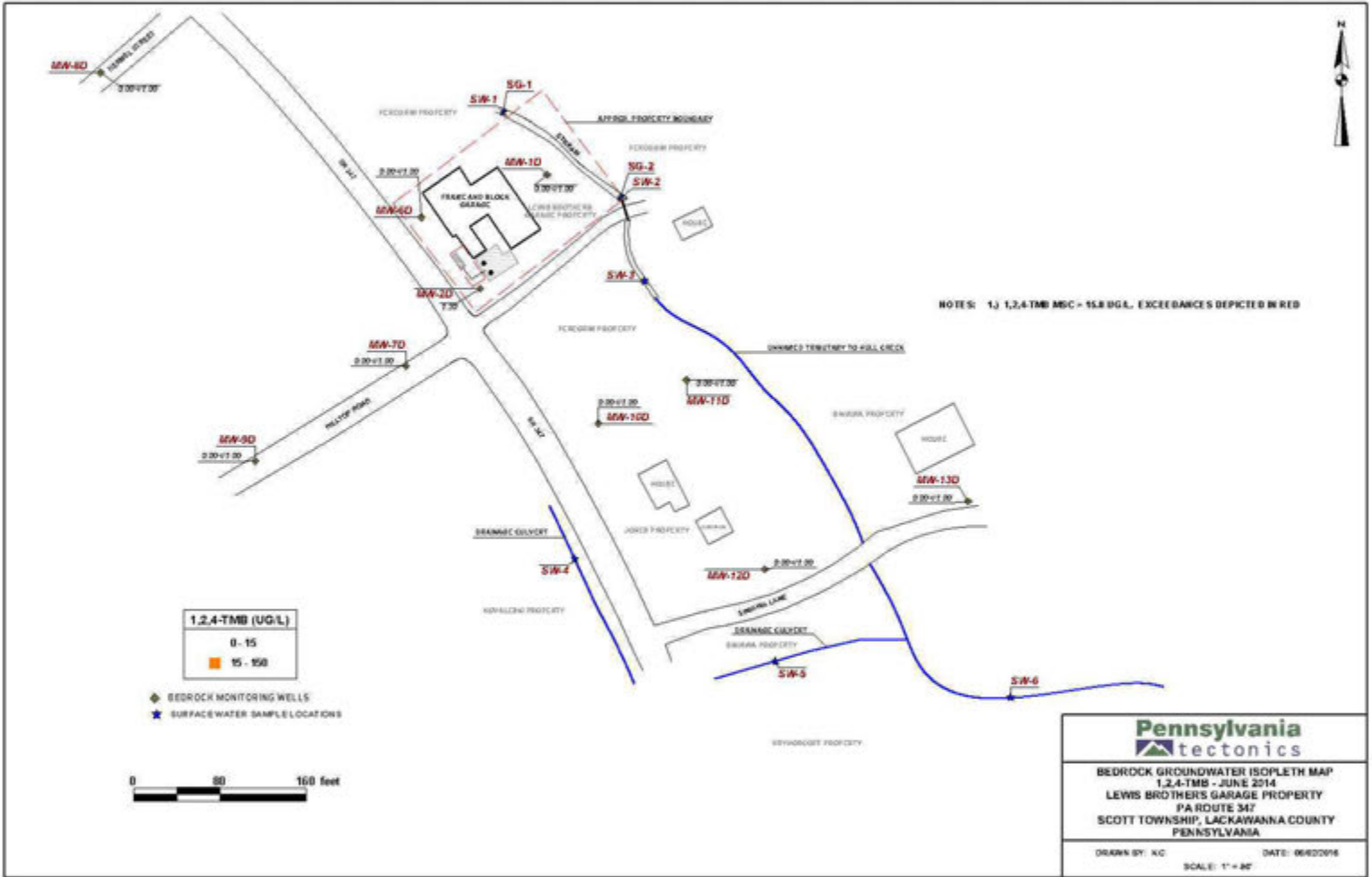


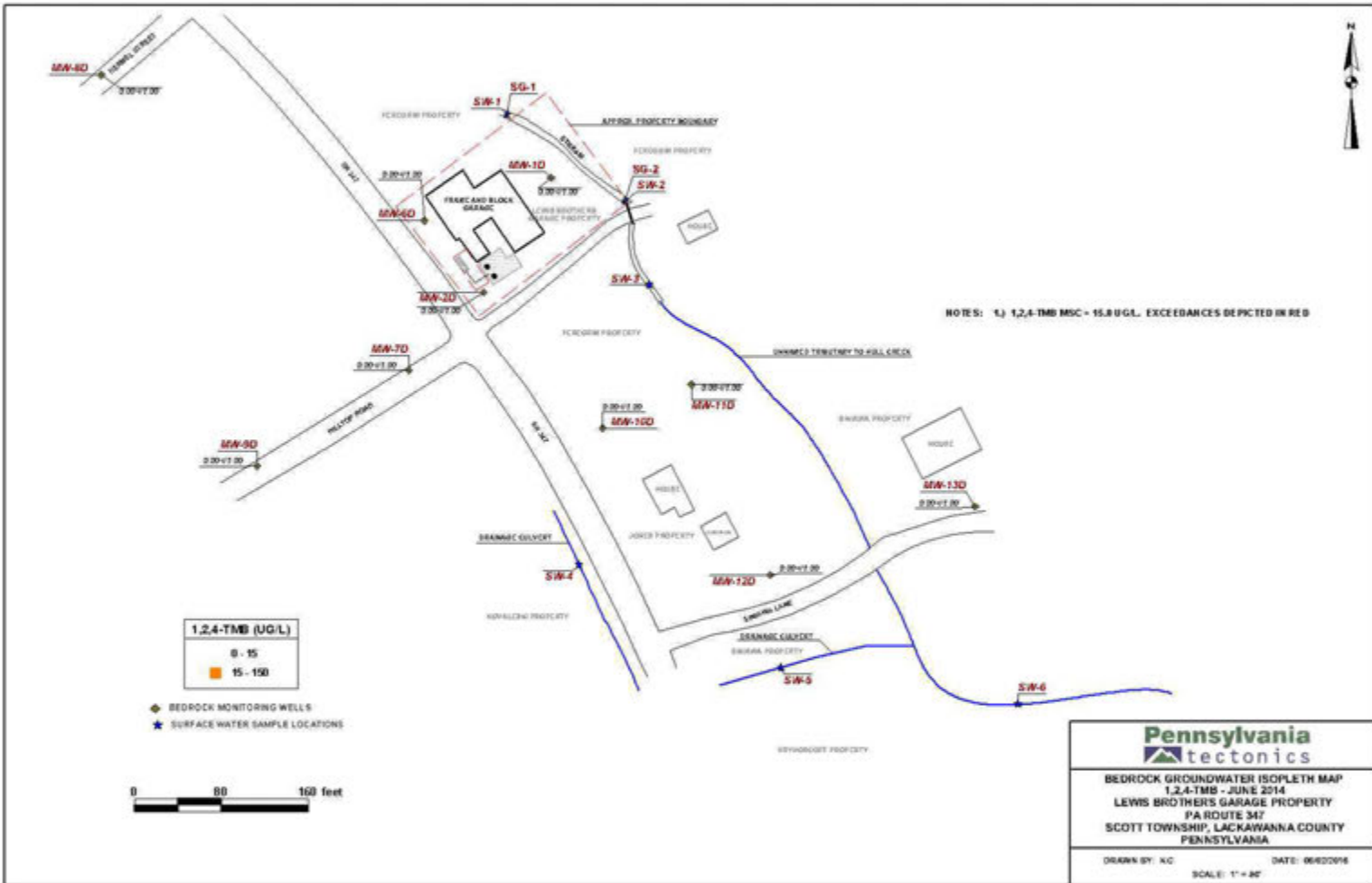
**Pennsylvania tectonics**

BEDROCK GROUNDWATER ISOPLETH MAP  
1,2,4-TMB - OCTOBER 2013  
LEWIS BROTHERS GARAGE PROPERTY  
PA ROUTE 347  
SCOTT TOWNSHIP, LACKAWANNA COUNTY  
PENNSYLVANIA

DRAWN BY: KC      DATE: 06/20/16  
SCALE: 1" = 80'







1,2,4-TMB (UG/L)

0 - 15

15 - 150

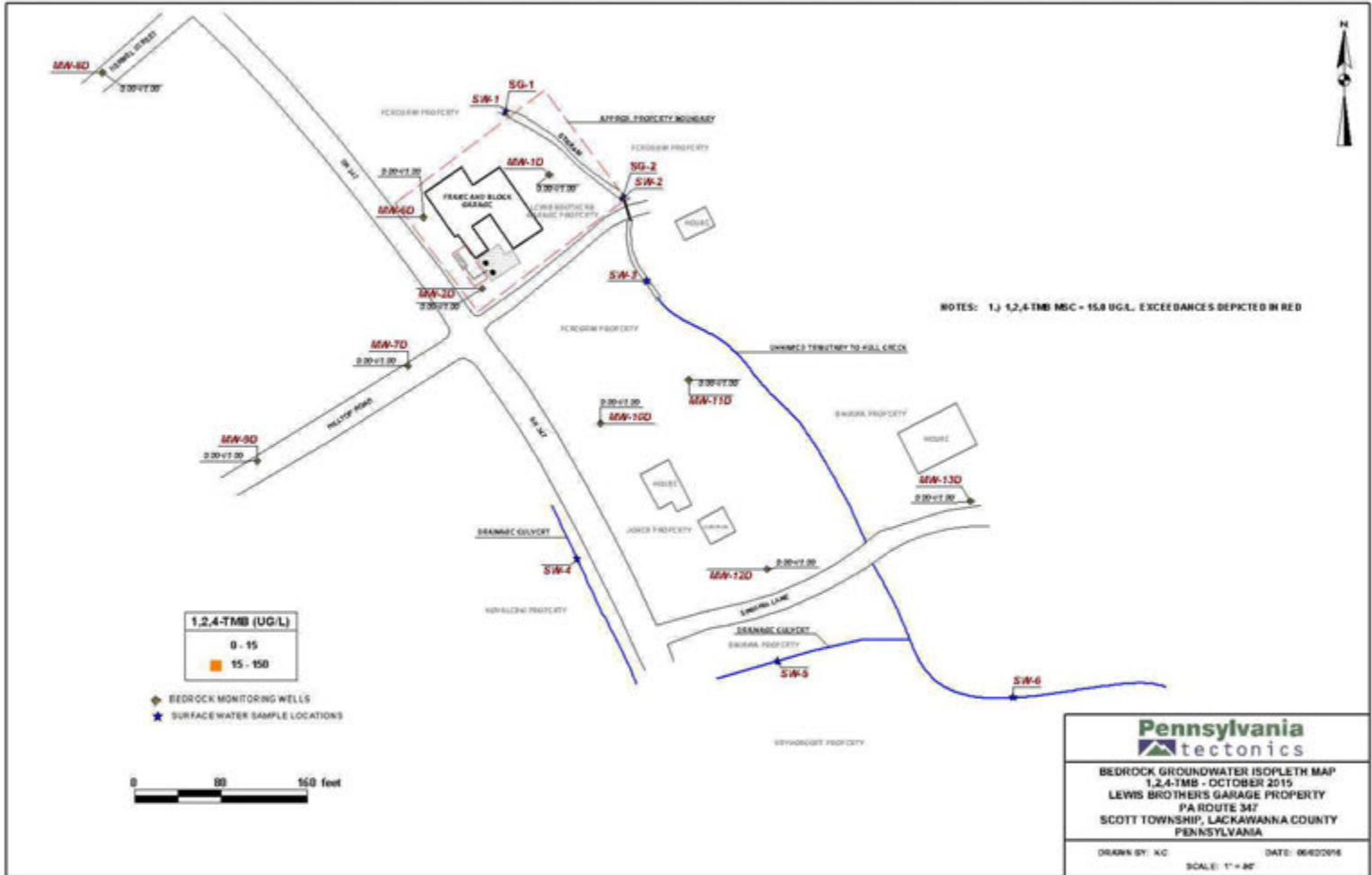
- ◆ BEDROCK MONITORING WELLS
- ★ SURFACE WATER SAMPLE LOCATIONS

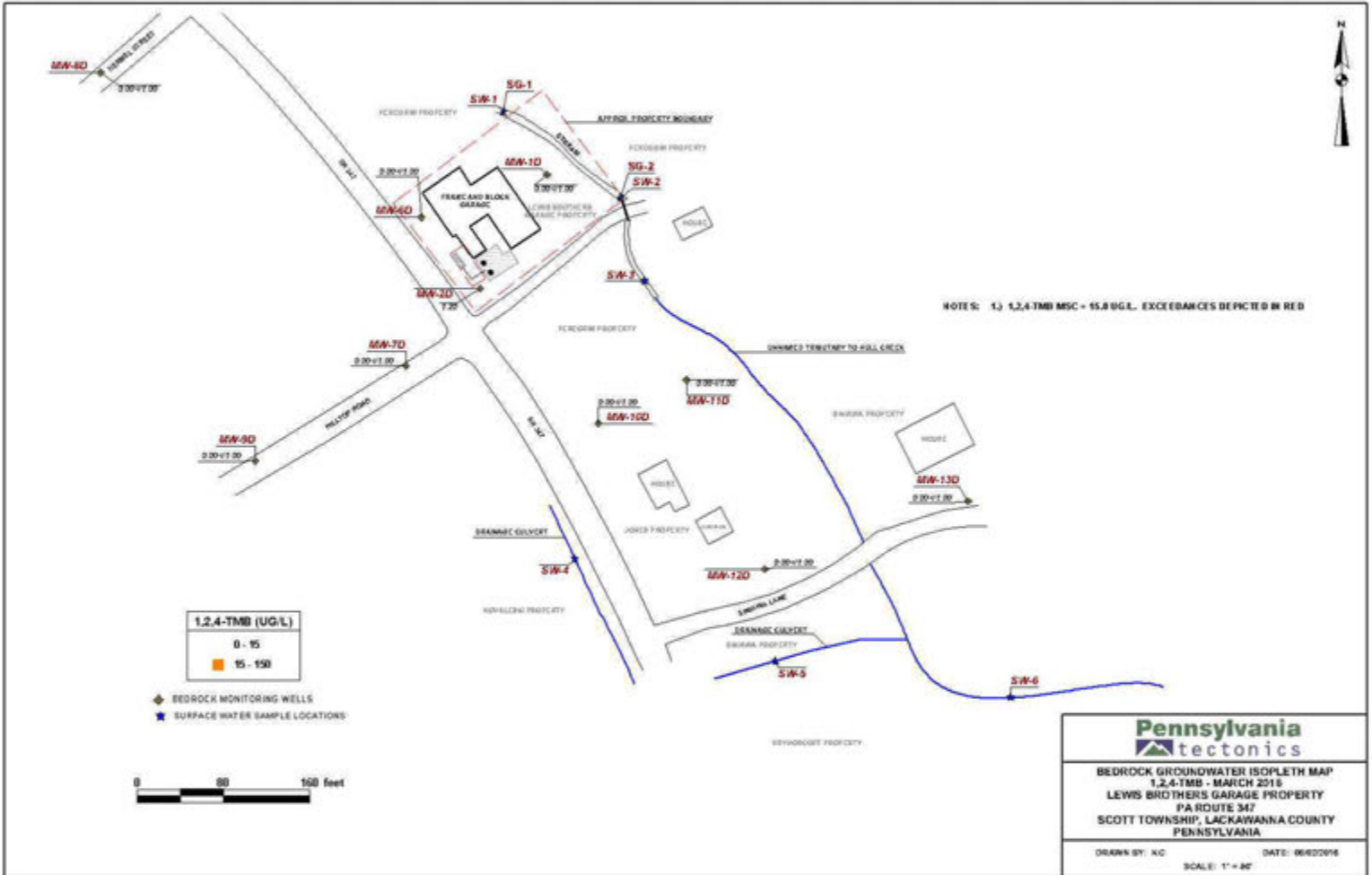


**Pennsylvania**  
tectonics

BEDROCK GROUNDWATER ISOPLETH MAP  
1,2,4-TMB - JUNE 2014  
LEWIS BROTHERS GARAGE PROPERTY  
PA ROUTE 347  
SCOTT TOWNSHIP, LACKAWANNA COUNTY  
PENNSYLVANIA

DRAWN BY: KC      DATE: 06/20/14  
SCALE: 1" = 80'





APPENDIX AA

Field Data Summary Tables





06/06/16

TABLE A-1  
Groundwater Intrinsic Data Summary  
Groundwater Monitoring Wells  
Lewis Brothers

Well Number	Date Sampled	Well Head Elevation (feet)	Depth to Groundwater (feet)	Relative Groundwater Elevation (feet)	Product Thickness (feet)	D.O.	O.R.P (mV)	Ferrous Ion (mg/L)	Sulfate (mg/L)	Manganese (mg/L)	Nitrate (mg/L)
<b>MW-6s</b>											
	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	1515.44	10.71	1504.73	0.00	NA	NA	NA	NA	NA	NA
Total Depth: 17.0'	4/5/2009	1515.44	9.81	1505.63	0.00	2.26	-105.0	1.12	41.0	20.7	0.0
	3/9/2010	1515.44	12.21	1503.23	0.00	1.28	-90.0	0.28	40.0	12.6	0.0
Screened Interval: 17.0' - 2.0'	8/22/2010	1515.44	14.88	1500.56	0.00	NA	NA	NA	NA	NA	NA
	8/29/2011	1515.44	8.44	1507.00	0.00	1.04	23.3	0.07	25.0	8.5	0.0
	11/6/2011	1515.44	5.97	1509.47	0.00	2.98	60.4	NA	NA	NA	NA
	6/12/2012	1515.44	9.35	1506.09	0.00	2.65	114.1	NA	NA	NA	NA
	10/2/2013	1515.44	11.24	1504.20	0.00	3.35	108.3	NA	NA	NA	NA
	2/5/2014	1515.44	10.39	1505.05	0.00	5.85	316.0	NA	NA	NA	NA
	6/22/2014	1515.44	8.89	1506.55	0.00	2.28	69.3	0.08	34.0	6.0	0.7
	11/21/2014	1515.44	15.14	1500.30	0.00	NA	NA	NA	NA	NA	NA
	10/6/2015	1515.44	15.58	1499.86	0.00	NA	NA	NA	NA	NA	NA
	4/12/2016	1515.44	11.53	1503.91	0.00	2.22	82.0	NA	NA	NA	NA
		1515.44									
<b>MW-7s</b>											
	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 28.0'	4/5/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 28.0' - 3.0'	8/22/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	8/29/2011	1514.48	12.88	1501.60	0.00	4.48	141.0	0.01	13.0	0.0	1.5
	11/6/2011	1514.48	12.92	1501.56	0.00	4.20	179.0	NA	NA	NA	NA
	6/12/2012	1514.48	13.94	1500.54	0.00	4.96	189.0	NA	NA	NA	NA
	10/2/2013	1514.48	15.70	1498.78	0.00	2.99	193.0	NA	NA	NA	NA
	2/6/2014	1514.48	14.41	1500.07	0.00	4.70	173.0	0.00	11.0	0.0	1.8
	6/4/2014	1514.48	13.15	1501.33	0.00	8.42	192.0	0.01	23.0	0.8	1.2
	11/21/2014	1514.48	15.15	1501.33	0.00	0.95	223.0	0.53	19.0	0.2	2.0
	10/6/2015	1514.48	21.51	1492.97	0.00	1.30	18.1	0.62	16.0	0.4	4.4
	3/30/2016	1514.48	19.83	1494.65	0.00	5.35	97.0	0.14	18.0	0.3	3.0
		1514.48									
<b>MW-8s</b>											
	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 23.0'	4/5/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 23.0' - 3.0'	8/22/2010	1526.38	12.08	1514.30	0.00	2.04	33.0	0.07	80.0	0.1	1.2
	8/29/2011	1526.38	3.31	1523.07	0.00	5.98	160.0	0.02	27.0	0.0	0.2
	11/6/2011	1526.38	6.43	1519.95	0.00	1.78	186.0	NA	NA	NA	NA
	6/12/2012	1526.38	6.33	1519.95	0.00	4.14	219.0	NA	NA	NA	NA
	10/2/2013	1526.38	10.33	1516.05	0.00	2.40	189.0	NA	NA	NA	NA
	2/6/2014	1526.38	8.48	1517.90	0.00	7.25	184.0	0.00	17.0	0.0	1.4
	6/4/2014	1526.38	6.88	1519.50	0.00	3.88	196.0	0.08	24.0	0.7	35.0
	11/21/2014	1526.38	8.48	1517.90	0.00	7.40	284.0	0.01	80.0	0.0	3.6
	10/6/2015	1526.38	6.58	1519.80	0.00	6.11	32.8	0.62	23.0	0.1	1.5
	3/30/2016	1526.38	13.98	1512.40	0.00	12.31	135.0	0.00	20.0	0.0	0.1
		1526.38									
<b>MW-9s</b>											
	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 38.0'	4/5/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 38.0' - 8.0'	8/22/2010	1524.72	28.03	1496.69	0.00	4.72	-18.0	0.04	33.0	0.0	2.4
	8/29/2011	1524.72	22.11	1502.61	0.00	4.60	198.0	0.60	51.0	0.2	2.0
	11/10/2011	1524.72	21.92	1502.80	0.00	4.66	180.0	NA	NA	NA	NA
	6/12/2012	1524.72	23.11	1501.61	0.00	5.47	167.0	NA	NA	NA	NA
	10/2/2013	1524.72	24.97	1499.75	0.00	3.91	174.0	NA	NA	NA	NA
	2/6/2014	1524.72	23.82	1500.90	0.00	5.72	136.0	0.00	17.0	0.0	1.4
	6/4/2014	1524.72	22.34	1498.37	0.00	5.67	163.0	0.04	31.0	1.5	1.9
	11/21/2014	1524.72	24.97	1499.75	0.00	6.75	200.0	0.03	31.0	0.2	2.4
	10/6/2015	1524.72	23.82	1500.90	0.00	4.62	72.2	0.07	18.0	0.4	0.6
	3/30/2016	1524.72	22.34	1502.38	0.00	3.90	80.0	0.28	37.0	0.2	0.0
		1524.72									
<b>MW-10s</b>											
	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 20.0'	4/5/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 20.0' - 3.0'	8/4/2010	1504.43	11.35	1493.08	0.00	0.33	-101.0	0.10	7.0	10.3	0.8
	8/29/2011	1504.43	6.38	1498.07	0.00	2.42	151.0	0.60	4.0	0.0	1.1
	11/10/2011	1504.43	6.43	1498.00	0.00	2.41	199.0	NA	NA	NA	NA
	6/14/2012	1504.43	7.19	1497.24	0.00	1.07	224.0	NA	NA	NA	NA
	10/2/2013	1504.43	6.74	1498.69	0.00	0.77	202.0	NA	NA	NA	NA
	2/4/2014	1504.43	7.58	1498.85	0.00	4.57	155.0	0.04	11.0	0.2	1.2
	6/4/2014	1504.43	6.38	1498.07	0.00	3.90	208.0	0.50	12.0	1.4	1.7
	11/21/2014	1504.43	6.43	1498.00	0.00	3.89	60.3	NA	NA	NA	NA
	10/6/2015	1504.43	7.19	1497.24	0.00	1.95	34.4	0.15	4.0	3.2	0.9
	3/30/2016	1504.43	9.72	1494.71	0.00	2.07	20.0	0.50	6.0	0.0	11.4
		1504.43									

NM Not Measured  
MTBE Methyl Tert. Butyl Ether  
1,2-EDC 1,2-Dichloroethane  
1,2,4-TMB 1,2,4-Trimethylbenzene  
1,3,5-TMB 1,3,5-Trimethylbenzene  
1,2-EDB 1,2-Dibromoethane  
NS Not Sampled  
ND Not Detected  
NA Not Analyzed

Total Depth, Open Rock Interval and Screened Interval measured from grade for reference only. Refer to the Well Construction Details for specific depths and elevations.

06/09/16

TABLE AA-1  
Groundwater Intrinsic Data Summary  
Groundwater Monitoring Wells  
Levie Brothers

Well Number	Date Sampled	Well Head Elevation (feet)	Depth to Groundwater (feet)	Relative Groundwater Elevation (feet)	Product Thickness (feet)	D.O. (mg/L)	O.R.P. (mV)	Ferrous Iron (mg/L)	Sulfate (mg/L)	Manganese (mg/L)	Nitrate (mg/L)
MW-11s	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 23.0'	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 23.0' - 3.0'	4/5/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/4/2010	1499.42	6.50	1492.92	0.00	0.27	-140.0	1.38	0.0	6.0	9.4
	6/28/2011	1499.42	1.51	1497.91	0.00	0.81	-56.0	1.27	1.0	6.1	6.5
	11/10/2011	1499.42	1.95	1497.47	0.00	0.39	-26.0	NA	NA	NA	NA
	6/14/2012	1499.42	2.35	1497.07	0.00	0.20	-28.0	NA	NA	NA	NA
	10/6/2013	1499.42	3.92	1495.50	0.00	0.41	-53.0	NA	NA	NA	NA
	2/8/2014	1499.42	2.57	1496.85	0.00	0.74	-40.0	1.90	0.0	7.5	2.2
	6/4/2014	1499.42	1.56	1497.87	0.00	0.46	-79.0	1.91	0.0	7.5	7.6
	11/2/2014	1499.42	9.22	1490.20	0.00	0.80	-5.0	1.93	0.0	6.3	0.0
10/6/2015	1499.42	7.58	1491.84	0.00	0.38	-123.3	1.94	0.0	6.9	4.1	
4/1/2016	1499.42	3.51	1495.91	0.00	0.28	-80.0	1.97	0.0	6.5	0.0	
MW-12s	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 20.0'	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 20.0' - 3.0'	4/5/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	9/26/2011	1487.03	0.66	1486.37	0.00	3.51	84.6	0.01	27.0	0.2	0.7
	11/10/2011	1487.03	4.38	1482.65	0.00	4.05	46.1	NA	NA	NA	NA
	6/13/2012	1487.03	3.51	1483.52	0.00	3.38	80.0	NA	NA	NA	NA
	10/6/2013	1487.03	6.67	1480.36	0.00	6.27	88.7	NA	NA	NA	NA
	2/3/2014	1487.03	4.88	1482.15	0.00	8.06	185.0	NA	NA	NA	NA
	12/2/2014	1487.03	4.18	1482.85	0.00	3.16	81.8	NA	NA	NA	NA
	11/2/2014	1487.03	8.57	1478.46	0.00	2.15	48.0	NA	NA	NA	NA
	10/7/2015	1487.03	6.57	1480.46	0.00	7.21	32.0	NA	NA	NA	NA
3/31/2016	1487.03	4.69	1482.34	0.00	5.64	111.1	0.14	7.0	3.1	0.0	
MW-13s	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 17.0'	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 17.0' - 3.0'	4/5/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/22/2010	1472.23	15.85	1456.38	0.00	10.16	123.6	NA	NA	NA	NA
	6/28/2011	1472.23	14.65	1457.58	0.00	7.40	76.8	0.01	21.0	0.0	3.9
	11/6/2011	1472.23	15.25	1456.98	0.00	5.99	71.6	NA	NA	NA	NA
	6/13/2012	1472.23	14.64	1457.59	0.00	8.20	48.5	NA	NA	NA	NA
	10/6/2013	1472.23	15.53	1456.70	0.00	7.61	142.2	NA	NA	NA	NA
	2/3/2014	1472.23	14.98	1457.24	0.00	9.17	207.0	NA	NA	NA	NA
	6/2/2014	1472.23	15.53	1456.70	0.00	7.36	77.1	0.03	21.0	1.0	2.7
	11/2/2014	1472.23	14.69	1457.54	0.00	7.38	82.7	NA	NA	NA	NA
10/6/2015	1472.23	14.69	1457.54	0.00	9.92	707.7	NA	NA	NA	NA	
3/31/2016	1472.23	16.17	1456.06	0.00	7.84	114.8	0.03	11.0	0.2	0.0	
MW-14s	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 20.0'	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 20.0' - 3.0'	4/5/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/23/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	9/26/2011	1493.49	2.39	1491.10	0.00	4.18	204.0	0.16	4.0	0.0	0.0
	11/10/2011	1493.49	6.71	1486.78	0.00	3.39	233.0	NA	NA	NA	NA
	6/14/2012	1493.49	2.56	1490.93	0.00	3.90	297.0	NA	NA	NA	NA
	10/6/2013	1493.49	8.14	1485.35	0.00	2.70	267.0	NA	NA	NA	NA
	2/8/2014	1493.49	7.83	1485.66	0.00	4.80	209.0	NA	NA	NA	NA
	6/2/2014	1493.49	7.19	1486.30	0.00	4.90	229.0	0.20	0.0	0.4	0.7
	11/2/2014	1493.49	8.14	1485.35	0.00	5.08	224.0	NA	NA	NA	NA
10/6/2015	1493.49	7.63	1485.86	0.00	4.11	176.5	0.53	8.0	0.0	1.0	
3/30/2016	1493.49	7.19	1486.30	0.00	7.88	492.0	0.90	9.0	0.0	0.0	
MW-15s	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 20.0'	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 20.0' - 3.0'	4/5/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/23/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	9/26/2011	1457.60	3.49	1454.11	0.00	4.91	89.9	NA	NA	NA	NA
	11/6/2011	1457.60	3.51	1454.09	0.00	5.23	95.4	NA	NA	NA	NA
	6/13/2012	1457.60	4.06	1453.54	0.00	8.63	69.7	NA	NA	NA	NA
	10/6/2013	1457.60	4.25	1453.35	0.00	8.74	124.3	NA	NA	NA	NA
	2/3/2014	1457.60	7.63	1450.97	0.00	NA	NA	NA	NA	NA	NA
	6/22/2014	1457.60	4.06	1453.54	0.00	7.61	172.0	NA	NA	NA	NA
	11/2/2014	1457.60	8.39	1451.21	0.00	5.18	76.5	NA	NA	NA	NA
10/7/2015	1457.60	4.25	1453.35	0.00	8.51	80.0	NA	NA	NA	NA	
3/31/2016	1457.60	7.63	1450.97	0.00	7.61	51.6	NA	NA	NA	NA	

NM Not Measured  
MTBE Methyl Tert Butyl Ether  
1,2-EDC 1,2-Dichloroethane  
1,2,4-TMB 1,2,4-Trimethylbenzene  
1,3,5-TMB 1,3,5-Trimethylbenzene  
1,2-EDB 1,2-Dibromoethane  
NS Not Sampled  
ND Not Detected  
NA Not Analyzed

Total Depth, Open Rock Interval and Screened Interval measured from grade for reference only.  
Refer to the Well Construction Details for specific depths and elevations.

06/06/16

**TABLE AA-1**  
**Groundwater Intrinsic Data Summary**  
**Groundwater Monitoring Wells**  
**Lewis Brothers**

Well Number	Date Sampled	Well Head Elevation (feet)	Depth to Groundwater (feet)*	Relative Groundwater Elevation (feet)	Product Thickness (feet)	D.O. (mg/L)	O.R.P (mV)	Ferrous Iron (mg/L)	Sulfate (mg/L)	Manganese (mg/L)	Nitrate (mg/L)
MW-16s Total Depth: 38.2' Screened Interval: 38.2' - 18.2'	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	4/6/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/9/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	8/3/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	9/26/2011	1482.92	32.80	1450.12	0.00	6.68	57.4	0.03	30.0	0.8	1.1
	11/9/2011	1482.92	32.76	1450.16	0.00	2.45	36.8	NA	NA	NA	NA
	6/13/2012	1482.92	32.45	1450.47	0.00	5.05	32.4	NA	NA	NA	NA
	10/2/2013	1482.92	32.79	1450.13	0.00	6.73	121.2	NA	NA	NA	NA
	2/3/2014	1482.92	NS	NA	0.00	NA	NA	NA	NA	NA	NA
	6/2/2014	1482.92	32.73	1450.19	0.00	5.23	15.6	0.00	30.0	2.0	0.0
	11/21/2014	1482.92	32.85	1450.07	0.00	5.23	79.7	NA	NA	NA	NA
	10/7/2015	1482.92	32.76	1450.16	0.00	8.71	19.4	NA	NA	NA	NA
	3/31/2016	1482.92	32.71	1450.21	0.00	4.06	71.4	0.60	14.0	2.2	0.0
	MW-17s Total Depth: 30.0' Screened Interval: 30.0' - 10.0'	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA
7/10/2008		NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
4/6/2009		NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
3/9/2010		NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
8/3/2010		NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
9/26/2011		1502.17	15.47	1486.70	0.00	3.74	70.7	NA	NA	NA	NA
11/9/2011		1502.17	15.46	1486.71	0.00	1.54	205.0	NA	NA	NA	NA
6/14/2012		1502.17	16.61	1485.56	0.00	2.78	226.0	NA	NA	NA	NA
10/3/2013		1502.17	17.13	1484.98	0.00	2.02	169.0	NA	NA	NA	NA
2/5/2014		1502.17	16.66	1485.51	0.00	2.45	169.0	NA	NA	NA	NA
6/4/2014		1502.17	16.05	1486.12	0.00	6.38	131.1	NA	NA	NA	NA
11/21/2014		1502.17	19.84	1482.33	0.00	4.74	72.0	NA	NA	NA	NA
10/6/2015		1502.17	16.76	1483.41	0.00	5.90	153.1	NA	NA	NA	NA
3/31/2016		1502.17	16.20	1485.97	0.00	6.70	69.2	0.13	43.0	0.4	0.0
MW-1D Total Depth: 70.0' Open Rock Interval: 70.0' - 40.0'		4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	4/6/2009	1512.22	54.61	1457.61	0.00	NA	NA	NA	NA	NA	NA
	4/6/2009	1512.22	42.90	1469.32	0.00	5.53	-95.0	0.60	3.0	0.0	1.2
	3/9/2010	1512.22	43.11	1469.11	0.00	2.99	-94.0	0.00	7.0	0.0	1.2
	8/3/2010	1512.22	43.67	1468.55	0.00	7.93	93.6	0.03	8.0	0.1	0.0
	9/26/2011	1512.22	41.79	1470.43	0.00	9.38	81.2	NA	NA	NA	NA
	11/9/2011	1512.22	41.85	1470.57	0.00	8.49	85.4	NA	NA	NA	NA
	6/14/2012	1512.22	41.29	1470.93	0.00	8.67	10.3	NA	NA	NA	NA
	10/4/2013	1512.22	41.41	1470.81	0.00	12.70	135.6	NA	NA	NA	NA
	2/5/2014	1512.22	40.80	1471.42	0.00	10.13	221.0	NA	NA	NA	NA
	6/4/2014	1512.22	41.41	1470.81	0.00	11.28	100.1	0.04	10.0	0.8	0.1
	11/21/2014	1512.22	40.80	1471.42	0.00	7.34	83.3	NA	NA	NA	NA
	10/6/2015	1512.22	40.65	1471.57	0.00	9.23	67.9	0.02	5.0	0.1	0.6
	4/7/2016	1512.22	43.03	1469.19	0.00	4.30	96.0	0.00	7.0	0.4	0.0
MW-2D Total Depth: 85.0' Open Rock Interval: 85.0' - 45.0'	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	4/6/2009	1512.91	17.53	1495.38	0.00	NA	NA	NA	NA	NA	NA
	4/6/2009	1512.91	14.64	1498.27	0.00	1.22	-264.0	1.96	NA	4.7	0.0
	3/9/2010	1512.91	15.43	1497.48	0.00	0.56	-139.0	3.03	0.0	4.4	0.8
	8/3/2010	1512.91	17.14	1495.77	0.00	9.50	-24.1	NA	NA	NA	NA
	9/26/2011	1512.91	12.46	1500.45	0.00	9.11	26.0	NA	NA	NA	NA
	11/9/2011	1512.91	11.28	1501.63	0.00	8.08	10.3	NA	NA	NA	NA
	6/14/2012	1512.91	12.91	1500.00	0.00	3.56	-62.6	NA	NA	NA	NA
	10/4/2013	1512.91	14.95	1497.96	0.00	4.03	-14.1	NA	NA	NA	NA
	2/5/2014	1512.91	13.89	1499.02	0.00	3.31	-25.0	NA	NA	NA	NA
	6/4/2014	1512.91	14.16	1498.75	0.00	3.29	-11.5	2.09	13.0	4.7	1.3
	11/21/2014	1512.91	14.95	1497.96	0.00	1.45	10.5	NA	NA	NA	NA
	10/6/2015	1512.91	13.89	1499.02	0.00	2.59	45.3	0.86	8.0	4.3	1.7
	4/7/2016	1512.91	14.16	1498.75	0.00	5.82	122.0	0.04	10.0	3.6	0.0

**NM** Not Measured  
**MTBE** Methyl Tert Butyl Ether  
**1,2-EDC** 1,2-Dichloroethane  
**1,2,4-TMB** 1,2,4-Trimethylbenzene  
**1,3,5-TMB** 1,3,5-Trimethylbenzene  
**1,2-EDB** 1,2-Dibromoethane  
**NS** Not Sampled  
**ND** Not Detected  
**NA** Not Analyzed  
  
 Total Depth, Open Rock Interval and Screened Interval measured from grade for reference only.  
 Refer to the Well Construction Details for specific depths and elevations.

TABLE AA-1  
Groundwater Nitrate Data Summary  
Groundwater Monitoring Walls  
Lewis Brothers

Well Number	Date Sampled	Well Head Elevation (feet)	Depth to Groundwater (feet)	Relative Groundwater Elevation (feet)	Product Thickness (feet)	D.O. (mg/L)	O.R.P. (mV)	Ferrous Ion (mg/L)	Sulfate (mg/L)	Manganese (mg/L)	Nitrate (mg/L)
<b>MW6D</b>											
	4/6/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	1515.23	63.17	1452.06	0.00	NA	0.6	NA	NA	NA	NA
Total Depth: 85.0'	4/6/2009	1515.23	64.87	1450.36	0.00	2.88	-69.0	0.07	7.0	0.0	0.0
	3/6/2010	1515.23	65.77	1449.46	0.00	1.28	-60.0	0.00	13.0	0.0	0.0
Open Rock Interval: 85.0' - 45.5'	8/20/2010	1515.23	66.93	1448.30	0.00	4.27	-23.3	0.03	6.0	0.1	0.0
	8/28/2011	1515.23	65.38	1450.85	0.00	5.13	64.9	NA	NA	NA	NA
	11/10/2011	1515.23	54.37	1460.86	0.00	4.85	91.0	NA	NA	NA	NA
	6/14/2012	1515.23	66.70	1448.53	0.00	2.26	1.4	NA	NA	NA	NA
	10/4/2013	1515.23	59.09	1456.14	0.00	5.49	109.4	NA	NA	NA	NA
	2/6/2014	1515.23	67.02	1448.21	0.00	4.24	229.0	NA	NA	NA	NA
	6/8/2014	1515.23	61.17	1454.06	0.00	2.29	148.4	NA	NA	NA	NA
	11/21/2014	1515.23	63.62	1451.61	0.00	2.29	77.9	NA	NA	NA	NA
	10/7/2015	1515.23	62.97	1452.26	0.00	2.07	-100.9	0.05	7.0	0.7	0.8
	4/0/2016	1515.23	63.80	1451.43	0.00	4.09	94.0	0.05	7.0	0.4	0.0
		1515.23									
<b>MW7D</b>											
	4/6/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 60.0'	4/6/2009	1513.83	26.84	1486.99	0.00	4.76	-27.0	1.80	80.0	1.4	0.0
	3/6/2010	1513.83	27.35	1486.48	0.00	0.46	-144.0	0.84	29.0	1.1	0.0
Open Rock Interval: 60.0' - 45.0'	8/0/2010	1513.83	30.28	1483.55	0.00	0.60	-144.0	NA	NA	NA	NA
	8/28/2011	1513.83	27.75	1486.08	0.00	NA	NA	NA	NA	NA	NA
	11/11/2011	1513.83	28.78	1485.05	0.00	7.28	27.3	NA	NA	NA	NA
	6/4/2012	1513.83	25.80	1488.03	0.00	2.64	-22.1	NA	NA	NA	NA
	10/4/2013	1513.83	17.69	1496.14	0.00	8.25	98.4	NA	NA	NA	NA
	2/6/2014	1513.83	20.70	1493.13	0.00	1.80	150.0	NA	NA	NA	NA
	6/4/2014	1513.83	19.37	1494.46	0.00	3.59	120.0	NA	NA	NA	NA
	11/21/2014	1513.83	20.88	1492.95	0.00	1.64	-22.3	NA	NA	NA	NA
	10/6/2015	1513.83	19.08	1494.75	0.00	2.53	-57.7	0.16	9.0	4.5	0.0
	3/01/2016	1513.83	14.94	1498.89	0.00	3.05	-14.6	0.81	15.0	4.4	0.0
		1513.83									
<b>MW8D</b>											
	4/6/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 100.0'	4/6/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/6/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 100.0' - 90.0'	8/0/2010	1526.71	72.97	1453.74	0.00	1.87	-24.0	0.05	66.0	0.0	0.1
	8/28/2011	1526.71	67.20	1459.51	0.00	2.49	-123.0	0.05	17.0	0.4	0.0
	11/6/2011	1526.71	66.12	1460.59	0.00	0.52	128.0	NA	NA	NA	NA
	6/13/2012	1526.71	69.37	1457.34	0.00	1.65	207.0	NA	NA	NA	NA
	10/4/2013	1526.71	72.43	1454.28	0.00	0.55	145.0	NA	NA	NA	NA
	2/4/2014	1526.71	68.41	1457.30	0.00	0.52	29.0	0.00	6.0	2.8	1.7
	8/0/2014	1526.71	69.37	1457.34	0.00	0.71	-47.0	0.05	22.0	0.8	-2.2
	11/24/2014	1526.71	74.01	1451.70	0.00	0.92	219.0	NA	NA	NA	NA
	10/6/2015	1526.71	74.55	1451.16	0.00	0.83	46.4	0.10	10.0	0.5	0.0
	3/01/2016	1526.71	69.10	1456.61	0.00	0.49	112.0	0.02	13.0	0.4	1.1
		1526.71									
<b>MW9D</b>											
	4/6/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 172.0'	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	4/6/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 172.0' - 152.0'	8/0/2010	1526.30	73.06	1453.24	0.00	0.45	-24.0	0.02	15.0	0.1	1.0
	8/28/2011	1526.30	67.44	1457.86	0.00	2.12	113.0	0.00	9.0	0.0	0.0
	11/6/2011	1526.30	66.44	1458.86	0.00	0.75	199.0	NA	NA	NA	NA
	6/13/2012	1526.30	67.22	1458.08	0.00	0.40	93.0	NA	NA	NA	NA
	10/4/2013	1526.30	72.38	1452.92	0.00	0.44	179.0	NA	NA	NA	NA
	2/4/2014	1526.30	69.60	1455.70	0.00	1.40	160.0	0.24	5.0	0.0	0.5
	6/0/2014	1526.30	69.39	1455.91	0.00	0.62	-89.0	0.08	17.0	1.6	0.0
	11/24/2014	1526.30	74.50	1451.80	0.00	0.88	80.0	0.00	22.0	0.8	1.8
	10/6/2015	1526.30	74.36	1451.95	0.00	0.67	36.7	0.07	11.0	0.3	2.6
	3/01/2016	1526.30	69.37	1456.93	0.00	0.69	29.0	0.03	14.0	0.2	0.6
		1526.30									
<b>MW10D</b>											
	4/6/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Total Depth: 188.0'	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	4/6/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Screened Interval: 188.0' - 169.0'	3/6/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	8/0/2010	1503.97	74.96	1429.01	0.00	0.40	-37.0	0.04	18.0	0.0	1.3
	8/28/2011	1503.97	68.89	1435.08	0.00	0.47	54.0	0.03	18.0	0.2	0.2
	11/6/2011	1503.97	69.61	1434.36	0.00	0.54	137.0	NA	NA	NA	NA
	6/13/2012	1503.97	68.75	1435.22	0.00	0.63	95.0	NA	NA	NA	NA
	10/4/2013	1503.97	66.22	1437.75	0.00	1.00	145.0	NA	NA	NA	NA
	2/4/2014	1503.97	66.65	1437.32	0.00	0.65	51.0	0.03	10.0	0.1	0.8
	6/0/2014	1503.97	66.43	1437.54	0.00	0.72	-8.0	0.04	20.0	0.7	2.5
	11/24/2014	1503.97	70.64	1432.33	0.00	1.63	-47.0	0.00	15.0	0.1	0.0
	10/6/2015	1503.97	70.38	1432.59	0.00	0.66	-11.5	0.00	11.0	0.2	0.8
	4/0/2016	1503.97	66.54	1437.43	0.00	0.51	-20.0	0.13	66.0	0.0	0.2
		1503.97									

NH Not Measured  
 MTBE Methyl Tert. Butyl Ether  
 1,2-EDC 1,2-Dichloroethane  
 1,2,4-TMB 1,2,4-Trimethylbenzene  
 1,3,5-TMB 1,3,5-Trimethylbenzene  
 1,2-EDB 1,2-Dibromoethane  
 NS Not Sampled  
 ND Not Detected  
 NA Not Analyzed

Total Depth, Open Rock Interval and Screened Interval measured from grade for reference only.  
 Refer to the Well Construction Details for specific depths and elevations.

TABLE AA-1  
Groundwater Intrinsic Data Summary  
Groundwater Monitoring Wells  
Lewis Brothers

Well Number	Date Sampled	Well Head Elevation (feet)	Depth to Groundwater (feet)*	Relative Groundwater Elevation (feet)	Product Thickness (feet)	D.O. (mg/L)	O.R.P. (mV)	Ferrous Iron (mg/L)	Sulfate (mg/L)	Manganese (mg/L)	Nitrate (mg/L)
<b>MW-11D</b>	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	4/6/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/6/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	8/2/2010	1499.16	78.31	1420.87	0.00	0.64	-67.0	0.03	11.0	0.0	0.6
	9/27/2011	1499.16	67.95	1431.23	0.00	0.65	37.0	0.00	5.0	0.3	1.6
	11/9/2011	1499.16	69.23	1429.95	0.00	0.54	137.0	NA	NA	NA	NA
	6/13/2012	1499.16	70.68	1428.50	0.00	0.94	134.0	NA	NA	NA	NA
	10/4/2013	1499.16	73.42	1425.76	0.00	0.59	7.0	NA	NA	NA	NA
	2/4/2014	1499.16	72.00	1427.18	0.00	2.15	87.0	0.16	6.0	0.0	3.8
	6/3/2014	1499.16	72.59	1426.59	0.00	0.99	-13.0	0.03	14.0	1.0	1.3
	11/24/2014	1499.16	76.94	1422.24	0.00	0.77	64.0	0.00	6.0	0.0	0.0
	10/6/2015	1499.16	76.26	1422.90	0.00	0.82	-8.0	0.00	7.0	0.2	3.7
	4/1/2016	1499.16	73.03	1426.15	0.00	1.46	32.0	0.00	6.0	0.0	1.0
<b>MW-12D</b>	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	4/6/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/6/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	8/2/2010	1487.48	66.57	1420.91	0.00	0.45	-75.0	0.02	51.0	0.3	3.2
	9/27/2011	1487.48	59.53	1427.95	0.00	0.49	2.0	0.00	13.0	0.1	0.0
	11/9/2011	1487.48	61.07	1426.41	0.00	0.55	122.0	NA	NA	NA	NA
	6/13/2012	1487.48	62.69	1424.79	0.00	0.43	40.0	NA	NA	NA	NA
	8/9/2012	1487.48	64.39	1423.09	0.00	0.70	61.0	NA	NA	NA	NA
	10/4/2013	1487.48	65.33	1422.15	0.00	0.76	202.0	NA	NA	NA	NA
	2/4/2014	1487.48	63.96	1423.52	0.00	0.69	65.0	0.00	16.0	0.0	1.8
	6/3/2014	1487.48	64.38	1423.10	0.00	0.47	-48.0	0.15	19.0	0.7	0.5
	11/24/2014	1487.48	68.31	1419.17	0.00	0.88	100.0	0.00	17.0	0.0	0.0
	10/6/2015	1487.48	68.01	1419.47	0.00	0.67	-10.1	0.00	12.0	0.3	0.1
3/31/2016	1487.48	65.09	1422.39	0.00	0.62	51.0	0.02	5.0	0.0	3.3	
<b>MW-13D</b>	4/5/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	7/10/2008	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	4/6/2009	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	3/6/2010	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
	8/2/2010	1471.85	51.02	1420.83	0.00	0.40	-88.0	0.06	10.0	0.1	0.5
	9/27/2011	1471.85	43.94	1427.91	0.00	0.45	11.0	0.02	8.0	0.0	0.1
	11/9/2011	1471.85	45.49	1426.36	0.00	0.49	90.0	NA	NA	NA	NA
	6/13/2012	1471.85	47.11	1424.74	0.00	0.31	-8.0	NA	NA	NA	NA
	10/4/2013	1471.85	49.72	1422.13	0.00	0.54	54.0	NA	NA	NA	NA
	2/4/2014	1471.85	48.44	1423.41	0.00	0.68	40.0	0.00	5.0	0.0	0.9
	6/3/2014	1471.85	48.76	1422.13	0.00	0.69	-29.0	0.02	12.0	0.4	2.0
	11/24/2014	1471.85	48.44	1423.41	0.00	1.03	142.0	0.00	8.0	0.0	0.0
	10/6/2015	1471.85	48.76	1423.09	0.00	0.81	-17.5	0.00	6.0	0.0	1.1
	3/31/2016	1471.85	52.69	1419.16	0.00	0.82	-9.0	0.00	6.0	0.3	1.5

**NM** Not Measured  
**MTBE** Methyl Tert Butyl Ether  
**1,2-EDC** 1,2-Dichloroethane  
**1,2,4-TMB** 1,2,4-Trimethylbenzene  
**1,3,5-TMB** 1,3,5-Trimethylbenzene  
**1,2-EDB** 1,2-Dibromoethane  
**NS** Not Sampled  
**ND** Not Detected  
**NA** Not Analyzed

Total Depth, Open Rock Interval and Screened Interval measured from grade for reference only.  
 Refer to the Well Construction Details for specific depths and elevations.

06/06/16

TABLE AA-1  
Groundwater Intrinsic Data Summary  
Groundwater Monitoring Wells  
Lewes Brothers

Well Number	Date Sampled	Well Head Elevation (feet)	Depth to Groundwater (feet)	Relative Groundwater Elevation (feet)	Product Thickness (feet)	D.O. (mg/L)	O.R.P. (mV)	Ferrous Iron (mg/L)	Sulfate (mg/L)	Manganese (mg/L)	Nitrate (mg/L)
OW-1 Total Depth: 11.58' Screened Interval: 11.58' - 1.0'	6/6/2007	151348	4.22	1509.26	0.00	NA	NA	NA	NA	NA	NA
	2/21/2008	151348	NM	NM	0.00	NA	NA	NA	NA	NA	NA
	7/10/2008	151348	3.85	1509.63	0.00	NA	NA	NA	NA	NA	NA
	4/6/2009	151348	4.39	1509.09	0.00	5.42	-111.0	NA	NA	NA	NA
	3/8/2010	151348	4.91	1508.57	0.00	5.87	103.6	NA	NA	NA	NA
	8/22/2010	151348	6.31	1507.17	0.00	NA	NA	NA	NA	NA	NA
	9/26/2011	151348	2.20	1511.28	0.00	NA	NA	NA	NA	NA	NA
	11/9/2011	151348	3.13	1510.35	0.00	NA	NA	NA	NA	NA	NA
	6/12/2012	151348	2.86	1510.52	0.00	NA	NA	NA	NA	NA	NA
	10/2/2013	151348	4.43	1509.05	0.00	NA	NA	NA	NA	NA	NA
	2/3/2014	151348	4.17	1509.31	0.00	NA	NA	NA	NA	NA	NA
	6/2/2014	151348	3.02	1510.46	0.00	NA	NA	NA	NA	NA	NA
	11/20/2014	151348	8.24	1505.24	0.00	NA	NA	NA	NA	NA	NA
	10/6/2015	151348	5.17	1508.31	0.00	NA	NA	NA	NA	NA	NA
3/30/2016	151348	5.17	1508.31	0.00	NA	NA	NA	NA	NA	NA	
OW-2 Total Depth: 10.98' Screened Interval: 10.98' - 1.0'	6/6/2007	151277	3.73	1509.04	0.00	NA	NA	NA	NA	NA	NA
2/21/2008	151277	NM	NM	0.00	NA	NA	NA	NA	NA	NA	NA
7/10/2008	151277	3.15	1509.62	0.00	NA	NA	NA	NA	NA	NA	
4/6/2009	151277	3.65	1509.12	0.00	4.88	-117.0	NA	NA	NA	NA	
3/8/2010	151277	4.25	1508.52	0.00	NA	NA	NA	NA	NA	NA	
8/22/2010	151277	5.59	1507.18	0.00	NA	NA	NA	NA	NA	NA	
9/26/2011	151277	1.50	1511.27	0.00	NA	NA	NA	NA	NA	NA	
11/9/2011	151277	2.40	1510.37	0.00	NA	NA	NA	NA	NA	NA	
6/12/2012	151277	2.14	1510.63	0.00	NA	NA	NA	NA	NA	NA	
10/2/2013	151277	3.75	1509.02	0.00	NA	NA	NA	NA	NA	NA	
2/3/2014	151277	4.88	1507.89	0.00	NA	NA	NA	NA	NA	NA	
6/2/2014	151277	2.37	1510.4	0.00	NA	NA	NA	NA	NA	NA	
11/20/2014	151277	7.59	1505.18	0.00	NA	NA	NA	NA	NA	NA	
10/6/2015	151277	4.44	1508.33	0.00	NA	NA	NA	NA	NA	NA	
3/30/2016	151277	4.44	1508.33	0.00	NA	NA	NA	NA	NA	NA	
OW-3 Total Depth: 10.92' Screened Interval: 10.92' - 1.0'	6/6/2007	151249	3.58	1508.91	0.00	NA	NA	NA	NA	NA	NA
2/21/2008	151249	NM	NM	0.00	NA	NA	NA	NA	NA	NA	NA
7/10/2008	151249	2.96	1509.53	0.00	NA	NA	NA	NA	NA	NA	
4/6/2009	151249	3.48	1509.01	0.00	7.55	-81.0	NA	NA	NA	NA	
3/8/2010	151249	4.06	1508.43	0.00	NA	NA	NA	NA	NA	NA	
8/22/2010	151249	3.44	1509.05	0.00	NA	NA	NA	NA	NA	NA	
9/26/2011	151249	1.29	1511.2	0.00	NA	NA	NA	NA	NA	NA	
11/9/2011	151249	2.22	1510.27	0.00	NA	NA	NA	NA	NA	NA	
6/12/2012	151249	1.98	1510.51	0.00	6.15	189.0	NA	NA	NA	NA	
10/2/2013	151249	3.57	1508.92	0.00	NA	NA	NA	NA	NA	NA	
2/3/2014	151249	4.02	1508.47	0.00	NA	NA	NA	NA	NA	NA	
6/2/2014	151249	2.15	1510.34	0.00	NA	NA	NA	NA	NA	NA	
11/20/2014	151249	7.39	1505.1	0.00	NA	NA	NA	NA	NA	NA	
10/6/2015	151249	4.25	1508.24	0.00	NA	NA	NA	NA	NA	NA	
3/30/2016	151249	7.39	1505.10	0.00	NA	NA	NA	NA	NA	NA	
OW-4 Total Depth: 9.95' Screened Interval: 9.95' - 1.0'	6/6/2007	151193	2.81	1509.12	0.00	NA	NA	NA	NA	NA	NA
2/21/2008	151193	NM	NM	0.00	NA	NA	NA	NA	NA	NA	NA
7/10/2008	151193	2.29	1509.64	0.00	NA	NA	NA	NA	NA	NA	
4/6/2009	151193	2.82	1509.11	0.00	7.11	-73.0	NA	NA	NA	NA	
3/8/2010	151193	3.39	1508.54	0.00	2.48	100.4	NA	NA	NA	NA	
8/22/2010	151193	4.79	1507.14	0.00	NA	NA	NA	NA	NA	NA	
9/26/2011	151193	0.88	1511.25	0.00	1.08	42.0	NA	NA	NA	NA	
11/9/2011	151193	1.59	1510.34	0.00	1.83	-59.6	NA	NA	NA	NA	
6/12/2012	151093	2.11	1508.82	0.00	NA	NA	NA	NA	NA	NA	
10/2/2013	151093	2.87	1508.06	0.00	1.99	114.4	NA	NA	NA	NA	
2/3/2014	151093	3.33	1507.60	0.00	4.88	263.0	NA	NA	NA	NA	
6/2/2014	151093	1.48	1509.45	0.00	3.16	30.6	NA	NA	NA	NA	
11/21/2014	151093	6.72	1504.21	0.00	3.93	70.0	NA	NA	NA	NA	
10/7/2015	151093	3.58	1507.35	0.00	2.07	35.5	NA	NA	NA	NA	
4/1/2016	151093	3.33	1507.60	0.00	2.29	52.0	NA	NA	NA	NA	

**NM** Not Measured  
**MTBE** Methyl Tert Butyl Ether  
**1,2-EDC** 1,2-Dichloroethane  
**1,2,4-TMB** 1,2,4-Trimethylbenzene  
**1,3,5-TMB** 1,3,5-Trimethylbenzene  
**1,2-EDB** 1,2-Dibromoethane  
**NS** Not Sampled  
**ND** Not Detected  
**NA** Not Analyzed

Total Depth, Open Rock Interval and Screened Interval measured from grade for reference only.

APPENDIX BB

Drinking Water Analytical Data Sheets and Summary Tables















TABLE B0-1  
Lewis Brothers Garage Property  
Site Characterization Activities  
Private Well Sampling & POT 1 System Monitoring Analytical Data (ug/L)

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Toluene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	1,1,1-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)		
					5	788	888	5,888	188	18,888	28	408	15	Absence	588
21	Jarow, Amy 899 Julius Boulevard Scott Township, PA 19447 (570) 585-5740 (Home) (570) 490-5044 (cell)	Potable	01Q369	Raw	1.8	<0.5	<0.5	<0.5	<0.5	<1.5	11.3	<0.5	<0.5	NA	NA
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	5.4	<0.5	<0.5	NA	NA
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			06Q439	Raw	6.11 E	<0.5	<0.5	<0.5	<0.5	<1.5	1.7	<0.5	<0.5	NA	NA
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			07R838	Raw	6.27 E	<0.5	<0.5	<0.5	<0.5	<1.5	12.8	<0.5	<0.5	NA	NA
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
		08Q439	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	8.2	<0.5	<0.5	NA	NA	
			Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA	
			Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1	
		02Q439	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	5.3	<1.0	<1.0	NS	NS	
		Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	3.4	<1.0	<1.0	NS	NS		
		Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS		
	05Q369	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	15.3	<1.0	<1.0	NS	NS		
		Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS		
		Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS		
	05R439	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	14.2	<1.0	<1.0	NS	NS		
		Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS		
		Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS		
	05R670	Raw	3.8	3.4	<1.0	<1.0	<2.0	<3.0	23.9	<1.0	<1.0	NS	NS		
		Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	8.8	<1.0	<1.0	NS	NS		
		Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS		
	06Q390	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	28.3	<1.0	<1.0	NS	NS		
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
01R701	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	26.3	<1.0	<1.0	NS	NS			
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	2.9	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
05Q671	Raw	3.8	<1.0	<1.0	<1.0	<2.0	<3.0	3.3	28.1	<1.0	<1.0	NS	NS		
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
21	New Jarow Well NewWell Online: 10AR1 (191211 sample directly from well)		8120011*	Raw	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS	
				Middle	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NS	NS
				Treated	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NS	NS
			11R101	Raw	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
				Middle	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NS	NS
				Treated	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NS	NS
			05Q672	NewWell	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			06Q503	NewWell	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			04Q414	NewWell	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			01R505	NewWell	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			05R315	NewWell	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			08R1R5	NewWell	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			11R015	NewWell	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			02Q506	NewWell	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			06Q506	NewWell	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
22	Jones, Kevin 106 Isaac St Street Olyphant, PA 19447 (570) 587-5872	Potable	05Q390	Initial	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS	
			03R838	Confirmatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
23	Judge, Pat Box 121 - Goode Road Olyphant, PA 19447 (570) 586-0108	Potable	06Q439	Initial	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS	

**TABLE BB-1**  
**Lewis Brothers Garage Property**  
**Site Characterization Activities**  
**Private Well Sampling & POT System Monitoring Analytical Data (ug/L)**

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Chloroform (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100mL)	HPC (cfu/100mL)				
					5	789	888	5,889	189	18,889	29	429	15	Absence	589				
24	Kalinowski, Kenneth 864 Julius Boulevard Scott Township, PA 19447 (570) 587-5867	Potable	5/2/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS				
			1/10/2008	Contaminatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<b>18.3 / 1</b>	<0.5	<0.5	NS	NS				
			06/04/09	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<b>0.7 / 1</b>	<0.5	<0.5	NA	NA			
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA			
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1			
			09/04/09	Raw	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	NA	NA			
				Middle	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	NA	NA			
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	1			
			02/24/09	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
			06/03/10	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
			08/03/11	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
			1/10/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
			01/18/15	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
			02/26/16	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
			26	Kazub, Robert 11 Dotts Road Scott Township, PA 19447 (570) 587-4491	Potable	3/18/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<b>6.3 / 1</b>	<0.5	<0.5	NS	NS	
						05/06/09	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<b>0.5 / 1</b>	<0.5	<0.5	NA	NA	
							Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA	
							Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1	
						06/04/09	Raw	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	NA	NA
							Middle	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	NA	NA
Treated	<0.5	<0.5					<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1			
02/24/09	Raw	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50				<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
06/23/10	Raw	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50				<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
08/03/11	Raw	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50				<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
09/03/11	Raw	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50				<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
01/18/15	Raw	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50				<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
02/26/16	Raw	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0				<1.0	<1.0	<1.0	<2.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50				<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			





**TABLE B0-1**  
**Lewis Brothers Garage Property**  
**Site Characterization Activities**  
**Private Well Sampling & POT 1 System Monitoring Analytical Data (ug/L)**

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Cumene (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	MDE (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)	
					5	788	888	5,888	188	18,888	28	488	15	Absence	588	
29	Kowalek, Karm 904 Julius Boulevard Scott Township, PA 18447 (570) 586-8198	Potable	1/29/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	8.25	<0.5	<0.5	NS	NS	
			05/26/08	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	8.25	<0.5	<0.5	NS	NS	
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS	
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1	
			08/04/08	Raw	<1.0	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	NS	NS	
				Middle	<1.0	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	NS	NS	
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Presence	7	
			07/13/2008	Treated	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Absence	8
			02/24/09	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS	
			08/03/10	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS	
			08/03/11	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS	
			11/09/11	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS	
			08/03/13	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS	
			01/4/14	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS	
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS				
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS				
02/09/16	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS				
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS				
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS				

TABLE B0-1  
Lewis Brothers Garage Property  
Site Characterization Activities  
Private Well Sampling & POT System Monitoring Analytical Data (ug/L)

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Cumene (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	MDE (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)
30	Kowalski, Walter 9 Hilltop Drive (Formerly RD #2, Box 69) Scott Township, PA 15447 (570) 587-1343	Potable	5/2/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	2.38	<0.5	<0.5	NS	NS
			1/25/2008	Contingency	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	1.1	<0.5	<0.5	NS	NS
			8/4/2008	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	1.4	<0.5	<0.5	NA	NA
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			8/4/2008	Raw	<1.0	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	NA	NA
				Middle	<1.0	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	NA	NA
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			2/4/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.3	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			5/28/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.7	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/14/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.9	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/15/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			1/29/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			1/29/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/2/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.4	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			6/12/2012	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.3	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			4/17/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.6	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/20/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.5	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			1/22/2014	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.9	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			6/2/2014	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.8	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			1/14/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	1.3	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS
			5/13/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS			
8/11/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS			
11/6/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS			
2/9/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS			
6/29/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS			

**TABLE B0-1**  
**Lewis Brothers Garage Property**  
**Site Characterization Activities**  
**Private Well Sampling & POT System Monitoring Analytical Data (ug/L)**

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Cumene (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	MDE (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)	
					5	789	848	5,888	188	18,488	29	429	15	Absence	588	
31	Kropinewick, Robert 14 Hermal Street Scott Township, PA 18447 (570) 507-2080	Potable	3/18/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS	
			5/7/2008	Combinatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	18,261	<0.5	<0.5	NS	NS	
			1/28/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	NS	NS
			2/24/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			6/29/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			8/27/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			9/30/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			9/30/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			1/14/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			2/6/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
Middle	<1.0	<1.0		<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS			
Treated	<0.50	<0.50		<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS			
32	Kula, Jan (M.) Rt #2 Box 53A Olyphant, PA 18447 (570) 383-3331	Potable	3/2/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	NS	NS		
			1/29/2008	Combinatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	NS	NS		
33	Kuczmak, Jr., Michael 89 Hermal Street Scott Township, PA 18447 (570) 507-3023 (Home) (570) 878-8689 (Cell)	Potable	6/19/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS	
			1/29/2008	Combinatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	18,261	<0.5	<0.5	NS	NS	
			5/6/2009	Raw	<0.5	<0.5	<0.5	5,291	<0.5	<1.5	8,111	<0.5	<0.5	NA	NA	
				Middle	8,111	<0.5	<0.5	5,411	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA	
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1	
			8/4/2009	Raw	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	NA	NA	
				Middle	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	NA	NA	
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1	
			2/24/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			6/29/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			8/27/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			9/30/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			1/14/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			2/6/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
Middle	<1.0	<1.0		<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS			
Treated	<0.50	<0.50		<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS			





**TABLE BB-1**  
**Lewis Brothers Garage Property**  
**Site Characterization Activities**  
**Private Well Sampling & POT System Monitoring Analytical Data (ug/L)**

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Cumene (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	MDE (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)
					5	788	888	5,888	188	18,888	28	428	15	Absence	588
37	<b>Pergrim Barn Well</b> RR #2, Box 56 Orphans, PA. 18447	Potable	4/18/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
38	<b>Stephens, Jeffrey</b> 858 Juthus Boulevard Scott Township, PA. 15447 (570) 947-2704 <b>Farmer Owner</b> <b>Lipina, Martha</b> RR #2, Box 05 Orphans, PA. 18447 (570) 587-3384	Potable	5/6/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			10/6/2008	Confirmatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	0.52 E	<0.5	<0.5	NS	NS
			5/8/2008	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	0.52 E	<0.5	<0.5	NA	NA
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			8/4/2008	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	2
			10/4/2008	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/29/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/22/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/30/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			1/14/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			2/6/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
39	<b>Makala, Andy</b> 844 Juthus Boulevard Scott Township, PA. 15447 (570) 946-1780 (Home) (570) 840-9718 (Cell)	Potable	5/6/2008	Initial	<0.5	<0.5	<0.5	0.2	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			12/8/2008	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			10/4/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/28/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/22/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/30/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			1/14/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			2/6/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
40	<b>Makala, Brenda</b> RR #1, Box 837 Orphans, PA. 18447 (570) 264-5450	Potable	5/22/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			10/1/2008	Confirmatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS

**TABLE BB-1**  
**Lewis Brothers Garage Property**  
**Site Characterization Activities**  
**Private Well Sampling & POT System Monitoring Analytical Data (ug/L)**

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Cumene (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	MDE (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)
					5	788	888	5,888	188	18,888	28	428	15	NS	588
41	<b>Malaraz, Ramiro</b> RD #1 Box 842 Olyphant, PA 18447 (570) 254-6446 (Well shared with Ramer)	Potable	7/28/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
42	<b>Malone, Richard</b> 204 Hilltop Drive Olyphant, PA 18447 (570) 450-9996 (Cell)	Potable	8/13/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			10/1/2008	Confirmatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
43	<b>Malkosky, Thomas W.</b> 119 Cors Street Olyphant, PA 18447 (570) 586-3955 (Home) (570) 281-8221 X7 (Work)	Potable	7/28/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
44	<b>Makar, Michael</b> RR #2 Box 71 Olyphant, PA 18447 (570) 587-4213	Potable	3/8/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
45	<b>Moran, Albert</b> 200 Hilltop Drive Olyphant, PA 18447 (570) 587-5055 (Home) (570) 586-0114 (Garage) (Well shared with Meoni Garage)	Potable	7/28/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
46	<b>Moosiva, Albert</b> RR #2 Box 52 Olyphant, PA 18447 (570) 585-1863 (Home) (570) 344-3910 (Work)	Potable	5/2/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			1/28/2008	Confirmatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			8/19/2008	Confirmatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
47	<b>Morrell, Marilyn</b> RR #2 Box 117A Olyphant, PA 18447 (570) 587-2928	Potable	4/15/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
48	<b>Walo, Dan</b> 22 Hilltop Drive Scott Township, PA 18447 (570) 587-3513	Potable	5/2/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			1/28/2008	Confirmatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	0.5-1.0	<0.5	<0.5	NS	NS
			5/7/2008	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	0.5-1.0	<0.5	<0.5	NS	NS
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			8/4/2008	Raw	<1.0	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	1
			10/4/2008	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/29/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/9/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			9/30/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			1/14/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS
			2/6/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	NS	NS





TABLE BB-1  
Lewis Brothers Garage Property  
Site Characterization Activities  
Private Well Sampling & POT 1 System Monitoring Analytical Data (µg/L)

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (µg/L)	Ethylbenzene (µg/L)	Chlorobenzene (µg/L)	Toluene (µg/L)	o-Xylenes (µg/L)	m-Xylenes (µg/L)	p-Xylenes (µg/L)	1,3,5-TMB (µg/L)	1,2,4-TMB (µg/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)
					5	789	88	5,889	189	18,489	29	429	15	Absence	589
51	Fradin, Jeff 21 Syvan Acres Lane Scott Township, PA 19447 (570) 254-8184	Potable	5/15/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			1/09/2008	Combinatory	<0.5	<0.5	<0.5	0.271	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			5/6/2008	Raw	<0.5	<0.5	<0.5	0.74	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
				Mobile	<0.5	<0.5	<0.5	3.3	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			8/13/2008	Raw	<1.0	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			2/24/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			5/28/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/2/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			9/2/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			1/14/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			2/9/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
52	Rabel, Pauline 11 Hilltop Drive Scott Township, PA 19447 (570) 586-7449	Potable	5/2/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			1/09/2008	Combinatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	0.53	<0.5	<0.5	NS	NS
			5/7/2008	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	0.26	<0.5	<0.5	NS	NS
				Mobile	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			8/13/2008	Raw	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			2/24/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			5/29/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/2/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			9/2/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			1/17/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			2/9/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Mobile	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS

**TABLE BB-1**  
**Lewis Brothers Garage Property**  
**Site Characterization Activities**  
**Private Well Sampling & POT System Monitoring Analytical Data (ug/L)**

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Cumene (ug/L)	Toluene (ug/L)	Raphthalene (ug/L)	Xylenes (ug/L)	MDE (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)
					5	788	888	5,888	188	18,888	28	428	15	Absence	588
53	<b>Reynolds, Brooke</b> RR #2 Box 122 Downer Road Olyphant, PA 18447 (570) 987-5294 (Home) (570) 940-2084 (Cell)	Potable	5/8/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
54	<b>Rizzo, Robert</b> 115 Dotts Street Olyphant, PA 18447 (215) 255-4936	Potable	5/8/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
55	<b>Roman, Audrey</b> 114 Dotts Street Olyphant, PA 18447 (570) 586-1102 (Home) (570) 587-6644 (Work)	Potable	5/8/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
56	<b>Rumpf, Bob</b> 842 Audus Boulevard Scott Township, PA 18447 (570) 614-4305 (Cell)	Potable	5/8/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	0.90	<0.5	<0.5	NS	NS
			12/8/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
			2/24/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/28/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/2/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			8/20/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			5/13/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			2/6/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
57	<b>Sherwin, John</b> 221 Dury Road Olyphant, PA 18447 (570) 586-2003	Potable	7/28/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
58	<b>Sherwin, Michael</b> 115 Ham at Street Olyphant, PA 18447 (570) 987-3626	Potable	5/8/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS





**TABLE B0-1**  
**Lewis Brothers Garage Property**  
**Site Characterization Activities**  
**Private Well Sampling & POT System Monitoring Analytical Data (ug/L)**

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Cumene (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	MDE (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)
					5	788	888	5,888	188	18,888	28	428	15	Absence	588
64	Telesz, Andrew 10 Dells Road Scott Township, PA 18447 (570) 587-2824	Potable	018/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	8.5	<0.5	<0.5	NS	NS
			04/2008	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	18.20 E	<0.5	<0.5	NS	NS
				Middle	<0.5	<0.5	<0.5	8.20 E	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			04/2008	Raw	<1.0	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<1.0	<15.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			104/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			029/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			116/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			152/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			01/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			06/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	NS	NS
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS			
65	The Tailormy Studio Route 367 Orphans, PA 18447 (570) 586-3227	Potable	020/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	NS	NS	
66	Thomas, Elmer RR #2 Box 105 Orphans, PA 18447 (570) 587-1775	Potable	017/2009	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	NS	NS	

**TABLE B0-1**  
**Lewis Brothers Garage Property**  
**Site Characterization Activities**  
**Private Well Sampling & POT 1 System Monitoring Analytical Data (ug/L)**

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Chloroform (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	MDE (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)	
					5	788	888	5,888	188	18,888	28	428	15	Absence	588	
67	Tokarz, Frank 48 Govan Road Scott Township, PA 18447 (570) 586-1577	Potable	6/13/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS	
			6/22/2008	Comptrolatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<b>8.38</b>	<0.5	<0.5	NS	NS	
			104/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			629/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			800/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			114/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			282/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			68	Tomawitch, John RR #2 Box 103 Orpheim, PA 18447 (570) 586-1028	Potable	7/20/2009	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	NS
69	Timovich, Johanna 17 Hilltop Drive Scott Township, PA 18447 (570) 587-2019	Potable	5/2/2007	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS	
			1/28/2008	Comptrolatory	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<b>0.723</b>	<0.5	<0.5	NS	NS	
			642/2008	Raw	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<b>0.513</b>	<0.5	<0.5	NS	NS
				Middle	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	Absence	<1
			842/2008	Raw	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	NS	NS
				Middle	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	NS	NS
				Treated	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	Absence	<1
			204/2009	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			629/2010	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			802/2011	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			800/2013	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS
			114/2015	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
				Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS
Treated	<0.50	<0.50		<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS			
282/2016	Raw	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS			
	Middle	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	NS	NS			
	Treated	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	NS	NS			

**TABLE BB-1**  
**Lewis Brothers Garage Property**  
**Site Characterization Activities**  
**Private Well Sampling & POT System Monitoring Analytical Data (ug/L)**

Map ID	Well Number	Well Status	Date Sampled	Sample Type	Benzene (ug/L)	Ethyl Benzene (ug/L)	Cumene (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	MIBK (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Total Coliform (cfu/100ml)	HPC (cfu/100ml)
					5	788	888	5,888	188	18,888	28	488	15	Absence	588
70	White, Phyllis RD #2 Box 106 Orchard, PA 15847 (570) 241-4213 (C+E) (570) 587-2125 (Owner)	Potable	7/28/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
71	Vandora, Jim RR #2 Box 45 Orchard, PA 15847 (570) 254-9594 (Work) (570) 877-7362 (Cell)	Potable	7/28/2008	Initial	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NS	NS
73	Young, John 809 Justice Boulevard Scott Township, PA 15847	Potable	8/2/2011	Initial	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS
			11/4/2005		<0.50	<0.50	<0.50	<0.50	<1.5	0.52	<0.50	<0.50	NS	NS	
			9/10/2005		<0.50	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	NS	NS	

**NS** Not Measured  
**MIBK** Methyl Tert Butyl Ether  
**1,2-EDC** 1,2-Dichloroethane  
**1,2,4-TMB** 1,2,4-Trimehylbenzene  
**1,3,5-TMB** 1,3,5-Trimehylbenzene  
**1,2-EDB** 1,2-Dibromoethane

**NS** Not Sampled  
**ND** Not Detected  
**NA** Not Analyzed

PA Act 2 Statewide Health Standards for Residential Used Aquifer setting

Shaded values indicate Act 2 Statewide Health Standard exceedances

Note: Addresses given in RED have changed since the time of initial sampling. The new address is not known.

Private Well Sampling Analytical Data Sheets

May 2007



Pennsylvania Teclonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-13 (Bobar.W-May 07 - Ground Water)</b>						<b>Sampled: 05/02/07 14:30</b>		<b>Recvd: 05/04/07 09:00</b>	
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 16:48	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 16:48	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 16:48	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/l.	0.500	1	05/12/07 16:48	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 16:48	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 16:48	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 16:48	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 16:48	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 16:48	jxc	7050715	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	99 %					05/12/07 16:48	jxc	7050715	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	103 %					05/12/07 16:48	jxc	7050715	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-14 (Boylan.M-May 07 - Ground Water)</b>						<b>Sampled: 05/02/07 15:00</b>		<b>Recvd: 05/04/07 09:00</b>	
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 17:22	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 17:22	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 17:22	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 17:22	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 17:22	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 17:22	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 17:22	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 17:22	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 17:22	jxc	7050715	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	<i>90 %</i>					05/12/07 17:22	jxc	7050715	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	<i>91 %</i>					05/12/07 17:22	jxc	7050715	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQE0972  
 Project: PADEP UG  
 Project Number: Lewis Bros R.I.

Received: 05/11/07  
 Reported: 05/22/07 08:30

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0972-03 (Crossley,B-May07 - Ground Water)</b>				<b>Sampled: 05/09/07 18:12</b>			<b>Recvd: 05/11/07 08:45</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/15/07 08:10	jap	7050795	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/15/07 08:10	jap	7050795	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/15/07 08:10	jap	7050795	EPA 524.2
<b>Methyl tert-Butyl Ether</b>	<b>2.95</b>	CF6	ug/L	0.500	1	05/15/07 08:10	jap	7050795	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/15/07 08:10	jap	7050795	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/15/07 08:10	jap	7050795	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/15/07 08:10	jap	7050795	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/15/07 08:10	jap	7050795	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/15/07 08:10	jap	7050795	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	75 %					05/15/07 08:10	jap	7050795	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	86 %					05/15/07 08:10	jap	7050795	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
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 Marty Gilgallon

Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.1 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-16 (Fryzel.R-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 16:00</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/l.	0.500	1	05/12/07 18:31	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 18:31	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 18:31	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 18:31	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 18:31	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/l.	0.500	1	05/12/07 18:31	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 18:31	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 18:31	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 18:31	jxc	7050715	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	88 %					05/12/07 18:31	jxc	7050715	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	93 %					05/12/07 18:31	jxc	7050715	EPA 524.2

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Work Order: DQE0972  
 Project: PADEP UG  
 Project Number: Lewis Bros R.I.

Received: 05/11/07  
 Reported: 05/22/07 08:30

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0972-01 (HryHorcoff.M-May07 - Ground Water)</b>				<b>Sampled: 05/09/07 17:15</b>			<b>Recvd: 05/11/07 08:45</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/15/07 07:02	jap	7050795	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/15/07 07:02	jap	7050795	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/15/07 07:02	jap	7050795	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/15/07 07:02	jap	7050795	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/15/07 07:02	jap	7050795	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/15/07 07:02	jap	7050795	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/15/07 07:02	jap	7050795	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/15/07 07:02	jap	7050795	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/15/07 07:02	jap	7050795	EPA 524.2
<i>Swr: 4-Bromofluorobenzene (70-130%)</i>	74 %					05/15/07 07:02	jap	7050795	EPA 524.2
<i>Swr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	81 %					05/15/07 07:02	jap	7050795	EPA 524.2

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Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Seq/ Analyst	Batch	Method
<b>Sample ID: DQE0405-07 (Jones.K-May 07 - Ground Water)</b>						<b>Sampled: 05/02/07 16:00</b>		<b>Recvd: 05/04/07 09:00</b>	
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 13:56	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 13:56	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 13:56	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 13:56	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 13:56	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 13:56	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 13:56	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 13:56	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 13:56	jxc	7050715	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	90 %					05/12/07 13:56	jxc	7050715	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	88 %					05/12/07 13:56	jxc	7050715	EPA 524.2

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Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-15 (Kalinowski.K-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 15:30</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 17:56	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 17:56	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 17:56	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 17:56	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 17:56	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 17:56	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 17:56	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 17:56	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 17:56	jxc	7050715	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	91 %					05/12/07 17:56	jxc	7050715	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	92 %					05/12/07 17:56	jxc	7050715	EPA 524.2

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Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-05 (King.H-May -07 - Ground Water)</b>				<b>Sampled: 05/02/07 15:00</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/09/07 20:56	jap	7050662	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/09/07 20:56	jap	7050662	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/09/07 20:56	jap	7050662	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/09/07 20:56	jap	7050662	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/09/07 20:56	jap	7050662	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/09/07 20:56	jap	7050662	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 20:56	jap	7050662	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 20:56	jap	7050662	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/09/07 20:56	jap	7050662	EPA 524.2
<i>Surv: 4-Bromofluorobenzene (70-130%)</i>	<i>87 %</i>					05/09/07 20:56	jap	7050662	EPA 524.2
<i>Surv: 1,2-Dichlorobenzene-d4 (70-130%)</i>	<i>80 %</i>					05/09/07 20:56	jap	7050662	EPA 524.2



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Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-06 (Klimachefsky.M-May07 - Ground Water)</b>				<b>Sampled: 05/02/07 15:30</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/09/07 21:30	jap	7050662	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/09/07 21:30	jap	7050662	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/09/07 21:30	jap	7050662	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/09/07 21:30	jap	7050662	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/09/07 21:30	jap	7050662	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/09/07 21:30	jap	7050662	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 21:30	jap	7050662	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 21:30	jap	7050662	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/09/07 21:30	jap	7050662	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	86 %					05/09/07 21:30	jap	7050662	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	83 %					05/09/07 21:30	jap	7050662	EPA 524.2

Pennsylvania Tectonics  
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Work Order: DQE0405  
 Project: PADEP UG  
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Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-03 (Kowalski W-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 14:00</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/09/07 19:47	jap	7050662	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/09/07 19:47	jap	7050662	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/09/07 19:47	jap	7050662	EPA 524.2
<b>Methyl tert-Butyl Ether</b>	<b>2.08</b>		ug/l.	0.500	1	05/09/07 19:47	jap	7050662	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/09/07 19:47	jap	7050662	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/09/07 19:47	jap	7050662	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 19:47	jap	7050662	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 19:47	jap	7050662	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/09/07 19:47	jap	7050662	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	<i>83 %</i>					05/09/07 19:47	jap	7050662	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	<i>80 %</i>					05/09/07 19:47	jap	7050662	EPA 524.2

Pennsylvania Tectonics  
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Work Order: DQE0405  
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Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-18 (Kuha.J-May 07 - Ground Water)</b>				<b>Sampled: 05/03/07 11:45</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 19:39	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 19:39	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 19:39	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 19:39	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 19:39	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 19:39	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 19:39	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 19:39	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 19:39	jxc	7050715	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	91 %					05/12/07 19:39	jxc	7050715	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	93 %					05/12/07 19:39	jxc	7050715	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
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Work Order: DQE0405  
 Project: PADEP UG  
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Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-09 (Kvaka.J-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 14:30</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 14:30	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/l.	0.500	1	05/12/07 14:30	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 14:30	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	0.630		ug/L	0.500	1	05/12/07 14:30	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 14:30	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/l.	0.500	1	05/12/07 14:30	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/l.	0.500	1	05/12/07 14:30	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 14:30	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 14:30	jxc	7050715	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	92 %					05/12/07 14:30	jxc	7050715	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	90 %					05/12/07 14:30	jxc	7050715	EPA 524.2

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Work Order: DQE0405  
 Project: PADEP UG  
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Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-01 (Lewis R-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 12:30</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/09/07 18:39	jap	7050662	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/09/07 18:39	jap	7050662	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/09/07 18:39	jap	7050662	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/09/07 18:39	jap	7050662	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/09/07 18:39	jap	7050662	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/09/07 18:39	jap	7050662	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 18:39	jap	7050662	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 18:39	jap	7050662	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/09/07 18:39	jap	7050662	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	<i>84 %</i>					05/09/07 18:39	jap	7050662	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d1 (70-130%)</i>	<i>82 %</i>					05/09/07 18:39	jap	7050662	EPA 524.2

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Work Order: DQE0972  
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Received: 05/11/07  
 Reported: 05/22/07 08:30

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0972-02 (Lupini.M-May07 - Ground Water)</b>				<b>Sampled: 05/09/07 17:32</b>			<b>Recvd: 05/11/07 08:45</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/15/07 07:36	jap	7050795	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/15/07 07:36	jap	7050795	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/15/07 07:36	jap	7050795	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/15/07 07:36	jap	7050795	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/15/07 07:36	jap	7050795	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/15/07 07:36	jap	7050795	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/15/07 07:36	jap	7050795	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/15/07 07:36	jap	7050795	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/15/07 07:36	jap	7050795	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	75 %					05/15/07 07:36	jap	7050795	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	82 %					05/15/07 07:36	jap	7050795	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-19 (Makala.B-May 07 - Ground Water)</b>				<b>Sampled: 05/03/07 12:00</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 20:14	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 20:14	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 20:14	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 20:14	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 20:14	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 20:14	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 20:14	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 20:14	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 20:14	jxc	7050715	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	<i>91 %</i>					05/12/07 20:14	jxc	7050715	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	<i>94 %</i>					05/12/07 20:14	jxc	7050715	EPA 524.2

Pennsylvania Tectonics  
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Received: 05/04/07  
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## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-08 (Messina.A-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 16:30</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/09/07 22:39	jap	7050662	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/09/07 22:39	jap	7050662	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/09/07 22:39	jap	7050662	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/09/07 22:39	jap	7050662	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/09/07 22:39	jap	7050662	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/09/07 22:39	jap	7050662	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 22:39	jap	7050662	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 22:39	jap	7050662	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/09/07 22:39	jap	7050662	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	82 %					05/09/07 22:39	jap	7050662	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	82 %					05/09/07 22:39	jap	7050662	EPA 524.2



Pennsylvania Tectonics  
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Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-11 (Nole.H.-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 13:30</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 15:39	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 15:39	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 15:39	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 15:39	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 15:39	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 15:39	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 15:39	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 15:39	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 15:39	jxc	7050715	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	91 %					05/12/07 15:39	jxc	7050715	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	91 %					05/12/07 15:39	jxc	7050715	EPA 524.2

Pennsylvania Tectonics  
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Work Order: DQE0405  
 Project: PADEP UG  
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Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-02 (Pascavage M-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 13:00</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/09/07 19:13	jap	7050662	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/09/07 19:13	jap	7050662	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/09/07 19:13	jap	7050662	EPA 524.2
<b>Methyl tert-Butyl Ether</b>	<b>1.16</b>		ug/L	0.500	1	05/09/07 19:13	jap	7050662	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/09/07 19:13	jap	7050662	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/09/07 19:13	jap	7050662	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 19:13	jap	7050662	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 19:13	jap	7050662	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/09/07 19:13	jap	7050662	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	85 %					05/09/07 19:13	jap	7050662	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	83 %					05/09/07 19:13	jap	7050662	EPA 524.2

Pennsylvania Tectonics  
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Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-04 (Rabel.P-May07 - Ground Water)</b>				<b>Sampled: 05/02/07 13:30</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/09/07 20:22	jap	7050662	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/09/07 20:22	jap	7050662	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/09/07 20:22	jap	7050662	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/09/07 20:22	jap	7050662	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/09/07 20:22	jap	7050662	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/09/07 20:22	jap	7050662	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 20:22	jap	7050662	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/09/07 20:22	jap	7050662	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/09/07 20:22	jap	7050662	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	86 %					05/09/07 20:22	jap	7050662	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	83 %					05/09/07 20:22	jap	7050662	EPA 524.2

Pennsylvania Tectonics  
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Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.I. 27058

Received: 05/04/07  
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## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-17 (Siniawa.B-May 07 - Ground Water)</b>				<b>Sampled: 05/03/07 11:30</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 19:05	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 19:05	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 19:05	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 19:05	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 19:05	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 19:05	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 19:05	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 19:05	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 19:05	jxc	7050715	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	90 %					05/12/07 19:05	jxc	7050715	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	91 %					05/12/07 19:05	jxc	7050715	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-12 (Trinovitch.J-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 14:00</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 16:13	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 16:13	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 16:13	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 16:13	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 16:13	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 16:13	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 16:13	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 16:13	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 16:13	jxc	7050715	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	<i>91 %</i>					05/12/07 16:13	jxc	7050715	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	<i>91 %</i>					05/12/07 16:13	jxc	7050715	EPA 524.2

May 15, 2007

Client:

Pennsylvania Tectonics  
826 Main Street  
Peckville, PA 18452

Work Order: DQE0405  
Project Name: PADEP UG  
Project Number: Lewis Brothers R.I 27058

Attn: Marty Gilgallon

Date Received: 05/04/07

**Samples logged in at Dayton laboratory.**

An executed copy of the Chain of Custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at the number shown above.

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Lewis R-May 07	DQE0405-01	05/02/07 12:30
Pascavage M-May 07	DQE0405-02	05/02/07 13:00
Kowalski W-May 07	DQE0405-03	05/02/07 14:00
Rabel.P-May07	DQE0405-04	05/02/07 13:30
King.H-May -07	DQE0405-05	05/02/07 15:00
Klimachefsky.M-May07	DQE0405-06	05/02/07 15:30
Jones.K-May 07	DQE0405-07	05/02/07 16:00
Messina.A-May 07	DQE0405-08	05/02/07 16:30
Kvaka.J-May 07	DQE0405-09	05/02/07 14:30
Field Blank.01-May 07	DQE0405-10	05/02/07 15:15
Nolc.H.-May 07	DQE0405-11	05/02/07 13:30
Trinovitch.J-May 07	DQE0405-12	05/02/07 14:00
Bobar.W-May 07	DQE0405-13	05/02/07 14:30
Boylan.M-May 07	DQE0405-14	05/02/07 15:00
Kalinowski.K-May 07	DQE0405-15	05/02/07 15:30
Fryzel.R-May 07	DQE0405-16	05/02/07 16:00
Siniawa.B-May 07	DQE0405-17	05/03/07 11:30
Kuha.J-May 07	DQE0405-18	05/03/07 11:45
Makala.B-May 07	DQE0405-19	05/03/07 12:00

**Samples were received into laboratory at a temperature of 2.4 °C.**

Most environmental analytical testing methods require samples to be shipped above freezing, with temperatures not to exceed 6 degrees C. If sample temperatures are outside of this temperature range at the time of sample receipt, results may be impacted.

Pennsylvania Certification Number: 68-00577

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*TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.*

Pennsylvania Tectonics  
826 Main Street  
Peckville, PA 18452  
Marty Gilgallon

Work Order: DQE0405  
Project: PADEP UG  
Project Number: Lewis Brothers R.1 27058

Received: 05/04/07  
Reported: 05/15/07 08:47

Report Approved By:



This report has been electronically signed.

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0405-10 (Field Blank.01-May 07 - Ground Water)</b>				<b>Sampled: 05/02/07 15:15</b>			<b>Recvd: 05/04/07 09:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/12/07 15:05	jxc	7050715	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/12/07 15:05	jxc	7050715	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/12/07 15:05	jxc	7050715	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/12/07 15:05	jxc	7050715	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/12/07 15:05	jxc	7050715	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/12/07 15:05	jxc	7050715	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 15:05	jxc	7050715	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/12/07 15:05	jxc	7050715	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/12/07 15:05	jxc	7050715	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	93 %					05/12/07 15:05	jxc	7050715	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	95 %					05/12/07 15:05	jxc	7050715	EPA 524.2



Pennsylvania Tectonics  
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 Project: PADEP UG  
 Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	%REC Limits	RPD RPD	RPD Limit	Q
<b>Volatile Organic Compounds by GC/MS</b>														
Benzene	7050662			ug/L	N/A	0.500	<0.500							
Ethylbenzene	7050662			ug/L	N/A	0.500	<0.500							
Isopropylbenzene (Cumene)	7050662			ug/L	N/A	0.500	<0.500							
Methyl tert-Butyl Ether	7050662			ug/L	N/A	0.500	<0.500							
Naphthalene	7050662			ug/L	N/A	0.500	<0.500							
Toluene	7050662			ug/L	N/A	0.500	<0.500							
1,2,4-Trimethylbenzene	7050662			ug/L	N/A	0.500	<0.500							
1,3,5-Trimethylbenzene	7050662			ug/L	N/A	0.500	<0.500							
Xylenes, total	7050662			ug/L	N/A	1.50	<1.50							
Surrogate: 4-Bromofluorobenzene	7050662			ug/L					89		70-130			
Surrogate: 1,2-Dichlorobenzene-d1	7050662			ug/L					90		70-130			
Benzene	7050715			ug/L	N/A	0.500	<0.500							
Ethylbenzene	7050715			ug/L	N/A	0.500	<0.500							
Isopropylbenzene (Cumene)	7050715			ug/L	N/A	0.500	<0.500							
Methyl tert-Butyl Ether	7050715			ug/L	N/A	0.500	<0.500							
Naphthalene	7050715			ug/L	N/A	0.500	<0.500							
Toluene	7050715			ug/L	N/A	0.500	<0.500							
1,2,4-Trimethylbenzene	7050715			ug/L	N/A	0.500	<0.500							
1,3,5-Trimethylbenzene	7050715			ug/L	N/A	0.500	<0.500							
Xylenes, total	7050715			ug/L	N/A	1.50	<1.50							
Surrogate: 4-Bromofluorobenzene	7050715			ug/L					94		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7050715			ug/L					97		70-130			

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQE0405  
 Project: PADEP UG  
 Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
 Reported: 05/15/07 08:47

### LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Volatile Organic Compounds by GC/MS</b>														
Benzene	7050662		5.00	ug/L	N/A	0.500	4.65		93		70-130			
Ethylbenzene	7050662		5.00	ug/L	N/A	0.500	4.39		88		70-130			
Isopropylbenzene (Cumene)	7050662		5.00	ug/L	N/A	0.500	4.44		89		70-130			
Methyl tert-Butyl Ether	7050662		5.00	ug/L	N/A	0.500	4.97		99		70-130			
Naphthalene	7050662		5.00	ug/L	N/A	0.500	4.11		82		70-130			
Toluene	7050662		5.00	ug/L	N/A	0.500	4.43		89		70-130			
1,2,4-Trimethylbenzene	7050662		5.00	ug/L	N/A	0.500	4.44		89		70-130			
1,3,5-Trimethylbenzene	7050662		5.00	ug/L	N/A	0.500	4.45		89		70-130			
Xylenes, total	7050662		15.0	ug/L	N/A	1.50	13.2		88		70-130			
Surrogate: 4-Bromofluorobenzene	7050662			ug/L					90		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7050662			ug/L					86		70-130			
Benzene	7050715		5.00	ug/L	N/A	0.500	5.12		102		70-130			
Ethylbenzene	7050715		5.00	ug/L	N/A	0.500	5.08		102		70-130			
Isopropylbenzene (Cumene)	7050715		5.00	ug/L	N/A	0.500	5.07		101		70-130			
Methyl tert-Butyl Ether	7050715		5.00	ug/L	N/A	0.500	4.71		94		70-130			
Naphthalene	7050715		5.00	ug/L	N/A	0.500	5.17		103		70-130			
Toluene	7050715		5.00	ug/L	N/A	0.500	5.06		101		70-130			
1,2,4-Trimethylbenzene	7050715		5.00	ug/L	N/A	0.500	4.98		100		70-130			
3,5-Trimethylbenzene	7050715		5.00	ug/L	N/A	0.500	4.99		100		70-130			
Xylenes, total	7050715		15.0	ug/L	N/A	1.50	15.2		101		70-130			
Surrogate: 4-Bromofluorobenzene	7050715			ug/L					96		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7050715			ug/L					98		70-130			

Pennsylvania Tectonics  
826 Main Street  
Peckville, PA 18452  
Marty Gilgallon

Work Order: DQE0405  
Project: PADEP UG  
Project Number: Lewis Brothers R.I 27058

Received: 05/04/07  
Reported: 05/15/07 08:47

## CERTIFICATION SUMMARY

### TestAmerica - Dayton, OH

Method	Matrix	Nelac	Pennsylvania
EPA 524.2	Water - NonPotable		

*Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.*

*For information concerning certifications of this facility or another TestAmerica facility, please visit our website at [www.TestAmericaInc.com](http://www.TestAmericaInc.com)*

*Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .*

## ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

PA 405

# TestAmerica

INCORPORATED

Dayton Division  
3601 S. Dixie Drive  
Dayton, OH 45439

Phone: 937-294-8856  
Toll Free: 800-572-9839  
Fax: 937-294-7816

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name: PENNSYLVANIA TECTONICS INC Client #:

Address: 826 MAIN STREET

City/State/Zip Code: PECKVILLE PA 18452

Project Manager: MARTIN GILGALLON

Telephone Number: 570-487-1959 Fax: 570-487-1961

Sampler Name: (Print Name) DEAN CRUCIANI

Sampler Signature: 

Project Name: LEWIS BROTHERS R.I.

Project #: 27058

Site/Location ID: LEWIS BRAS State: PA

Report To: MARTIN GILGALLON



Invoice To: MARTIN GILGALLON

Quote # 27058 PO# 27058

TAT Standard Rush (surcharges may apply)	Date Needed:	Fax Results: Y N	Email	SAMPLE ID	Date Sampled	Time Sampled	G=Grab, C=Composite	Field Filtered	Matrix Preservation & # of Containers							Other (Specify)	REMARKS
									SI-Sludge DW-Drinking Water	GW-Groundwater & Soil/Solid	WW-Wastewater Specify Other	HNO <sub>3</sub>	HCl + Acetic Ac. Preserved	NaOH	H <sub>2</sub> SO <sub>4</sub>		
				LEWIS. R-MAY07	5/2/07 12:30	6 M	G								X	UNLEADED	
				PASCAYAGE. M-MAY07	5/2/07 13:00	6 M	G								X	1,2,4-TMB*	
				KOWALSKI. W-MAY07	5/2/07 14:00	6 M	G								X	1,3,5-TMB*	
				RABEL. P-MAY07	5/2/07 13:30	6 M	G								X		
				KING. H-MAY07	5/2/07 15:00	6 M	G								X		
				KLIMACHESKY. M-MAY07	5/2/07 15:30	6 M	G								X		
				JONES. K-MAY07	5/2/07 16:00	6 M	G								X		
				MESSINA. A-MAY07	5/2/07 16:30	6 M	G								X		
				KYAKA. J-MAY07	5/2/07 14:30	6 M	G								X		
				FIELD BLANK. 01-MAY07	5/2/07 15:45	6 M	DE								X		

Special Instructions:  
 EMAIL RESULTS (IF POSSIBLE) TO: PATECTONICS@HOTMAIL.COM  
 \* EPA METHOD 504

LABORATORY COMMENTS:  
 Init Lab Temp: \_\_\_\_\_  
 Rec Lab Temp: 2.4°C  
 Custody Seals: Y N  
 Bottles Supplied by Test America: Y N  
 Date: 8509 8089  
 Method of Shipment: 0770

Relinquished By:		Date:	5.2.07	Time:	1400
Relinquished By:		Date:	5.3.07	Time:	1400
Relinquished By:		Date:	5.4.17	Time:	09:00

# TestAmerica

INCORPORATED  
Dayton Division  
3601 S. Dixie Drive  
Dayton, OH 45439

Phone: 937-294-8856  
Toll Free: 800-572-9839  
Fax: 937-294-7816

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name: PENNSYLVANIA TECTONICS INC Client #:

Address: 826 MAIN STREET

City/State/Zip Code: PECKVILLE PA 18452

Project Manager: MARTIN GILGALLON

Telephone Number: 570-487-1959 Fax: 570-487-1961

Sampler Name: (Print Name) KEVIN CUCURA

Sampler Signature: [Signature]

Project Name: LEWIS BROS R.I.

Project #: 27058

Site/Location ID: LEWIS BROS. State: PA

Report To: MARTIN GILGALLON

Invoice To: MARTIN GILGALLON

Quote # 27058

TAT Standard Rush (surcharges may apply)	Date Needed:	Fax Results: Y N	Date Sampled	Time Sampled	G=Grab, C=Composite	Field Filtered	Matrix	Preservation & # of Containers							Other (Specify)	QC Deliverables	REMARKS
								HNO <sub>3</sub>	HCl + H <sub>2</sub> O <sub>2</sub>	NaOH	H <sub>2</sub> SO <sub>4</sub>	Methanol	None				
<input checked="" type="checkbox"/> EMAIL							UNLEADED GAS *										
NOLE.H-MAY07			5/2/07 1330		G		GW	3								1,3,5-TMB *	
TRINGNITCH.J-MAY07			5/2/07 1400		G		GW	3								1,3,5-TMB *	
BOBAR.W-MAY07			5/2/07 1430		G		GW	3									
BOYLAN.M-MAY07			5/2/07 1500		G		GW	3									
KALINOWSKI.K-MAY07			5/2/07 1530		G		GW	3									
FRYZEL.R-MAY07			5/2/07 1600		G		GW	3									
SINJAWA.B-MAY07			5/3/07 1130		G		GW	3									
KUHN.J-MAY07			5/3/07 1145		G		GW	3									
MAKALA.B-MAY07			5/3/07 1200		G		GW	3									

Special Instructions: EMAIL RESULTS (IF POSSIBLE) TO: PATECTONICS@HOTMAIL.COM  
\* EPA METHOD 524

LABORATORY COMMENTS:  
Init Lab Temp: \_\_\_\_\_  
Rec Lab Temp: 24C  
Custody Seals: (Y) N N/A  
Bottles Supplied by Test America: (Y) N  
Method of Shipment: FE 8569 8086 0770

Relinquished By: <u>[Signature]</u>	5.3.07 Date:	1400 Time:	5.3.07 Date:	1400 Time:
Relinquished By: _____	Date:	Time:	5/4/7 Date:	09:10 Time:
Relinquished By: _____	Date:	Time:	Date:	Time:

May 22, 2007

Client:

Pennsylvania Tectonics  
826 Main Street  
Peckville, PA 18452

Work Order: DQE0972  
Project Name: PADEP UG  
Project Number: Lewis Bros R.I.

Attn: Marty Gilgallon

Date Received: 05/11/07

**Samples logged in at Dayton laboratory.**

An executed copy of the Chain of Custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at the number shown above.

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
HryHorcoff.M-May07	DQE0972-01	05/09/07 17:15
Lupini.M-May07	DQE0972-02	05/09/07 17:32
Crossley.B-May07	DQE0972-03	05/09/07 18:12
FieldBlank.02-May07	DQE0972-04	05/09/07 17:25

**Case Narrative: Revised report: reported matrix corrected.**

**Samples were received into laboratory at a temperature of 3.2 °C.**

Most environmental analytical testing methods require samples to be shipped above freezing, with temperatures not to exceed 6 degrees C. If sample temperatures are outside of this temperature range at the time of sample receipt, results may be impacted.

Pennsylvania Certification Number: 68-00577

*Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.*

*TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.*

Report Approved By:



This report has been electronically signed.

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQE0972  
 Project: PADEP UG  
 Project Number: Lewis Bros R.I.

Received: 05/11/07  
 Reported: 05/22/07 08:30

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQE0972-04 (FieldBlank.02-May07 - Ground Water)</b>						<b>Sampled: 05/09/07 17:25</b>	<b>Recvd: 05/11/07 08:45</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	05/15/07 08:45	jap	7050795	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	05/15/07 08:45	jap	7050795	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	05/15/07 08:45	jap	7050795	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	05/15/07 08:45	jap	7050795	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	05/15/07 08:45	jap	7050795	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	05/15/07 08:45	jap	7050795	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	05/15/07 08:45	jap	7050795	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	05/15/07 08:45	jap	7050795	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	05/15/07 08:45	jap	7050795	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	75 %					05/15/07 08:45	jap	7050795	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	84 %					05/15/07 08:45	jap	7050795	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
 Peekville, PA 18452  
 Martyr Gilgallon

Work Order: DQE0972  
 Project: PADEP UG  
 Project Number: Lewis Bros R.1.

Received: 05/11/07  
 Reported: 05/22/07 08:30

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup	%	Dup	% REC	RPD		Q
								Result	REC	%REC	Limits	RPD	Limit	
<b>Volatile Organic Compounds by GC/MS</b>														
Benzene	7050795			ug/L	N/A	0.500	<0.500							
Ethylbenzene	7050795			ug/L	N/A	0.500	<0.500							
Isopropylbenzene (Cumene)	7050795			ug/L	N/A	0.500	<0.500							
Methyl tert-Butyl Ether	7050795			ug/L	N/A	0.500	<0.500							
Naphthalene	7050795			ug/L	N/A	0.500	<0.500							
Toluene	7050795			ug/L	N/A	0.500	<0.500							
1,2,4-Trimethylbenzene	7050795			ug/L	N/A	0.500	<0.500							
1,3,5-Trimethylbenzene	7050795			ug/L	N/A	0.500	<0.500							
Xylenes, total	7050795			ug/L	N/A	1.50	<1.50							
Surrogate: 4-Bromofluorobenzene	7050795			ug/L					78			70-130		
Surrogate: 1,2-Dichlorobenzene-d4	7050795			ug/L					90			70-130		



Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQE0972  
 Project: PADEP UG  
 Project Number: Lewis Bros R.I.

Received: 05/11/07  
 Reported: 05/22/07 08:30

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Volatile Organic Compounds by GC/MS</b>														
Benzene	7050795			ug/L	N/A	0.500	4.68				70-0			
Ethylbenzene	7050795			ug/L	N/A	0.500	4.81				70-0			
Isopropylbenzene (Cumene)	7050795			ug/L	N/A	0.500	4.91				70-0			
Methyl tert-Butyl Ether	7050795			ug/L	N/A	0.500	4.19				70-0			
Naphthalene	7050795			ug/L	N/A	0.500	5.44				70-0			
Toluene	7050795			ug/L	N/A	0.500	4.79				70-0			
1,2,4-Trimethylbenzene	7050795			ug/L	N/A	0.500	4.97				70-0			
1,3,5-Trimethylbenzene	7050795			ug/L	N/A	0.500	4.92				70-0			
Xylenes, total	7050795			ug/L	N/A	1.50	14.5				70-0			
Surrogate: 4-Bromofluorobenzene	7050795			ug/L					91		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7050795			ug/L					98		70-130			

Pennsylvania Tectonics  
826 Main Street  
Peckville, PA 18452  
Marty Gilgallon

Work Order: DQE0972  
Project: PADEP UG  
Project Number: Lewis Bros R.I.

Received: 05/11/07  
Reported: 05/22/07 08:30

## CERTIFICATION SUMMARY

### TestAmerica - Dayton, OH

Method	Matrix	Nelac	Pennsylvania
EPA 524.2	Water - NonPotable		

*Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.*

*For information concerning certifications of this facility or another TestAmerica facility, please visit our website at [www.TestAmericaInc.com](http://www.TestAmericaInc.com)*

*Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC).*

## DATA QUALIFIERS AND DEFINITIONS

CF6 Results confirmed by reanalysis.

## ADDITIONAL COMMENTS

## ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

# TestAmerica

INCORPORATED

Dayton Division  
3601 S. Dixie Drive  
Dayton, OH 45439

Phone: 937-294-6856  
Toll Free: 800-572-9839  
Fax: 937-294-7816

DOE094A

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name: PENNSYLVANIA TECTONICS INC Client #:

Address: 826 MAIN STREET

City/State/Zip Code: PECKVILLE PA 18452

Project Manager: MARTIN GILGALLON

Telephone Number: 570-487-1959 Fax: 570-487-1961

Sampler Name: (Print Name) DEAN CRUCIANI

Project Name: LEWIS BROS R.I.

Project #: 27058

Site/Location ID: LEWIS BROS State: PA

Report To: MARTIN GILGALLON

Invoice To: MARTIN GILGALLON

Quote # \_\_\_\_\_ PO# 27058

Sampler Signature: \_\_\_\_\_

TAT Standard Rush (surcharges may apply)	Date Needed:	Date Sampled	Time Sampled	G=Grab, C=Composite	Field Filtered	Matrix	Preservation & # of Containers				Analyze For:	QC Deliverables	REMARKS
							HNO <sub>3</sub>	HCl/Ascorbic Acid	NaOH	H <sub>2</sub> SO <sub>4</sub>			
<input checked="" type="checkbox"/> Standard		5/19/07	17:56	G		GW	3	3			UNLEADED GAS		
<input type="checkbox"/> Rush		5/19/07	17:32	G		GW	3	3			1,2,4-TMB		
		5/19/07	18:26	G		GW	3	3			1,3,5-TMB		
		5/19/07	17:25	G		DF	3	3					

Special instructions:  
**EMAIL RESULTS (IF POSSIBLE) TO: PATECTONICS@HOTMAIL.COM**

\*EPA METHOD 524

LABORATORY COMMENTS:  
Init Lab Temp: \_\_\_\_\_  
Rec Lab Temp: 32.0  
Custody Seals: Y N N/A  
Bottles Supplied by Test America: Y N  
Method of Shipment: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: 5/19/07 Time: 19:45  
 Relinquished By: *[Signature]* Date: 5/19/07 Time: 19:45

FED EX # 8569-8026-0655

Private Well Sampling Analytical Data Sheets

June 2007

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQF1527  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:02

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQF1527-04 (Higgins.M-Jun.07 - Drinking Water)</b>				<b>Sampled: 06/18/07 17:30</b>			<b>Recvd: 06/21/07 06:20</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	06/27/07 23:12	jap	7061583	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	06/27/07 23:12	jap	7061583	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	06/27/07 23:12	jap	7061583	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	06/27/07 23:12	jap	7061583	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	06/27/07 23:12	jap	7061583	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	06/27/07 23:12	jap	7061583	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 23:12	jap	7061583	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 23:12	jap	7061583	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	06/27/07 23:12	jap	7061583	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	99 %					06/27/07 23:12	jap	7061583	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	101 %					06/27/07 23:12	jap	7061583	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQF1527  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:02

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQF1527-03 (Kuzmiak Jr.M-Jun.07 - Drinking Water)</b>						<b>Sampled: 06/18/07 12:30</b>	<b>Recvd: 06/21/07 06:20</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	06/27/07 22:39	jap	7061583	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	06/27/07 22:39	jap	7061583	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	06/27/07 22:39	jap	7061583	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	06/27/07 22:39	jap	7061583	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	06/27/07 22:39	jap	7061583	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	06/27/07 22:39	jap	7061583	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 22:39	jap	7061583	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 22:39	jap	7061583	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	06/27/07 22:39	jap	7061583	EPA 524.2
<i>Surr: 4-Bromofluorobenzene (70-130%)</i>	96 %					06/27/07 22:39	jap	7061583	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4 (70-130%)</i>	98 %					06/27/07 22:39	jap	7061583	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQF1525  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:01

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQF1525-01 (Mateuse-JUN 07 - Drinking Water)</b>				<b>Sampled: 06/13/07 17:30</b>		<b>Recvd: 06/21/07 06:00</b>			
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	06/27/07 14:59	jap	7061583	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	06/27/07 14:59	jap	7061583	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	06/27/07 14:59	jap	7061583	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	06/27/07 14:59	jap	7061583	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	06/27/07 14:59	jap	7061583	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	06/27/07 14:59	jap	7061583	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 14:59	jap	7061583	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 14:59	jap	7061583	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	06/27/07 14:59	jap	7061583	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	94 %					06/27/07 14:59	jap	7061583	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	95 %					06/27/07 14:59	jap	7061583	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQF1527  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:02

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQF1527-02 (Brudinski.J-Jun.07 - Drinking Water)</b>					<b>Sampled: 06/18/07 08:30</b>		<b>Recvd: 06/21/07 06:20</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	06/27/07 22:05	jap	7061583	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	06/27/07 22:05	jap	7061583	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	06/27/07 22:05	jap	7061583	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	06/27/07 22:05	jap	7061583	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	06/27/07 22:05	jap	7061583	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	06/27/07 22:05	jap	7061583	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 22:05	jap	7061583	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 22:05	jap	7061583	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	06/27/07 22:05	jap	7061583	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	94 %					06/27/07 22:05	jap	7061583	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	103 %					06/27/07 22:05	jap	7061583	EPA 524.2



Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQF1527  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:02

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQF1527-01 (Skierski.S-Jun.07 - Drinking Water)</b>						<b>Sampled: 06/18/07 08:00</b>	<b>Recvd: 06/21/07 06:20</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	06/27/07 21:32	jap	7061583	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	06/27/07 21:32	jap	7061583	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	06/27/07 21:32	jap	7061583	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	06/27/07 21:32	jap	7061583	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	06/27/07 21:32	jap	7061583	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	06/27/07 21:32	jap	7061583	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 21:32	jap	7061583	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	06/27/07 21:32	jap	7061583	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	06/27/07 21:32	jap	7061583	EPA 524.2
<i>Surv: 4-Bromofluorobenzene (70-130%)</i>	95 %					06/27/07 21:32	jap	7061583	EPA 524.2
<i>Surv: 1,2-Dichlorobenzene-d4 (70-130%)</i>	101 %					06/27/07 21:32	jap	7061583	EPA 524.2

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQF1525  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:01

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DQF1525-02 (Tolcarz-JUN 07 - Drinking Water)</b>				<b>Sampled: 06/13/07 17:00</b>			<b>Recvd: 06/21/07 06:00</b>		
Volatile Organic Compounds by GC/MS									
Benzene	<0.500		ug/L	0.500	1	06/25/07 21:53	jap	7061438	EPA 524.2
Ethylbenzene	<0.500		ug/L	0.500	1	06/25/07 21:53	jap	7061438	EPA 524.2
Isopropylbenzene (Cumene)	<0.500		ug/L	0.500	1	06/25/07 21:53	jap	7061438	EPA 524.2
Methyl tert-Butyl Ether	<0.500		ug/L	0.500	1	06/25/07 21:53	jap	7061438	EPA 524.2
Naphthalene	<0.500		ug/L	0.500	1	06/25/07 21:53	jap	7061438	EPA 524.2
Toluene	<0.500		ug/L	0.500	1	06/25/07 21:53	jap	7061438	EPA 524.2
1,2,4-Trimethylbenzene	<0.500		ug/L	0.500	1	06/25/07 21:53	jap	7061438	EPA 524.2
1,3,5-Trimethylbenzene	<0.500		ug/L	0.500	1	06/25/07 21:53	jap	7061438	EPA 524.2
Xylenes, total	<1.50		ug/L	1.50	1	06/25/07 21:53	jap	7061438	EPA 524.2
Surr: 4-Bromofluorobenzene (70-130%)	96 %					06/25/07 21:53	jnp	7061438	EPA 524.2
Surr: 1,2-Dichlorobenzene-d4 (70-130%)	110 %					06/25/07 21:53	jap	7061438	EPA 524.2

July 10, 2007

Client:

Pennsylvania Tectonics  
826 Main Street  
Peckville, PA 18452

Attn: Marty Gilgallon

Work Order: DQF1525  
Project Name: PADEP UG  
Project Number: 27058

Date Received: 06/21/07

**Samples logged in at Dayton laboratory.**

An executed copy of the Chain of Custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at the number shown above.

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Mateuse-JUN 07	DQF1525-01	06/13/07 17:30
Tokarz-JUN 07	DQF1525-02	06/13/07 17:00

**Samples were received into laboratory at a temperature of 7.6 °C.**

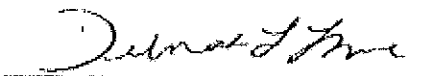
Most environmental analytical testing methods require samples to be shipped above freezing, with temperatures not to exceed 6 degrees C. If sample temperatures are outside of this temperature range at the time of sample receipt, results may be impacted.

Pennsylvania Certification Number: 68-00577

*Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.*

*TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.*

Report Approved By:



This report has been electronically signed.

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQF1525  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:01

### LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>Volatile Organic Compounds by GC/MS</b>														
Benzene	7061438			ug/L	N/A	0.500	<0.500							
Ethylbenzene	7061438			ug/L	N/A	0.500	<0.500							
Isopropylbenzene (Cumene)	7061438			ug/L	N/A	0.500	<0.500							
Methyl tert-Butyl Ether	7061438			ug/L	N/A	0.500	<0.500							
Naphthalene	7061438			ug/L	N/A	0.500	<0.500							
Toluene	7061438			ug/L	N/A	0.500	<0.500							
1,2,4-Trimethylbenzene	7061438			ug/L	N/A	0.500	<0.500							
1,3,5-Trimethylbenzene	7061438			ug/L	N/A	0.500	<0.500							
Xylenes, total	7061438			ug/L	N/A	1.50	<1.50							
Surrogate: 4-Bromofluorobenzene	7061438			ug/L					98		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7061438			ug/L					104		70-130			
Benzene	7061583			ug/L	N/A	0.500	<0.500							
Ethylbenzene	7061583			ug/L	N/A	0.500	<0.500							
Isopropylbenzene (Cumene)	7061583			ug/L	N/A	0.500	<0.500							
Methyl tert-Butyl Ether	7061583			ug/L	N/A	0.500	<0.500							
Naphthalene	7061583			ug/L	N/A	0.500	<0.500							
Toluene	7061583			ug/L	N/A	0.500	<0.500							
1,2,4-Trimethylbenzene	7061583			ug/L	N/A	0.500	<0.500							
1,3,5-Trimethylbenzene	7061583			ug/L	N/A	0.500	<0.500							
Xylenes, total	7061583			ug/L	N/A	1.50	<1.50							
Surrogate: 4-Bromofluorobenzene	7061583			ug/L					95		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7061583			ug/L					95		70-130			

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQF1525  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:01

### LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	Limit	Q
<b>Volatile Organic Compounds by GC/MS</b>														
Benzene	7061438		5.00	ug/L	N/A	0.500	5.00		100		70-130			
Ethylbenzene	7061438		5.00	ug/L	N/A	0.500	5.13		103		70-130			
Isopropylbenzene (Cumene)	7061438		5.00	ug/L	N/A	0.500	5.02		100		70-130			
Methyl tert-Butyl Ether	7061438		5.00	ug/L	N/A	0.500	5.00		100		70-130			
Naphthalene	7061438		5.00	ug/L	N/A	0.500	4.41		88		70-130			
Toluene	7061438		5.00	ug/L	N/A	0.500	5.09		102		70-130			
1,2,4-Trimethylbenzene	7061438		5.00	ug/L	N/A	0.500	5.08		102		70-130			
1,3,5-Trimethylbenzene	7061438		5.00	ug/L	N/A	0.500	5.06		101		70-130			
Xylenes, total	7061438		15.0	ug/L	N/A	1.50	15.4		103		70-130			
Surrogate: 4-Bromofluorobenzene	7061438			ug/L					97		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7061438			ug/L					103		70-130			
Benzene	7061583		5.00	ug/L	N/A	0.500	5.38		108		70-130			
Ethylbenzene	7061583		5.00	ug/L	N/A	0.500	5.44		109		70-130			
Isopropylbenzene (Cumene)	7061583		5.00	ug/L	N/A	0.500	5.41		108		70-130			
Methyl tert-Butyl Ether	7061583		5.00	ug/L	N/A	0.500	5.05		101		70-130			
Naphthalene	7061583		5.00	ug/L	N/A	0.500	6.13		123		70-130			
Toluene	7061583		5.00	ug/L	N/A	0.500	5.41		108		70-130			
1,2,4-Trimethylbenzene	7061583		5.00	ug/L	N/A	0.500	5.49		110		70-130			
1,3,5-Trimethylbenzene	7061583		5.00	ug/L	N/A	0.500	5.55		111		70-130			
Xylenes, total	7061583		15.0	ug/L	N/A	1.50	16.2		108		70-130			
Surrogate: 4-Bromofluorobenzene	7061583			ug/L					96		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7061583			ug/L					102		70-130			

Pennsylvania Tectonics  
826 Main Street  
Peckville, PA 18452  
Martyr Gilgallon

Work Order: DQF1525  
Project: PADEP UG  
Project Number: 27058

Received: 06/21/07  
Reported: 07/10/07 12:01

## CERTIFICATION SUMMARY

### TestAmerica - Dayton, OH

Method	Matrix	Nelac	Pennsylvania
EPA 524.2	Drinking Water		X

*Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.*

*For information concerning certifications of this facility or another TestAmerica facility, please visit our website at [www.TestAmericaInc.com](http://www.TestAmericaInc.com)*

*Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .*

## ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

July 10, 2007

Client:

Pennsylvania Tectonics  
826 Main Street  
Peckville, PA 18452

Work Order: DQF1527  
Project Name: PADEP UG  
Project Number: 27058

Attn: Marty Gilgallon

Date Received: 06/21/07

**Samples logged in at Dayton laboratory.**

An executed copy of the Chain of Custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at the number shown above.

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Skierski.S-Jun.07	DQF1527-01	06/18/07 08:00
Brudinski.J-Jun.07	DQF1527-02	06/18/07 08:30
Kuzmiak Jr.M-Jun.07	DQF1527-03	06/18/07 12:30
Higgins.M-Jun.07	DQF1527-04	06/18/07 17:30

**Samples were received into laboratory at a temperature of 7.6 °C.**

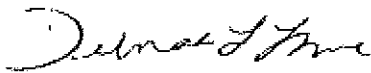
Most environmental analytical testing methods require samples to be shipped above freezing, with temperatures not to exceed 6 degrees C. If sample temperatures are outside of this temperature range at the time of sample receipt, results may be impacted.

Pennsylvania Certification Number: 68-00577

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*TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.*

Report Approved By:



This report has been electronically signed.

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Marty Gilgallon

Work Order: DQF1527  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:02

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Volatile Organic Compounds by GC/MS</b>														
Benzene	7061583			ug/L	N/A	0.500	<0.500							
Ethylbenzene	7061583			ug/L	N/A	0.500	<0.500							
Isopropylbenzene (Cumene)	7061583			ug/L	N/A	0.500	<0.500							
Methyl tert-Butyl Ether	7061583			ug/L	N/A	0.500	<0.500							
Naphthalene	7061583			ug/L	N/A	0.500	<0.500							
Toluene	7061583			ug/L	N/A	0.500	<0.500							
1,2,4-Trimethylbenzene	7061583			ug/L	N/A	0.500	<0.500							
1,3,5-Trimethylbenzene	7061583			ug/L	N/A	0.500	<0.500							
Xylenes, total	7061583			ug/L	N/A	1.50	<1.50							
Surrogate: 4-Bromofluorobenzene	7061583			ug/L					95		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7061583			ug/L					95		70-130			



Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQF1527  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:02

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	Limit	Q
<b>Volatile Organic Compounds by GC/MS</b>														
Benzene	7061583		5.00	ug/L	N/A	0.500	5.38		108		70-130			
Ethylbenzene	7061583		5.00	ug/L	N/A	0.500	5.44		109		70-130			
Isopropylbenzene (Cumene)	7061583		5.00	ug/L	N/A	0.500	5.41		108		70-130			
Methyl tert-Butyl Ether	7061583		5.00	ug/L	N/A	0.500	5.05		101		70-130			
Naphthalene	7061583		5.00	ug/L	N/A	0.500	6.13		123		70-130			
Toluene	7061583		5.00	ug/L	N/A	0.500	5.41		108		70-130			
1,2,4-Trimethylbenzene	7061583		5.00	ug/L	N/A	0.500	5.49		110		70-130			
1,3,5-Trimethylbenzene	7061583		5.00	ug/L	N/A	0.500	5.55		111		70-130			
Xylenes, total	7061583		15.0	ug/L	N/A	1.50	16.2		108		70-130			
Surrogate: 4-Bromofluorobenzene	7061583			ug/L					96		70-130			
Surrogate: 1,2-Dichlorobenzene-d4	7061583			ug/L					102		70-130			

Pennsylvania Tectonics  
 826 Main Street  
 Peckville, PA 18452  
 Martyr Gilgallon

Work Order: DQF1527  
 Project: PADEP UG  
 Project Number: 27058

Received: 06/21/07  
 Reported: 07/10/07 12:02

### CERTIFICATION SUMMARY

TestAmerica - Dayton, OH

Method	Matrix	Nelac	Pennsylvania
EPA 524.2	Drinking Water		X

*Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.*

*For information concerning certifications of this facility or another TestAmerica facility, please visit our website at [www.TestAmericaInc.com](http://www.TestAmericaInc.com)*

*Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .*

### ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

CHAIN OF CUSTODY RECORD - Revision 1

DOF 1527

**TestAmerica**  
INCORPORATED  
Dayton Division  
3601 South Dixie Drive  
Dayton Ohio 45439  
Phone: 937-294-8856  
Toll Free: 800-572-9839  
Fax: 937-294-7816

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?  
State in which sampling occurred PA

Compliance Monitoring? Yes No  
Enforcement Action? Yes No

Client Name: Pennsylvania Tectonics, Inc.  
Address: 826 Main Street  
City/State/Zip: Peckville, PA 18452

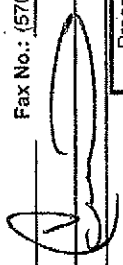
Report To: Martin Gilgallon

Invoice To: Pennsylvania Tectonics, Inc.

Telephone Number: (570) 487-1961  
Fax No.: (570) 487-1961

Client Email: patectonics@hotmail.com

Project No & ID: 2 7 0 5 8


Project Manager: Dean Cruciani  
Sampler Name: (Print) Dean Cruciani  
Sampler Signature: 

Analyze For:

Sample ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative										Matrix	Unleaded Gas**	1,2,4-TMB*	1,3,5-TMB*	RUSH Due Date	Standard 7-10 Business Days	Email Results	Standard Level 2 QC	Electronic Deliverables	REMARKS		
							HNO <sub>3</sub>	HCl	NaOH	H <sub>2</sub> SO <sub>4</sub> Plastic	H <sub>2</sub> SO <sub>4</sub> Glass	None	Other	SOIL	WATER	HCl												
Skierski, S-Jun. 07	6/18/2007	0830	3	X												X	X	X		X								
Brudinski, J-Jun. 07	6/18/2007	0830	3	X												X	X	X		X								
Kuzniak Jr, M-Jun. 07	6/18/2007	1230	3	X												X	X	X		X								
Higgins, M-Jun. 07	6/18/2007	1730	3	X												X	X	X		X								
<u>Field Blanker-June 07 6/18/07 0800</u>			<u>3</u>	<u>X</u>												<u>X</u>	<u>X</u>	<u>X</u>		<u>X</u>								

Laboratory Comments:  
Temperature Upon Receipt: 7.6 once  
VOCs Free of Headspace? Y N NA  
Sample Containers Intact? Y N

EPA METHOD 524 - MUST REPORT MTBE - REPORT EACH SAMPLE AS SEPARATE JOB

Relinquished by:	Date	Time	Received by:	Date	Time
	<u>6/19/07</u>	<u>0900</u>	<u>FED EX</u>	<u>6/14/07</u>	<u>1324</u>
Relinquished by:	Date	Time	Received by: <u>Martin Gilgallon</u>	Date	Time
				<u>6-21-07</u>	<u>6:20 AM</u>

field blank not logged (in log-in area not recall) receiving it, client notified 6/22/07

Private Well Sampling Analytical Data Sheets

January 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


February 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 9:10  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Bobar.W-Jan08</b>				
MTBE	0.10 E	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

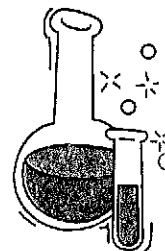
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 9:00  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

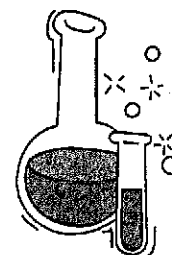
Parameter	Result	Units	Method	Analyzed
<b>Boylan.M-Jan08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

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ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 14:33  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

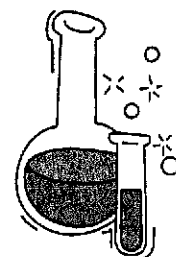
Parameter	Result	Units	Method	Analyzed
<b>Crossley.B-Jan08</b>				
MTBE	3.1	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


February 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 16:15  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Fryzel.R-Jan08</b>				
MTBE	0.20 E	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

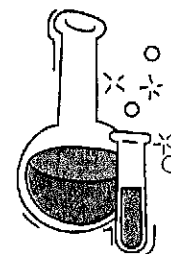
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 10:05  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

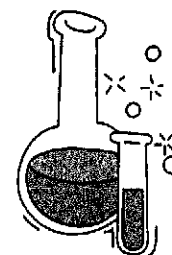
Parameter	Result	Units	Method	Analyzed
<b>Higgins.M-Jan08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT


February 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 12:35  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Hryhorcoff.M-Jan08</b>				
MTBE	0.30 E	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

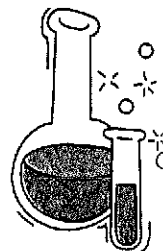
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


February 29, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

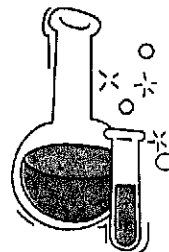
Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 30-Jan-08  
Sample Time: 11:00  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

Parameter	Result	Units	Method	Analyzed
<b>Kalinowski.K-Jan08</b>				
MTBE	0.35 E	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

E estimated value

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT


February 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 30-Jan-08  
Sample Time: 8:30  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

Parameter	Result	Units	Method	Analyzed
<b>King.H-Jan08</b>				
MTBE	0.40 E	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

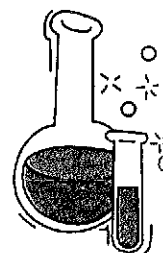
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

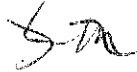
## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 16:30  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

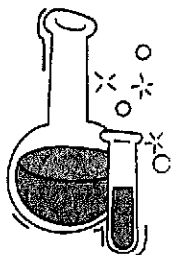
Parameter	Result	Units	Method	Analyzed
<b>Klimachefsky.J-Jan08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 7:00  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

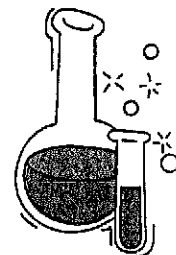
Parameter	Result	Units	Method	Analyzed
<b>Kovaleski.K-Jan08</b>				
MTBE	0.86	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 9:30  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

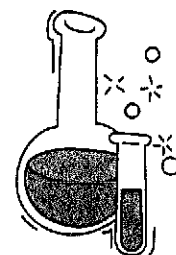
Parameter	Result	Units	Method	Analyzed
<b>Kowlaski.W-Jan08</b>				
MTBE	1.1	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 08:05  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

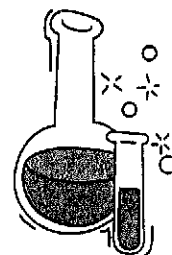
Parameter	Result	Units	Method	Analyzed
<b>Kuha.J-Jan08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


February 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 14:01  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Kuzmiak.M-Jan08</b>				
MTBE	0.21 E	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

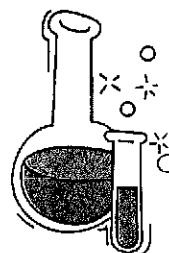
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

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**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 30-Jan-08  
Sample Time: 14:00  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

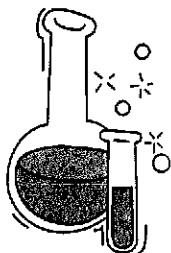
Parameter	Result	Units	Method	Analyzed
<b>Kvaka.J-Jan08</b>				
MTBE	0.60	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


February 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 7:05  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Lewis-Jan08</b>				
MTBE	0.17 E	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

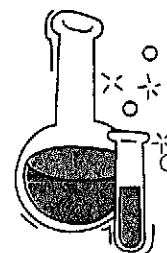
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


February 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

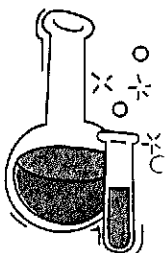
Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 30-Jan-08  
Sample Time: 10:30  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

Parameter	Result	Units	Method	Analyzed
<b>Lupini.M-Jan08</b>				
MTBE	0.18 E	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

E Estimated Value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 16:00  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

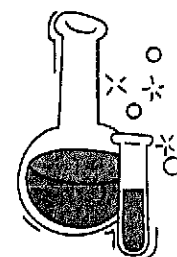
Parameter	Result	Units	Method	Analyzed
<b>Messina.A-Jan08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


February 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 13:08  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Note.D-Jan08</b>				
MTBE	0.20 E	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

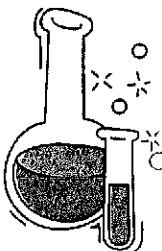
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 30-Jan-08  
Sample Time: 10:00  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

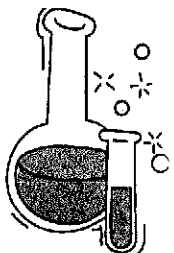
Parameter	Result	Units	Method	Analyzed
<b>Pascavage.M-Jan08</b>				
MTBE	0.89	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

February 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 16:38  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Brudinski.J-Jan08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	0.22 E	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

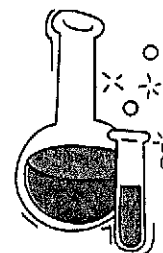
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 30-Jan-08  
Sample Time: 11:30  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

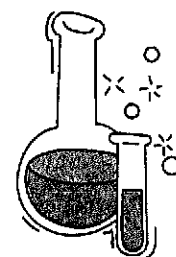
Parameter	Result	Units	Method	Analyzed
<b>Rabel.P-Jan08</b>				
MTBE	0.53	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 30-Jan-08  
Sample Time: 15:30  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

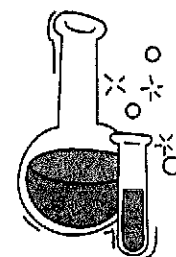
Parameter	Result	Units	Method	Analyzed
<b>Siniawa.B-Jan-08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 15:15  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

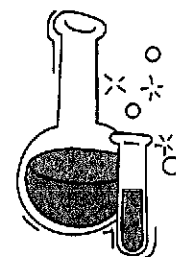
Parameter	Result	Units	Method	Analyzed
<b>Skierski.S-Jan08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 30-Jan-08  
Sample Time: 8:00  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

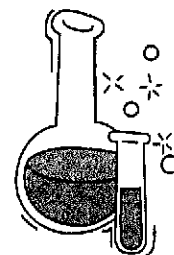
Parameter	Result	Units	Method	Analyzed
<b>Strong.B-Jan08</b>				
MTBE	2.2	ug/L	EPA 524.2	02-Feb-08
Benzene	0.64	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


February 29, 2008

Martin Gilgallon  
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Peckville, PA 18452

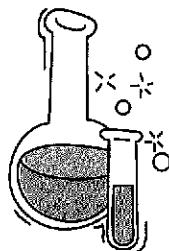
Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 13:35  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Trinovich.J-Jan08</b>				
MTBE	0.22 E	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: DI Water  
Sample Date: 29-Jan-08  
Sample Time: 9:30  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

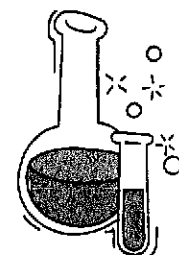
Parameter	Result	Units	Method	Analyzed
<b>FB2</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

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824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: DI Water  
Sample Date: 29-Jan-08  
Sample Time: 7:00  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

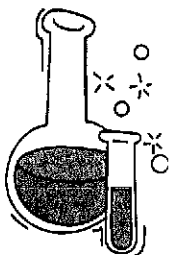
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank-DC- 1/29/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 16:20  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

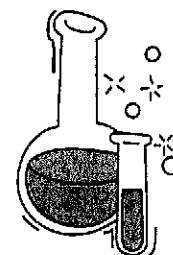
Parameter	Result	Units	Method	Analyzed
<b>FB1</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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**FAX: (570) 489-6965**





# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: DI Water  
Sample Date: 29-Jan-08  
Sample Time: n/a  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

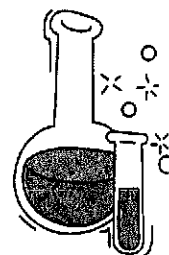
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.KC.1.28.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: DI Water  
Sample Date: 30-Jan-08  
Sample Time: 8:00  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

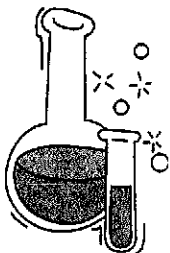
Parameter	Result	Units	Method	Analyzed
<b>FB1.01.30.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 30-Jan-08  
Sample Time: \*  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

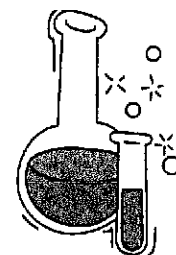
Parameter	Result	Units	Method	Analyzed
<b>Duplicate 1.01.30.08</b>				
MTBE	2.2	ug/L	EPA 524.2	02-Feb-08
Benzene	0.62	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: DI Water  
Sample Date: 30-Jan-08  
Sample Time: 8:00  
Sampled By: client  
Received By: RP  
Date Received: 30-Jan-08  
Time Received: 15:55

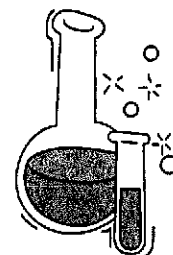
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank-DC.01.30.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	02-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	02-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	02-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	02-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



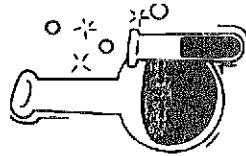
# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT (RUSH) 5 DAY NORMAL



# QUANTUM

## ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

*Riverbank*

Phone: (570) 489-6964 Fax: (570) 489-6965  
 Report to: PENNSYLVANIA TECHNICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGARRAN  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECHNICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452

Page 1 of 1

PROJECT: 27058	Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED				Invoice #	PO #
								CG - Glass	AG - Amber Glass	O - Other	Quantum ID		
	Kowaleski, K - JANOR	1/29/08	0700	DW	3	HCL 6	X	X	X	X	014-012908		
	JANOR, A - JANOR - RAW	1/29/08	0730	DW	3	HCL 6	X	X	X	X	015-		
	JANOR, A - JANOR - MIDDLE	1/29/08	0735	DW	3	HCL 6	X	X	X	X	016-		
	JANOR, A - JANOR - TREATED	1/29/08	0740	DW	4	HCL 6	X	X	X	X	017-		
	BOYLAN, M - JANOR	1/29/08	0900	DW	3	HCL 6	X	X	X	X	018-		
	Kowaleski, L - JANOR	1/29/08	0930	DW	3	HCL 6	X	X	X	X	019-		
	MISSISSA, A - JANOR	1/29/08	1600	DW	3	HCL 6	X	X	X	X	020-		
	KLINGBERG, T - JANOR	1/29/08	1630	DW	3	HCL 6	X	X	X	X	021-		
	FB-2	1/29/08	0930	DI	3	HCL 6	X	X	X	X	022-		
	TEARBOOK - DE - 10105	1/29/08	0700	DI	3	HCL 6	X	X	X	X	023-		

**Comments:** \*REP SHIP SUPPLIED BY LAB  
 \*ANALYSIS PER USEPA METHOD 534.2

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Sample: *Labwork* Shipped Hand Delivered

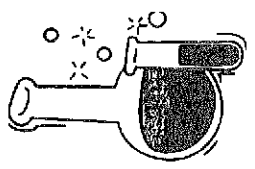
Relinquished By: *Debra* Date: *1/29/08* Time: *1720*  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.  
 Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

## CHAIN OF CUSTODY

**Special Requirements**  
 PA DEP ASTM TCLP  
 RCRA UST FORM L  
 FORM 43  
 Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT RUSH 5 DAY NORMAL



PROJECT: 27058

Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED	Invoice #	PO #
LEWIS - JAN 08	1/29/08	0905	DW	3	HCL G	X	124-TMB 125-TMB 125-TMB	024-012908	
HUHAJ - JAN 08	1/29/08	0905	DW	3	HCL G	X	X	025-	
BOBAEW - JAN 08	1/29/08	0910	DW	3	HCL G	X	X	026 -	
HIGGINS.M - JAN 08	1/29/08	1005	DW	3	HCL G	X	X	027 - 012908	
SKIESKI.S - JAN 08	1/29/08	1515	DW	3	HCL G	X	X	028 -	
CROSSLEY.B - JAN 08	1/29/08	1433	DW	3	HCL G	X	X	029 - 012908	
HAU HORCOFF.M - JAN 08	1/29/08	1235	DW	3	HCL G	X	X	030 -	
NOLE.A - JAN 08	1/29/08	1308	DW	3	HCL G	X	X	031 -	

**Comments:**

\* ANALYSIS PER USEPA METHOD 524.2

Sampler: K L... ..

Relinquished By: [Signature]

Relinquished By: [Signature]

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Received By: [Signature] Date: 1/29/08 Time: 1650  
 Received By: [Signature] Date: 1/29/08 Time: 1720

Report to: PENNSYLVANIA TECHNOLOGICS INC  
 326 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECHNOLOGICS INC  
 326 MAIN STREET  
 PECKVILLE PA 18452

**CHAIN OF CUSTODY**

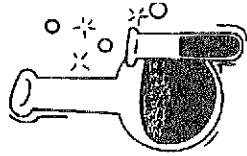
**Special Requirements**

PA DEP ASTM TQLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT CRUSF'S DAY NORVAL

PROJECT: 27058



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

Phone: (570) 489-6964 Fax: (570) 489-6965

Report to: PENNSYLVANIA TECTONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECTONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452

Date Sampled	Time Sampled	Location Sample Description	# of Cont / Size	Matrix	PRSV / Cont Type	Grab / Composite	**ANALYSIS TO BE PERFORMED										Invoice #	PO #
							P - Plastic	CG - Glass	AG - Amber Glass	O - Other	Quantum ID							
1/29/08	1335	Trinity J. - JAN 08	3	DW	HCL G	X	X	X	X	X	X	X	X	X	X	X	032-012908	
1/29/08	1615	Frederic R. - JAN 08	3	DW	HCL G	X	X	X	X	X	X	X	X	X	X	X	033-012908	
1/29/08	1638	Seubinski J. - JAN 08	3	DW	HCL G	X	X	X	X	X	X	X	X	X	X	X	034-	
1/29/08	1401	Kuznick M. - JAN 08	3	DW	HCL G	X	X	X	X	X	X	X	X	X	X	X	035-	
1/29/08	1620	FBI	3	DW	HCL G	X	X	X	X	X	X	X	X	X	X	X	036-	
1/29/08	-	Trinity K. 12508	3	DW	HCL G	X	X	X	X	X	X	X	X	X	X	X	037-012908	
1/29/08	-		3	DW	HCL G	X	X	X	X	X	X	X	X	X	X	X		
1/29/08	-		3	DW	HCL G	X	X	X	X	X	X	X	X	X	X	X		
1/29/08	-		3	DW	HCL G	X	X	X	X	X	X	X	X	X	X	X		

**Comments:**  
 \*\*ANALYSIS PER USEPA METHOD 524.2

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Shipped \_\_\_\_\_ Hand Delivered \_\_\_\_\_  
 Relinquished BY: [Signature] Date: 1/29/08 Time: 1650  
 Relinquished BY: [Signature] Date: 1/29/08 Time: 1720

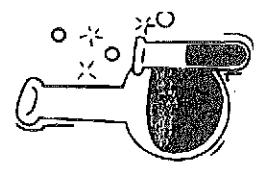
# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.  
 Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

## CHAIN OF CUSTODY

**Special Requirements**  
 PA DEP ASTM TCLP  
 RCRA UST FORM J  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT FRESH'S DAY NORMAL



PROJECT: 27058

Location Sample Description	Date Sampled	Time Sampled
STONING B - JAN 08	1/30/08	0900
KING H - JAN 08	1/30/08	0930
DISCONABE M - JAN 08	1/30/08	1000
LUPINI M - JAN 08	1/30/08	1030
MALINOWSKI K - JAN 08	1/30/08	1100
RAHEL P - JAN 08	1/30/08	1130
KYAKH J - JAN 08	1/30/08	1400
SINADRA B - JAN 08	1/30/08	1530
FB-1.01.30.08	1/30/08	0800
BARBARA 1.9.30.08	1/30/08	#

Comments: \* SEE DATA SHEETS FOR TANK # LOCATION

Phone: (570) 489-6964 Page 1 of 2  
 Fax: (570) 489-6965

Report to: PENNSYLVANIA TECTONICS INC  
 326 MAIN STREET  
 PECKVILLE PA 18452

Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961

Bill to: PENNSYLVANIA TECTONICS INC  
 326 MAIN STREET  
 PECKVILLE PA 18452

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other

Matrix	# of Cont / Size	P - Plastic		CG - Glass		AG - Amber Glass		O - Other		PO #
		FRSV / Cont Type	Grab / Composite	ULTRAB	1/4" - 1/8"	1/8" - 1/4"	1/4" - 1/8"	1/8" - 1/4"	1/4" - 1/8"	
DW	3	HCL G	X	X	X	X	X	X	X	024-013008
DW	3	HCL G	X	X	X	X	X	X	X	025-
DW	3	HCL G	X	X	X	X	X	X	X	026-
DW	3	HCL G	X	X	X	X	X	X	X	027-
DW	3	HCL G	X	X	X	X	X	X	X	028-
DW	3	HCL G	X	X	X	X	X	X	X	029-
DW	3	HCL G	X	X	X	X	X	X	X	030-
DW	3	HCL G	X	X	X	X	X	X	X	031-
DW	3	HCL G	X	X	X	X	X	X	X	032-
DW	3	HCL G	X	X	X	X	X	X	X	033-

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

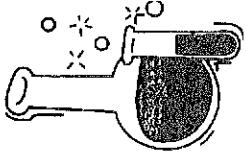
Received By: Paul Plunk Date: 1-30-08 Time: 1:55  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
824 Enterprise Street  
Dickson City, PA 18519-1593



## CHAIN OF CUSTODY

### Special Requirements

PA DEP ASTM TOLP  
RCRA UST FORM U  
FORM 43

Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

TRIP RUSH SW NORMAL

PROJECT: 27058

Location  
Sample Description

TRIP SHOCK - D.C. 01.30.08 / 134990800 DE

Date Sampled  
Time Sampled

Matrix  
# of Cont / Size

Grab / Composite  
PRSV / Cont Type

ANALYSIS TO BE PERFORMED

Invoice #

Quantum ID

### Comments:

Sample: TRIP SHOCK  
Relinquished By: [Signature] Date: 1/30/08 Time: 15:55  
Relinquished By: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_

Shipped \_\_\_\_\_  
Date: 1/30/08 Time: 15:55  
Received By: [Signature] Date: 1-30-08 Time: 15:55

Hand Delivered \_\_\_\_\_  
Intact Containers Y N  
COC Complete Y N  
Properly Preserved Y N  
Labels Match COC Y N  
Rec'd on Ice Y N

Within Holding Times Y N  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

Phone: (570) 489-6964

Page 2 of 2

Fax: (570) 489-6965

Report to: Pennsylvania Technologies, Inc.

826 Main Street

Peckville, PA 18452

Contact: Marcus Galsalou

Phone: 570-482-7379 Fax: 570-482-1961

Bill to: Pennsylvania Technologies, Inc.

826 Main St.

Peckville, PA 18452

PO #

O - Other

AG - Amber Glass

CG - Glass

P - Plastic

ANALYSIS TO BE PERFORMED

Invoice #

Quantum ID

Private Well Sampling Analytical Data Sheets

February 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 29, 2008

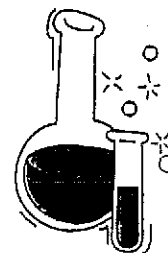
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 21-Feb-08  
Sample Time: 11:15  
Sampled By: client  
Received By: VR  
Date Received: 21-Feb-08  
Time Received: 16:05

Parameter	Result	Units	Method	Analyzed
<b>Makala.B-Feb08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 29, 2008

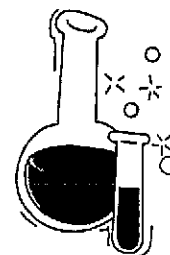
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 21-Feb-08  
Sample Time: 12:10  
Sampled By: client  
Received By: VR  
Date Received: 21-Feb-08  
Time Received: 16:05

Parameter	Result	Units	Method	Analyzed
<b>Mateuse.R-Feb08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 29, 2008

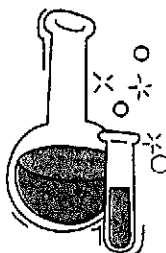
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: DI Water  
Sample Date: 21-Feb-08  
Sample Time: n/a  
Sampled By: client  
Received By: VR  
Date Received: 21-Feb-08  
Time Received: 16:05

Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.KC.2/21/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Feb-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Feb-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Feb-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Feb-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964** **FAX: (570) 489-6965**



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
824 Enterprise Street  
Dickson City, PA 18519-1593

Phone: (570) 489-6964 Fax: (570) 489-6965

Page 1 of 1

**CHAIN OF CUSTODY**

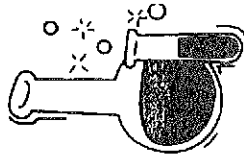
Special Requirements  
PA DEP ASTM TCLP  
RCRA UST FORM U  
FORM 43

Other \_\_\_\_\_  
pH \_\_\_\_\_ Temp \_\_\_\_\_  
TAT: RUSH 5-DAY NORMAL

Report to: PENNSYLVANIA TECHNOLOGICS  
826 MAIN STREET  
PECKVILLE PA 18452

Contact: MARVIN G. GILLON  
Phone: 484.1959 Fax: 484.1961

Bill to: PENNSYLVANIA TECHNOLOGICS  
826 MAIN STREET  
PECKVILLE PA 18452



Sample Description	Location	Date Sampled	Time Sampled	# of Cont / Size	Matrix	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED			Invoice #	PO #	
								CG - Glass	AG - Amber Glass	O - Other			
HAUNA B - FEB08		2-21-08	11:5	4	GC	GC	X	X	X	13.5-748	13.5-748	0364-007108	10122
MAYLOR R - FEB08		2-21-08	12:0	4	DW	GC	X	X	X	124-748		035	
TIPPAH KC 2/21/08		2-21-08	12:0	1	GC	GC	X	X	X	124-748		036	

**Comments:** \*ANALYSIS PER USEPA METHOD 524.2

Sample: HAUNA B

Relinquished By: MARVIN GILLON Date: 2-21-08 Time: 16:55

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: 3/11/08 Time: 16:5

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Intact Containers Y N Within Holding Times Y N  
COC Complete Y N Labels Match COC Y N  
Properly Preserved Y N Rec'd on Ice Y N

Private Well Sampling Analytical Data Sheets

March 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

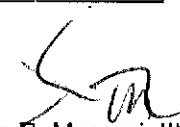
## ANALYTICAL REPORT

March 21, 2008

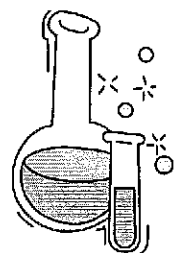
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 03-Mar-08  
Sample Time: 11:30  
Sampled By: client  
Received By: VR  
Date Received: 04-Mar-08  
Time Received: 13:55

Parameter	Result	Units	Method	Analyzed
<b>MAZUR.M- Mar08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**





# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

March 21, 2008

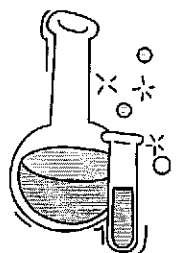
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: 29-Feb-08  
Sample Time: n/a  
Sampled By: client  
Received By: VR  
Date Received: 04-Mar-08  
Time Received: 13:55

Parameter	Result	Units	Method	Analyzed
<b>Trip Blank</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

March 21, 2008

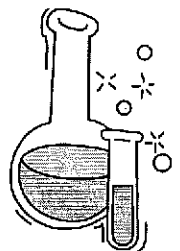
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: 03-Mar-08  
Sample Time: 11:30  
Sampled By: client  
Received By: VR  
Date Received: 04-Mar-08  
Time Received: 13:55

Parameter	Result	Units	Method	Analyzed
<b>Trip Blank-DC- 3/3/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965**



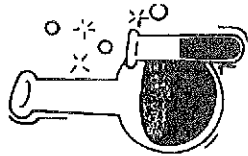
**CHAIN OF CUSTODY**

**Special Requirements**

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH IS A 44 NORMAL

PROJECT: 27058.08



Date Sampled	Time Sampled
3/16/08	1:30
3/16/08	1:30
3/17/08	

**Location  
Sample Description**

\*MAZUR. M - MAE08  
 \*REPUBLIC, DC, 30608  
 Top Blank

Matrix	# of Cont / Size	PRSV / Cont Type	ANALYSIS TO BE PERFORMED			
			P - Plastic	CG - Glass	AG - Amber Glass	O - Other
DW	4	HCL 6	X	X		
DW	4	HCL 6	X	X		
DW	1	HCL 6	X	X		

Grab / Composite	ANALYSIS TO BE PERFORMED				PO #
	P - Plastic	CG - Glass	AG - Amber Glass	O - Other	
Grab	X	X			128310152
Composite	X	X			

Comments: SAMPLES PRESERVED IN FIELD WITH HCL.

ANALYSIS PER USEPA 504.2. NOT SAMPLED CORRECTLY

Sampler: D. Carls  
 Shipped (Hand Delivered)

Relinquished By: [Signature]  
 Date: 3/16/08 Time: 1:35

Relinquished By: [Signature]  
 Date: 3/16/08 Time: 1:55

Phone: (570) 489-6964  
 Report to: PENNSYLVANIA TECTONICS

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

3210 MAIN STREET  
 PECKVILLE PA 18453  
 Contact: MARTIN GILBALLON  
 Phone: 487-1959 Fax: 487-1901  
 Bill to: PENNSYLVANIA TECTONICS  
 3210 MAIN STREET  
 PECKVILLE PA 18453

Page \_\_\_\_\_ of \_\_\_\_\_

Fax: (570) 489-6965

Intact Containers	Y	N	Within Holding Times	Y	N
COC Complete	X		Labels Match COC	Y	N
Properly Preserved	Y		Rec'd on Ice	Y	N

Date: 3/16/08 Time: 1:55

Date: \_\_\_\_\_ Time: \_\_\_\_\_

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


March 24, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

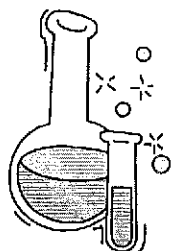
Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Mar-08  
Sample Time: 8:45  
Sampled By: client  
Received By: VR  
Date Received: 18-Mar-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Bright.B-Mar.08</b>				
MTBE	0.24 E	ug/L	EPA 524.2	24-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08

E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

March 24, 2008

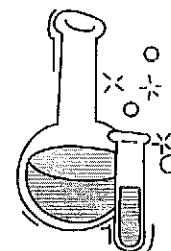
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Mar-08  
Sample Time: 11:45  
Sampled By: client  
Received By: VR  
Date Received: 18-Mar-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Errigo.Doris-Mar.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	24-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

March 24, 2008

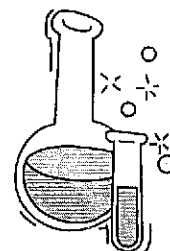
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Mar-08  
Sample Time: 12:15  
Sampled By: client  
Received By: VR  
Date Received: 18-Mar-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Errigo.GreenGrove-Mar.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	24-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

March 24, 2008

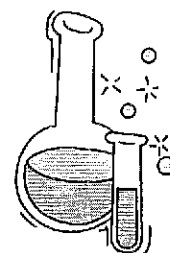
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Mar-08  
Sample Time: 11:30  
Sampled By: client  
Received By: VR  
Date Received: 18-Mar-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Errigo.Hermel-Mar.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	24-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

March 24, 2008

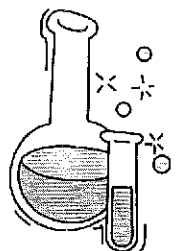
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Mar-08  
Sample Time: 16:10  
Sampled By: client  
Received By: VR  
Date Received: 18-Mar-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Jones.K-Mar.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	24-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**





# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

March 24, 2008

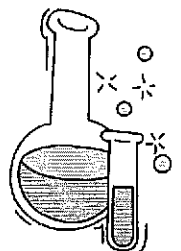
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Mar-08  
Sample Time: 7:40  
Sampled By: client  
Received By: VR  
Date Received: 18-Mar-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Kaszuba.R-Mar.08</b>				
MTBE	0.93	ug/L	EPA 524.2	24-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

March 24, 2008

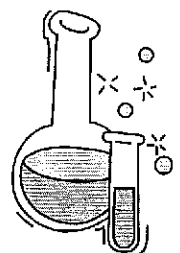
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Mar-08  
Sample Time: 14:05  
Sampled By: client  
Received By: VR  
Date Received: 18-Mar-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Kropiewnicki.B-Mar.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	24-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


March 24, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

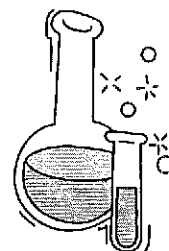
Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Mar-08  
Sample Time: 10:35  
Sampled By: client  
Received By: VR  
Date Received: 18-Mar-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Telesz.A-Mar.08</b>				
MTBE	0.5	ug/L	EPA 524.2	24-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08

E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964** **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

March 24, 2008

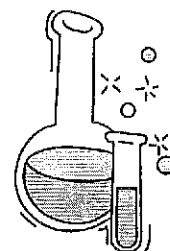
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: VR  
Date Received: 18-Mar-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Trip Blank</b>				
MTBE	< 0.5	ug/L	EPA 524.2	24-Mar-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Mar-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Mar-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Mar-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965**



# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH NORMAL

PROJECT: 27058.02

## Location Sample Description

KARZUBA, B - MAR. 08	3-18-08 0740	DW	4
BRIGHT, B - MAR. 08	3-18-08 0845	DW	4
TELESZ, A - MAR. 08	3-18-08 1035	DW	4
LEWIS, KERNAL - MAR. 08	3-18-08 1130	DW	4
LEWIS, DORIS - MAR. 08	3-18-08 1145	DW	4
LEWIS, GREENGROVE - MAR. 08	3-18-08 1215	DW	4
KROPIWNIKI, B - MAR. 08	3-18-08 1405	DW	4
JONES, K. MAR. 08	3-18-08 1610	DW	4
TRIPBLIK	3-18-08 1700	SS	20

Comments: NCL added in field.

ANALYSIS PER USEPA METHOD 824.0

Sampler: K. Collins

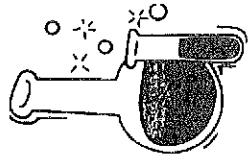
Relinquished By: K. Collins Date: 3-18-08 Time: 1435

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# QUANTUM

## ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593



DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other

Phone: (570) 489-6964 Page \_\_\_\_\_ of \_\_\_\_\_  
 Fax: (570) 489-6965

Report to: PENNSYLVANIA TECTONICS INC  
 820 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECTONICS INC  
 820 MAIN STREET  
 PECKVILLE PA 18452

Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED				Invoice #	PO #
				P - Plastic	CG - Glass	AG - Amber Glass	O - Other		
DW	4	Ascech 1.5L	G	X	X	X		010 - 031808	
DW	4	Ascech 1.5L	G	X	X	X		011	
DW	4	Ascech 1.5L	G	X	X	X		012	
DW	4	Ascech 1.5L	G	X	X	X		013	
DW	4	Ascech 1.5L	G	X	X	X		014	
DW	4	Ascech 1.5L	G	X	X	X		015	
DW	4	Ascech 1.5L	G	X	X	X		016	
DW	4	Ascech 1.5L	G	X	X	X		017 - 031808	
SS	20	** 20	G	X	X	X		018	

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Received By: \_\_\_\_\_ Date: 3/18/08 Time: 1735  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Private Well Sampling Analytical Data Sheets

April 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

April 21, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Apr-08  
Sample Time: 11:30  
Sampled By: client  
Received By: VR  
Date Received: 18-Apr-08  
Time Received: 12:45

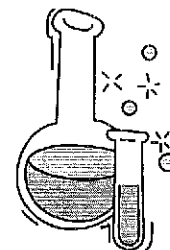
Parameter	Result	Units	Method	Analyzed
<b>PEREGROM BARN WELL- Apr 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	21-Apr-08
Benzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Toluene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Naphthalene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	21-Apr-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

April 21, 2008

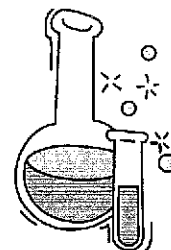
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: 18-Apr-08  
Sample Time: 11:30  
Sampled By: client  
Received By: VR  
Date Received: 18-Apr-08  
Time Received: 12:45

Parameter	Result	Units	Method	Analyzed
<b>Trip Blank- DC- 4.18.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	21-Apr-08
Benzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Toluene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Naphthalene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	21-Apr-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**





**CHAIN OF CUSTODY**

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593

**Special Requirements**

PA DEP ASTM TCLP?

RCRA UST FORM U

FORM 43

Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH \_\_\_\_\_

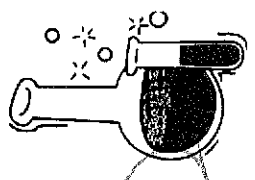
NORMAL

PROJECT: 2708202

Location  
Sample Description

Beeson Run Well - Apr 08 4/18/08 11:50  
Trap Blank-DL - 4.18.08 4/18/08 17:50

Date Sampled  
Time Sampled



Matrix

# of Cont / Size  
PRSV / Cont Type  
Grab / Composite

DW - Drinking Water  
GW - Ground Water  
SW - Surface Water  
WW - Waste Water  
SL - Sludge  
SO - Soil  
HZ - Hazardous  
Other

P - Plastic

CG - Glass

AG - Amber Glass

O - Other

PO #

ANALYSIS TO BE PERFORMED

Invoice #

Quantum ID

Comments: \* Supplied by MS

Sampler: J. Caporaso

Relinquished By: [Signature] Date: 4/18/08 Time: 12:24

Relinquished By: [Signature] Date: 4/18/08 Time: 12:45

Received By: [Signature] Date: 4/18/08 Time: 12:24

Received By: [Signature] Date: 4/18/08 Time: 12:45

Intact Containers Y N Within Holding Times Y N  
COC Complete Y N Labels Match COC Y N  
Properly Preserved Y N Rec'd on Ice Y N

Phone: (570) 489-6964

Fax: (570) 489-6965

Report to: Pennsylvania Tectonics, Inc.

826 Main St

Packville PA 18452

Contact: Maureen Gortalen

Phone: 570-487-1959 Fax: 570-487-1961

Bill to: Pennsylvania Tectonics, Inc.

826 Main St.

Packville PA 18452

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

April 21, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 15-Apr-08  
Sample Time: 8:30  
Sampled By: client  
Received By: VR  
Date Received: 15-Apr-08  
Time Received: 15:40

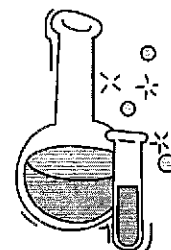
Parameter	Result	Units	Method	Analyzed
<b>MINELLI.M - Apr 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	21-Apr-08
Benzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Toluene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Naphthalene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	21-Apr-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

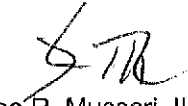
## ANALYTICAL REPORT

April 21, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: 15-Apr-08  
Sample Time: 8:30  
Sampled By: client  
Received By: VR  
Date Received: 15-Apr-08  
Time Received: 15:40

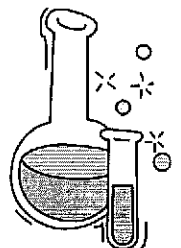
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank 4.14.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	21-Apr-08
Benzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Toluene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Naphthalene	< 0.5	ug/L	EPA 524.2	21-Apr-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	21-Apr-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	21-Apr-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



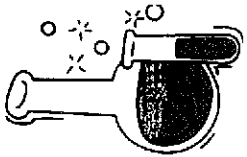
**CHAIN OF CUSTODY**

**Special Requirements**

PA DEP    ASTM    TC, P  
 RCRA    UST     FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH    **NORMAL**



**QUANTUM**

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

DW - Drinking Water    SL - Sludge  
 GW - Ground Water    SO - Soil  
 SW - Surface Water    HZ - Hazardous  
 WW - Waste Water    Other \_\_\_\_\_

PROJECT: 37058.02

Location Sample Description	Date Sampled	Time Sampled	# of Cont / Size	Matrix	PRSV / Cont Type	CG - Glass	AG - Amber Glass	O - Other	PO #	ANALYSIS TO BE PERFORMED				Invoice #	Quantum ID	
										Grab / Composite	INTENDED	1.5 TB	1.5 TB			1.5 TB
Miwelli, M - April 08	4/5/08	0830	4	DW	HCL 6	X	X	X		038-041508						
Tip Blank 4-14						X	X	X		039-041508						

Comments: SAMPLES PRESERVED IN FIELD W/ HCL  
 ANALYSIS PER USEPA 524.3  
 Sampler: M. G...  
 Relinquished By: \_\_\_\_\_ Date: 4/15/08 Time: 1540  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Intact Containers    Y    N    Within Holding Times    Y    N  
 COC Complete    Y    N    Labels Match COC    Y    N  
 Properly Preserved    Y    N    Rec'd on Ice    Y    N

Phone: (570) 489-6964    Page 1 of 1  
 Fax: (570) 489-6965  
 Report to: PENNSYLVANIA TECTONICS, INC.  
 320 MAIN STREET  
 PECKVILLE PA 18453  
 Contact: MARTIN GILGALLO  
 Phone: 487-1959    Fax: 487-1961  
 Bill to: PENNSYLVANIA TECTONICS, INC.  
 320 MAIN STREET  
 PECKVILLE PA 18453

Private Well Sampling Analytical Data Sheets

May 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 10:15  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

Parameter	Result	Units	Method	Analyzed
<b>Kropiewnicki.R - May-08</b>				
MTBE	0.25E	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

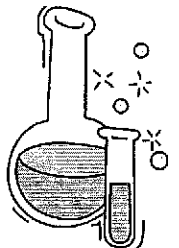
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

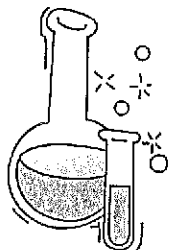
Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 16:02  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Makala.A- May 08</b>				
MTBE	0.23 E	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	1.8	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

E estimated value

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 16:30  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

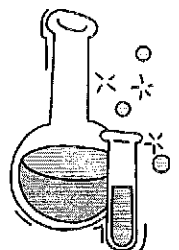
Parameter	Result	Units	Method	Analyzed
<b>Reynolds.B- Mar 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**





# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

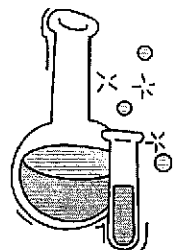
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 9:30  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Ritzco. R- Mar 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 7:40  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

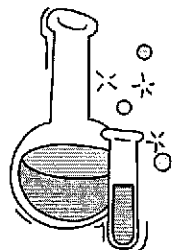
Parameter	Result	Units	Method	Analyzed
<b>Roman. A- Mar 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

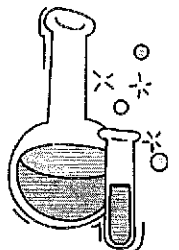
Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 16:27  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Rusyn. B- May 08</b>				
MTBE	0.18 E	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

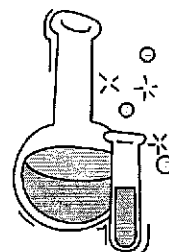
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 10:38  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Shervda.M-May 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 12:15  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Steinmetz.M- Mar 08</b>				
MTBE	0.21E	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

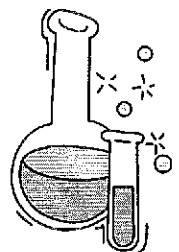
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 22-May-08  
Sample Time: 14:25  
Sampled By: client  
Received By: MN  
Date Received: 22-May-08  
Time Received: 14:15

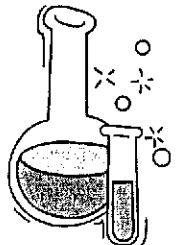
Parameter	Result	Units	Method	Analyzed
<b>Tokarz.F- May 08</b>				
MTBE	0.50	ug/L	EPA 524.2	30-May-08
Benzene	< 0.5	ug/L	EPA 524.2	30-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	30-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	30-May-08
Toluene	< 0.5	ug/L	EPA 524.2	30-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	30-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	30-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	30-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	30-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.


## ANALYTICAL REPORT

May 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: MN  
Date Received: 22-May-08  
Time Received: 14:15

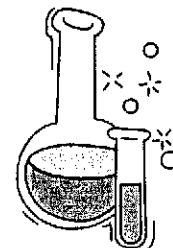
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank- May 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	30-May-08
Benzene	< 0.5	ug/L	EPA 524.2	30-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	30-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	30-May-08
Toluene	< 0.5	ug/L	EPA 524.2	30-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	30-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	30-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	30-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	30-May-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965



# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

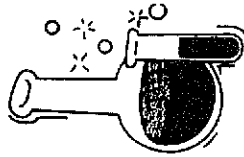
Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH NORMAL

PROJECT: 27058.02

## Location Sample Description

Sheridan, M. - May 08  
 Makala, A. - May 08  
 Rossyn, B. - May 08  
 Tric. Gen. L. IL. 5/16/08



Date Sampled  
 Time Sampled

Matrix

# of Cont / Size

PRSV / Cont Type

Grab / Composite

ANALYSIS TO BE PERFORMED

Invoice #

PO #

Quantum ID

Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	CG - Glass	AG - Amber Glass	O - Other	PO #
DW	4	HCL G	5	X			19267
DW	4	HCL G	5	X			001-050708
DW	4	HCL G	5	X			002
DI	2	-	-	X			004

## Comments:

\*Analysis Per USEPA Method 5042

Sampler: Jerry Luckaszyk

Shipped \_\_\_\_\_ / Hand Delivered \_\_\_\_\_

Relinquished By: Jerry Luckaszyk Date: 05/06/08 Time: 10:35

Received By: [Signature] Date: 5/6/08 Time: 18:35

Phone: (570) 489-6964 Page 1 of 1  
 Fax: (570) 489-6965

Report to: Pennsylvania Tectonics  
 826 Main Street  
 Peckville PA 18452

Contact: Martin Gidynan  
 Phone: 487-1959 Fax: 487-1966

Bill to: Pennsylvania Tectonics  
 826 Main Street  
 Peckville PA 18452

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N



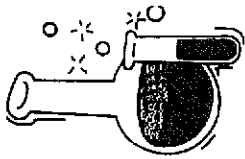
**CHAIN OF CUSTODY**

**Special Requirements**

PA DEP ASTM ; TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH (NORMAL)

PROJECT: 27058.02



Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	CG - Glass	AG - Amber Glass	O - Other	PO #
ROMAN, A - MAR 08	3/26/08	0740	DW	4	12L ASBESTOS	6	X			15268
RITZCO R - MAR 08	3/26/08	0930	DW	4	12L ASBESTOS	6	X			
STRINNETZ, M - MAR 08	3/26/08	0935	DW	4	12L ASBESTOS	6	X			
SEMPER, B - MAR 08	3/26/08	1030	DW	4	12L ASBESTOS	6	X			
TOP BLK. KC - 5/6/08	--	--	DE	1	--	--	X			

Comments: TOP BLK PIPED BY LAB  
 \* ANALYSIS PER USEPA METHOD 524.2  
 Sampler: K. C. ...  
 Relinquished By: *[Signature]* Date: 5/6/08 Time: 1645  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

**QUANTUM**

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

INVOICE #	Quantum ID	Intact Containers	COC Complete	Property Preserved	Within Holding Times	Labels Match	Rec'd on Ice
041-050608		Y	Y	Y	N	Y	Y
042							
043							
044							
045							

Phone: (570) 489-6964 Page 1 of 1 Fax: (570) 489-6965

Report to: Pennsylvania Technics  
 826 MAIN STREET  
 REDEVILLE PA 18452

Contact: MARTIN GILMAN  
 Phone: 487.1959 Fax: 487.1961

Bill to: PENNSYLVANIA TECHNOLOGIES  
 826 MAIN STREET  
 REDEVILLE PA 18452

**CHAIN OF CUSTODY**

Special Requirements

PA DEP ASTM TCLP

RCRA UST FORM U

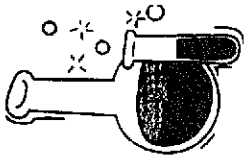
FORM 43

Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH  NORMAL

PROJECT: 27058-02



Location  
Sample Description

Wesleyville, PA - HWS

Wesleyville, PA - HWS

Date Sampled Time Sampled

5/9/08 10:05

---

Comments: Field Blank Prepared by Lab. (S)

\* Analysis Per USEPA Method 821.2

Sampler: K. C. Cavanagh

Relinquished By: K. C. Cavanagh

Relinquished By: \_\_\_\_\_

Date: 5.7.08 Time: 11:40

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Scripped  Hand Delivered

Received By: *Keith Blacker*

Received By: \_\_\_\_\_

Date: 7-28 Time: 11:45

Date: \_\_\_\_\_ Time: \_\_\_\_\_

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

Phone: (570) 489-6964

Report to: PENNSYLVANIA TECTONICS INC

824 Main Street

Peckville PA 18452

Contact: MARTIN GILGALLON

Phone: 487-1959 Fax: 487-1961

Bill to: PENNSYLVANIA TECTONICS INC

824 Main Street

Peckville PA 18452

Page 1 of 1

Fax: (570) 489-6965

PO # \_\_\_\_\_

O - Other \_\_\_\_\_

AG - Amber Glass \_\_\_\_\_

CG - Glass \_\_\_\_\_

P - Plastic \_\_\_\_\_

Matrix \_\_\_\_\_

# of Cont / Size

PRSV / Cont Type

Grab / Composite

ANALYSIS TO BE PERFORMED

Invoice #

Quantum ID

01214-748 X  
 01215-748 X  
 039-050708 X  
 039-050708 X

6 X  
 2 X

DW  
 DE

Intact Containers	Y	N	Within Holding Times	Y	N
COC Complete	Y	N	Labels Match COC	Y	N
Properly Preserved	Y	N	Rec'd on Ice	Y	N

**CHAIN OF CUSTODY**

**Special Requirements**

PA DEP ASTM TCLP  
 RCFA USE FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH \_\_\_\_\_ [NORMAL]

PROJECT: 27053.02

**Location Sample Description**

TOKARZ, F-MAV 08  
 Trip Blank - May 08

Date Sampled \_\_\_\_\_  
 Time Sampled \_\_\_\_\_

Matrix

# of Cont / Size  
 PRSV / Cont Type  
 Grab / Composite

P - Plastic  
 CG - Glass  
 AG - Amber Glass  
 O - Other

PO #

ANALYSIS TO BE PERFORMED

Invoice #

Quantum ID

Comments: TRIP BLANK PREPARED BY LAB.

ANALYSIS PER USEPA METHOD 524.2

Sampler: Terry Luchansky

Relinquished By: Jerry Dubler

Relinquished By:

Date: 5/27/08

Date:

Shipped

Hand Delivered

Received By: Wendy Nagy

Received By:

Date: 5/29/08

Date:

Intact Containers Y N Within Holding Times Y N

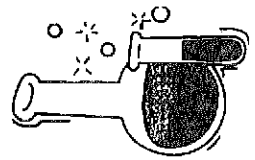
COC Complete Y N Labels Match COC Y N

Properly Preserved Y N Rec'd on Ice Y N

**QUANTUM**

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593



DW - Drinking Water  
 GW - Ground Water  
 SW - Surface Water  
 WW - Waste Water

SL - Sludge  
 SO - Soil  
 HZ - Hazardous  
 Other

Phone: (570) 489-6964

Report to: PENNSYLVANIA TECTONICS INC

826 MAIN STREET

PECKVILLE PA 18452

Contact: MARTIN GILBALLON

Phone: 487-1959 Fax: 487-1961

Bill to: PENNSYLVANIA TECTONICS INC.

826 MAIN STREET

PECKVILLE PA 18452

Private Well Sampling Analytical Data Sheets

June 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 17-Jun-08  
Sample Time: 10:00  
Sampled By: client  
Received By: JRM  
Date Received: 17-Jun-08  
Time Received: 17:20

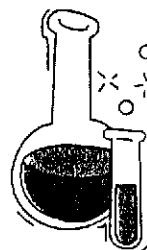
Parameter	Result	Units	Method	Analyzed
<b>Gallis.J- Jun 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08

  
Joe R. Mussart, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 14:04  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

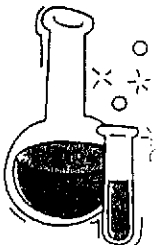
Parameter	Result	Units	Method	Analyzed
<b>Judge.P. May 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 17-Jun-08  
Sample Time: 7:09  
Sampled By: client  
Received By: JRM  
Date Received: 17-Jun-08  
Time Received: 17:20

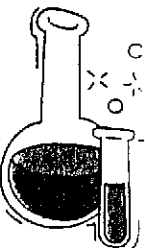
Parameter	Result	Units	Method	Analyzed
<b>Kovack. J- Jun 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 17-Jun-08  
Sample Time: 8:33  
Sampled By: client  
Received By: JRM  
Date Received: 17-Jun-08  
Time Received: 17:20

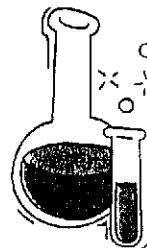
Parameter	Result	Units	Method	Analyzed
<b>Polacek.R- Jun 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**





# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

June 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 20-Jun-08  
Sample Time: 9:12  
Sampled By: client  
Received By: VR  
Date Received: 20-Jun-08  
Time Received: 11:45

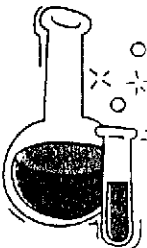
Parameter	Result	Units	Method	Analyzed
<b>Taxidermy- Jun 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 17-Jun-08  
Sample Time: 10:31  
Sampled By: client  
Received By: JRM  
Date Received: 17-Jun-08  
Time Received: 17:20

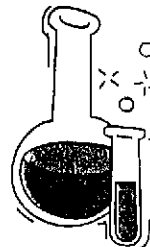
Parameter	Result	Units	Method	Analyzed
<b>Thomas.E- Jun 08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

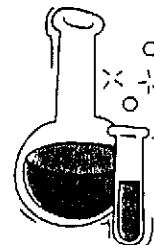
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank2.J.L. 6/4/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# CHAIN OF CUSTODY

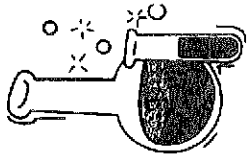
## Special Requirements

PA DEP ASTM TCLP  
 RCRA USE FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH NORMAL

PROJECT: 27059.02



## Location Sample Description

Indec. P. May 05  
 Trip Blk. CASL. 6/1/08

Date Sampled  
 Time Sampled

Matrix

# of Cont / Size

PRSV / Cont Type  
 Grab / Composite

P - Plastic  
 CG - Glass  
 AG - Amber Glass  
 O - Other

## ANALYSIS TO BE PERFORMED

Invoice #

PO #

Quantum ID

049-060408 ✓  
 050-060408 ✓

## Comments:

\* Analysis per USEPA Method 524.2

Sampler: Jerry Buchholz

Date: 6/1/08 Time: 1545

Received By: Mandy Noyes

Date: 6/4/08 Time: 1548

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Phone: (570) 489-6964

Page \_\_\_\_\_ of \_\_\_\_\_

Report to: PENNSYLVANIA TECTONICS INC

826 MAIN STREET

PECKVILLE PA 18452

Contact: MARTIN GILGALLON

Phone: 487-1959 Fax: 487-1961

Bill to: PENNSYLVANIA TECTONICS INC

826 MAIN STREET

PECKVILLE PA 18452

DW - Drinking Water SL - Sludge

GW - Ground Water SO - Soil

SW - Surface Water HZ - Hazardous

WW - Waste Water Other

## ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593

# QUANTUM

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: 19-Jun-08  
Sample Time: 1:30  
Sampled By: client  
Received By: VR  
Date Received: 20-Jun-08  
Time Received: 11:45

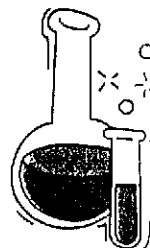
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank **</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



**CHAIN OF CUSTODY**

Special Requirements

HA DEF AST:J TOLP  
 FCTA UST FORM U

FORM 43

Other: \_\_\_\_\_

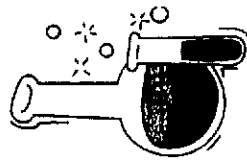
pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH NORMAL

PROJECT: **27058.02**

Location  
 Sample Description

TAXIDERM - JUN 08  
 Trip Blank \*



Date Sampled  
 Time Sampled

6/20/08 0912  
 6/19/08 1300

Matrix

DW  
 DI

# of Cont / Size

4  
 3

PRSV / Cont Type  
 Grab / Composite

HCL G  
 HCL G

ANALYSIS TO BE PERFORMED

UNLEADED \*  
 GASOLINE \*  
 1,4,4-IMB  
 1,3,5-IMB

X  
 X  
 X  
 X

P - Plastic CG - Glass AG - Amber Glass O - Other

Invoice #

Quantum ID

030-062008  
 031-

**Comments:**

\*ANALYSIS PER USEPA METHOD 524.2. \*\* 640 3340

Sampler: **M. Gilgallon**

Shipped Grand Delivered

Relinquished By:

Date: 6/20/08 Time: 1135

Received By: *Suzanne Nawak*

Date: 6/20/08 Time: 1135

Relinquished By:

Date: 6/20/08 Time: 1145

Received By: *[Signature]*

Date: 6/20/08 Time: 1145

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

Phone: (570) 489-6964

Fax: (570) 489-6965

Page 1 of 1

Report to: **PENNSYLVANIA TECHNOLOGIES INC**

**826 MAIN STREET**

**PECKVILLE PA 18452**

Contact: **MARTIN GILGALLON**

Phone: **487-1959** Fax: **487-1961**

Bill to: **PENNSYLVANIA TECHNOLOGIES INC**

**826 MAIN STREET**

**PECKVILLE PA 18452**

DW - Drinking Water SL - Sludge

GW - Ground Water SO - Soil

SW - Surface Water HZ - Hazardous

WW - Waste Water Other

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Received By: *[Signature]* Date: 6/20/08 Time: 1135

Received By: *[Signature]* Date: 6/20/08 Time: 1145

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: JRM  
Date Received: 17-Jun-08  
Time Received: 17:20

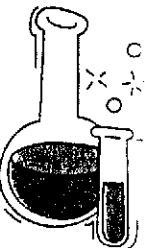
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.JL-1</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



**CHAIN OF CUSTODY**

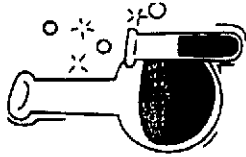
**Special Requirements**

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH NORMAL

PROJECT: 27058.02



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

Phone: (570) 489-6964

Fax: (570) 489-6965

Report to: Pennsylvania Tectonics  
 826 Main Street  
 Peckville PA 18452

Contact: Martin Gilgallon

Phone: 487.1959 Fax: 487.1961

Bill to: Pennsylvania Tectonics  
 826 Main Street  
 Peckville PA 18452

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

P - Plastic CG - Glass AG - Amber Glass O - Other PO #

Date Sampled	Time Sampled	Location Sample Description	# of Cont / Size	Matrix	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED				Invoice #	Quantum ID
							Unleaded #	Lead	Cadmium	Mercury		
6/17/08	0709	Kovack, J - Jun 08	4	DW	HCL G	X	X	X	X	1,3,4-TMB	1,3,5-TMB	022-061908
6/17/08	0833	Polacek, R - Jun 08	4	DW	HCL G	X	X	X	X			023-
6/17/08	1000	Gallis, J - Jun 08	4	DW	HCL G	X	X	X	X			024-
6/17/08	1031	Thomas, E - Jun 08	4	DW	HCL G	X	X	X	X			025-
--	--	Trip Blank, J.L-1	2	DF	--	X	X	X	X			026- ↓

**Comments:**

\* Analysis Per USEPA Method 524.2

Sampler: Jerry Luchinsky

Relinquished By: Jerry Luchinsky

Relinquished By: \_\_\_\_\_

Shipped \_\_\_\_\_ / Hand Delivered \_\_\_\_\_

Date: 6/17/08 Time: 1720

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: *[Signature]*

Date: 6-17-08 Time: 17:20



Private Well Sampling Analytical Data Sheets

July 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 7:35  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

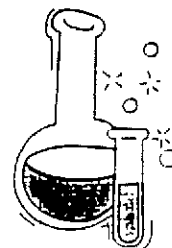
Parameter	Result	Units	Method	Analyzed
<b>Backo.F- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 9:35  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

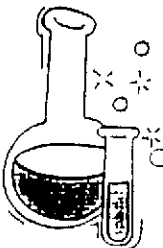
Parameter	Result	Units	Method	Analyzed
<b>Binner.J- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
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ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

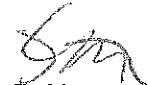
## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 30-Jul-08  
Sample Time: 9:35  
Sampled By: client  
Received By: VR  
Date Received: 30-Jul-08  
Time Received: 16:50

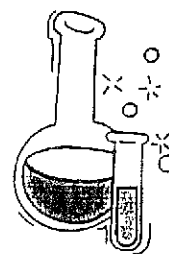
Parameter	Result	Units	Method	Analyzed
<b>Borgna's Body Shop.Jul08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08

  
Joe R. Mussari, III  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 10:35  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

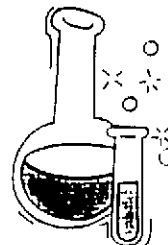
Parameter	Result	Units	Method	Analyzed
<b>Borgna.F- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 13:35  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

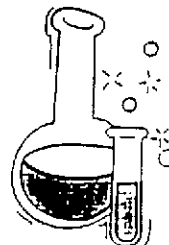
Parameter	Result	Units	Method	Analyzed
<b>Botke.K- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
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ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 30-Jul-08  
Sample Time: 10:40  
Sampled By: client  
Received By: VR  
Date Received: 30-Jul-08  
Time Received: 16:50

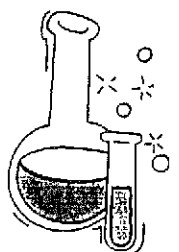
Parameter	Result	Units	Method	Analyzed
<b>Briggs.S-Jul08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

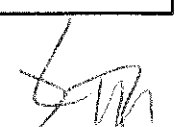
## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 11:13:05  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

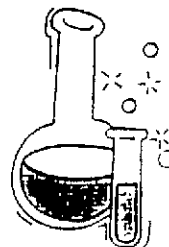
Parameter	Result	Units	Method	Analyzed
<b>DeSavino.S- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 29, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 16:35  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

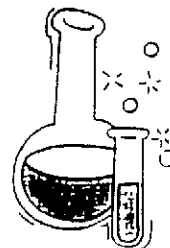
Parameter	Result	Units	Method	Analyzed
<b>Edwards.G- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 29, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 8:05  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

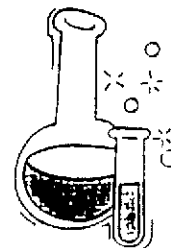
Parameter	Result	Units	Method	Analyzed
<b>Golzak.R- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
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## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 9:05  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

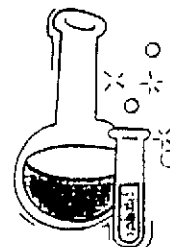
Parameter	Result	Units	Method	Analyzed
<b>Kuzmick.R- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT

July 29, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 8:35  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

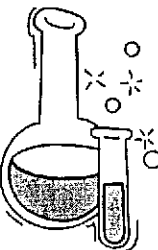
Parameter	Result	Units	Method	Analyzed
<b>Materazzi.R- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
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## ANALYTICAL REPORT

July 29, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 7:05  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

Parameter	Result	Units	Method	Analyzed
<b>Matkosky.T- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
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Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 15:35  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

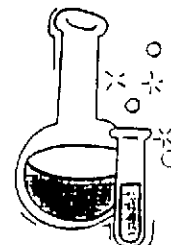
Parameter	Result	Units	Method	Analyzed
<b>Meoni.Residence- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
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Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 17:20  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

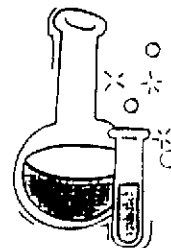
Parameter	Result	Units	Method	Analyzed
<b>Sheerin.J- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 11:35  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

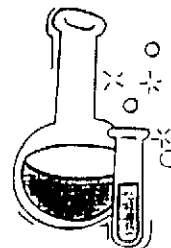
Parameter	Result	Units	Method	Analyzed
<b>Steier.J- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

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FAX: (570) 489-6965





# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.


## ANALYTICAL REPORT

August 11, 2008

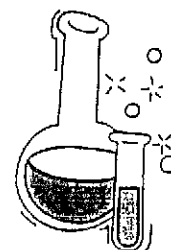
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 30-Jul-08  
Sample Time: 11:10  
Sampled By: client  
Received By: VR  
Date Received: 30-Jul-08  
Time Received: 16:50

Parameter	Result	Units	Method	Analyzed
<b>Tomasovitch.J-Jul08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593  
PHONE: (570) 489-6964 FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

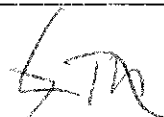
## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 14:05  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

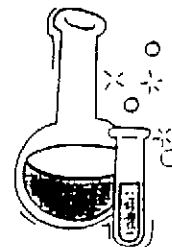
Parameter	Result	Units	Method	Analyzed
<b>White.P- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 28-Jul-08  
Sample Time: 16:05  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

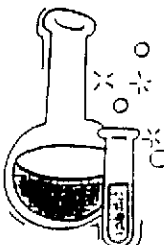
Parameter	Result	Units	Method	Analyzed
<b>Yantorn.J- Jul.08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 29, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: JRM  
Date Received: 28-Jul-08  
Time Received: 17:35

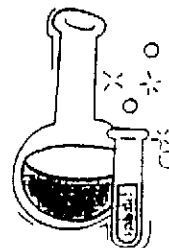
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.KC.7-28-08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	29-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	29-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	29-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	29-Jul-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965



**CHAIN OF CUSTODY**

**Special Requirements**

PA DEP ASTM TCLP

RCRA LST FORM J

FORM 43

Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH \_\_\_\_\_ NORMAL

PROJECT: 27058.07

**Location**

**Sample Description**

Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED	Invoice #	PO #
7/28/08 0705		DW	4	MCL Asstest	G	X X X X	018-072308	10379
7/28/08 0735		DW	4	MCL Asstest	G	X X X X	019	
7/28/08 0805		DW	4	MCL Asstest	G	X X X X	020	
7/28/08 0835		DW	4	MCL Asstest	G	X X X X	020	
7/28/08 0905		DW	4	MCL Asstest	G	X X X X	022	
7/28/08 0765		DW	4	MCL Asstest	G	X X X X	023	
7/28/08 1005		DW	4	MCL Asstest	G	X X X X	024	
7/28/08 1035		DW	4	MCL Asstest	G	X X X X	025	
7/28/08 1135		DW	4	MCL Asstest	G	X X X X	026	
7/28/08 1305		DW	4	MCL Asstest	G	X X X X	027	

**Comments:**

\* Analysis per USEPA Method 524.2

Sampler: K. Curran

Shipped

Hand Delivered

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Relinquished By: \_\_\_\_\_

Date: 7/28/08 Time: 1735

Received By: \_\_\_\_\_

Date: 7/28/08 Time: 17:35

Relinquished By: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_

Date: 7/28/08 Time: 17:35

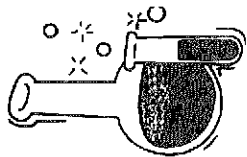
**QUANTUM**

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593



DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other

P - Plastic CG - Glass AG - Amber Glass O - Other

Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED	Invoice #	PO #
DW	4	MCL Asstest	G	X X X X	018-072308	10379
DW	4	MCL Asstest	G	X X X X	019	
DW	4	MCL Asstest	G	X X X X	020	
DW	4	MCL Asstest	G	X X X X	020	
DW	4	MCL Asstest	G	X X X X	022	
DW	4	MCL Asstest	G	X X X X	023	
DW	4	MCL Asstest	G	X X X X	024	
DW	4	MCL Asstest	G	X X X X	025	
DW	4	MCL Asstest	G	X X X X	026	
DW	4	MCL Asstest	G	X X X X	027	

Phone: (570) 489-6964

Fax: (570) 489-6965

Page 1 of 2

Report to: PENNSYLVANIA TECHNICS

826 MAIN STREET

PECKVILLE PA 18452

Contact: MARY GIGLIOLINI

Phone: 489.1959 Fax: 489.1961

Bill to: PENNSYLVANIA TECHNICS

826 MAIN STREET

PECKVILLE PA 18452

**CHAIN OF CUSTODY**

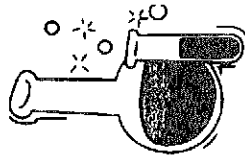
**Special Requirements**

PA DEP ASTM TCLP  
 RCRA UST FORM J  
 FORM 48

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH NORMAL

PROJECT: 27058.02



Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	Analysis to be performed	Invoice #	PO #
BOTTS, K - Jul. 08	7-28-08	1335	DW	4	MCL Ascol	G	1.2.4-TMB 1.3.5-TMB	028	10378
WHITS, P. - Jul. 08	7-28-08	1405	DW	4	MCL Ascol	G		029	
Miami, Residence - Jul. 08	7-28-08	1535	DW	4	MCL Ascol	G		030	
YANTOEN, J. - Jul. 08	7-28-08	1605	DW	4	MCL Ascol	G		031	
EDWARDS, G. - Jul. 08	7-28-08	1635	DW	4	MCL Ascol	G		032	
SHEESIN, J. - Jul. 08	7-28-08	1720	DW	4	MCL Ascol	G		033	
TEMPERLEY, K.C. - Jul. 28. 08	--	--	--	--	--	--		034	

Comments: \* ANALYSIS PER USEPA METHOD 524.2

TRIP SLIP PREPARED BY CAN

Sampler: K. COOPER

Relinquished By: *[Signature]*

Relinquished By: \_\_\_\_\_

Date: 7-28-08 Time: 1735

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Shipped  Hand Delivered

Received By: *[Signature]*

Received By: \_\_\_\_\_

Date: \_\_\_\_\_

Date: 7-28-08

Time: \_\_\_\_\_

Time: 17:35

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

P - Plastic CG - Glass AG - Amber Glass O - Other  
 ANALYSIS TO BE PERFORMED

Intact Containers	Y	N	Within Holding Times	Y	N
COC Complete	Y	N	Labels Match	Y	N
Properly Preserved	Y	N	Rec'd on Ice	Y	N

Report to: PENNSYLVANIA TECTONICS  
 826 MAIN STREET  
 ROCKWILE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487.1959 Fax: 487.1901  
 Bill to: PENNSYLVANIA TECTONICS  
 826 MAIN STREET  
 ROCKWILE PA 18452

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: n/a  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: VR  
Date Received: 30-Jul-08  
Time Received: 16:50

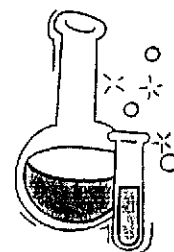
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.KC.7/30/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965

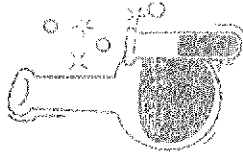


# CHAIN OF CUSTODY

## Special Requirements

PA DEP: ASTM TCLP  
 TORA: USE FORVU  
 ICRH 15

Client: \_\_\_\_\_  
 pH: \_\_\_\_\_  
 TAP: \_\_\_\_\_



PROJECT: 27058.02

## Location Sample Description

Borgway's Body Shop - Jul 08 7:30 AM  
 Briggs S - Jul 08 7:30 AM  
 TOMASVITZ H. J. - Jul 08 7:30 AM  
 TWP BLACK KC 7/30/08

Date Sampled  
 Time Sampled

Matrix  
 # of Cont / Size

PRSV / Cont Type  
 Grab / Composite

UNKAGED #  
 GASEOUS

P - Plastic CG - Glass AG - Amber Glass O - Other PO #

ANALYSIS TO BE PERFORMED

INVOICE #

QUANTUM ID

007-073108  
 008-  
 009-  
 010-

Phone: (570) 489-8964

Report to: Pennsylvania Technologies

826 MAIN STREET

PECKWILE PA 18952

Contact: Maura Gignola

Phone: 487-1959 Fax: 487-1961

Bill to: Pennsylvania Technologies

826 MAIN STREET

PECKWILE PA 18952

DW - Drinking Water SL Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ Hazardous  
 WW Wastewater Other

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

Comments: Trip Black Prepared by Lab

Analysis per USEPA METHOD

Sampler: G. Casper

Relinquished By: *[Signature]*

Date: 7/30/08 Time: 10:50

Relinquished By: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Property Preserved Y N Rec'd on Ice Y N

Date: 7/30/08 Time: 16:50

Date: \_\_\_\_\_ Time: \_\_\_\_\_



Private Well Sampling Analytical Data Sheets

September 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

September 30, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 19-Sep-08  
Sample Time: 15:20  
Sampled By: client  
Received By: JRM  
Date Received: 19-Sep-08  
Time Received: 15:50

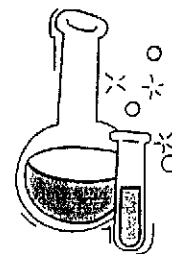
Parameter	Result	Units	Method	Analyzed
<b>Messina.A.Sep08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	30-Sep-08
Benzene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Toluene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Naphthalene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	30-Sep-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	30-Sep-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	30-Sep-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

September 30, 2008

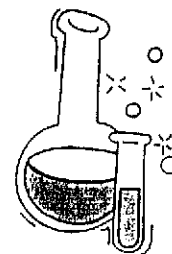
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: 19-Sep-08  
Sample Time: 15:20  
Sampled By: client  
Received By: JRM  
Date Received: 19-Sep-08  
Time Received: 15:50

Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.JL</b>				
MTBE	< 0.5	ug/L	EPA 524.2	30-Sep-08
Benzene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Toluene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Naphthalene	< 0.5	ug/L	EPA 524.2	30-Sep-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	30-Sep-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	30-Sep-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	30-Sep-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



**CHAIN OF CUSTODY**

Special Requirements

SA DEP ASTM TOLP  
 SOFA UST FOTML  
 FORM 48

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

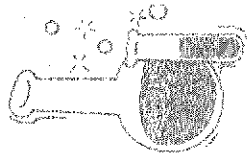
TAT PUSH FORMAL

PROJECT: 27058.02

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

824 Enterprise Street  
 Dickson City Industrial Park  
 Dickson City, PA 18519-1583



DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Sol  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

P - Plastic CG - Glass AG - Amcor Glass O - Other **POW**

Revised to: **PENNSYLVANIA TECTONICS INC**  
 826 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: **MARTIN GILGALLON**  
 Phone: **487-1959** Fax: **487-1961**  
 Bill to: **PENNSYLVANIA TECTONICS INC**  
 826 MAIN STREET  
 PECKVILLE PA 18452

Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRESV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED			INVOICE #	Quantum ID
							CG - Glass	AG - Amcor Glass	O - Other		
Messina, A. Sep 08	9/18/08	15:20	DW	3	HCL G X	124-TMB	135-TMB			072-091908	
Tria Blank JL	9/18/08	15:20	DL	1	HCL G X					073	

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Comments:  
 \*\* ANALYSIS PER USEPA METHOD 524.2.  
 Sampler: Jerry Lechanski  
 Released By: Jerry Lechanski  
 Released By: [Signature]  
 Date: 9/18/08 Time: 15:50  
 Date: 9/19/08 Time: 15:50

Private Well Sampling Analytical Data Sheets

July 2009



**ANALYTICAL  
LABORATORY  
SERVICES, INC.**

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PA 22-293 NJ PA010



34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

**ANALYTICAL RESULTS**

Workorder: 9801944 27058

Lab ID: 9801944001 Date Collected: 7/29/2009 10:00 Matrix: Drinking Water  
Sample ID: Beecroft. Jul09 Date Received: 7/30/2009 20:42

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/6/09 07:45	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/6/09 07:45	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/6/09 07:45	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/6/09 07:45	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/6/09 07:45	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/6/09 07:45	JAH	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/6/09 07:45	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/6/09 07:45	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/6/09 07:45	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	75.7		%	70-130	EPA 524.2		8/6/09 07:45	JAH	A
4-Bromofluorobenzene (S)	71.8		%	70-130	EPA 524.2		8/6/09 07:45	JAH	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager

Private Well Sampling Analytical Data Sheets

January 2011



**ANALYTICAL RESULTS**

Workorder: 9883162 LEWIS BROTHERS/27058

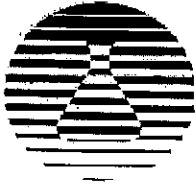
Lab ID: 9883162001 Date Collected: 1/3/2011 08:13 Matrix: Drinking Water  
Sample ID: Konoski-Initial Date Received: 1/4/2011 08:55

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		1/5/11 11:51	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		1/5/11 11:51	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		1/5/11 11:51	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		1/5/11 11:51	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		1/5/11 11:51	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		1/5/11 11:51	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		1/5/11 11:51	DJB	A
1,2,4-Trimethylbenzene	ND	1	ug/L	0.50	EPA 524.2		1/5/11 11:51	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		1/5/11 11:51	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	78.5		%	70-130	EPA 524.2		1/5/11 11:51	DJB	A
4-Bromofluorobenzene (S)	71.9		%	70-130	EPA 524.2		1/5/11 11:51	DJB	A
<b>METALS</b>									
Calcium, Total	29.3		mg/L	0.050	EPA 200.7	1/10/11 KMK	1/13/11 14:45	JWK	C
Iron, Total	0.11		mg/L	0.030	EPA 200.7	1/10/11 KMK	1/13/11 14:45	JWK	C
Magnesium, Total	4.2		mg/L	0.050	EPA 200.7	1/10/11 KMK	1/13/11 14:45	JWK	C

Sample Comments:

Anna G Milliken  
Laboratory Manager





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**34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430**

## ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9883162 LEWIS BROTHERS/27058

---

### PARAMETER QUALIFIERS\FLAGS

- [1] The QC sample type LCS for method EPA 524.2 was outside the control limits for the analyte 1,2,4-Trimethylbenzene. The % Recovery was reported as 68.5 and the control limits were 70 to 130.



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Page 1 of 1  
Scanner: Fed Ex  
Tracking #: 8735 468 1380

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: Pennsylvania Testonics Inc.  
Contact (Project): Martin Gilgallon Phone: 510-487-1959  
Address: 826 Main Street  
Pottsville PA 18452

Bill to (different than Project):  
Project Name#: Lewis Buttes 27058 ALSI Quote #:  
TAX:  Normal Standard TAT is 10-12 business days. Data Required:  
Email:  Rush-Subject to ALSI approval and surcharges. Approved By:  
Fax:  Y/N  
Sample Description/Location: CCC Comments: CCC  
1 Kennoski - Initial  
2  
3  
4  
5  
6  
7  
8

Sample Date: 1/3/11 08:13  
Sample Time: 6:00  
Enter Number of Containers Per Analysis: 1 2 Y  
Matrix: Total Calcium Magnesium  
Container Type: CG  
Container Size: 4oz  
Parameters: 1/1 1/4/03 1/4/03 1/4/03

LOGGED BY: JERRY LUCHANSKY  
REVIEWED BY: JERRY LUCHANSKY  
Date: 1/3/11 09:00  
Time: 2  
Received By / Company Name: Jerry Luchansky  
Date: 1/3/11 08:13  
Time: 4  
Received By / Company Name: Jerry Luchansky

RECEIVED BY (Please Print):  
Date: 1/3/11 08:13  
Time: 4  
Received By / Company Name: Jerry Luchansky  
Date: 1/3/11 08:13  
Time: 4  
Received By / Company Name: Jerry Luchansky

Container #	Matrix	Sample Date	Sample Time	Enter Number of Containers Per Analysis	Matrix	Container Type	Container Size	Parameters	Notes
1	Total Calcium	1/3/11	08:13	1	Total Calcium	CG	4oz	1/1 1/4/03 1/4/03 1/4/03	
2	Magnesium	1/3/11	08:13	2	Magnesium	CG	4oz	1/1 1/4/03 1/4/03 1/4/03	

Quantity	Received on bag?	Labels complete/accurate?	Containers in good condition?
Y	Y	Y	Y

ALS FIELD SERVICES  
 Receipt  
 Label  
 Composite Sampling  
 Residual Equipment  
 Other

Private Well Sampling Analytical Data Sheets

August 2011

**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646004**  
 Sample ID: **Young.J.Aug11**

 Date Collected: 8/3/2011 07:20  
 Date Received: 8/4/2011 09:10

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Toluene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/16/11 13:47	MES	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	98.1		%	70-130	EPA 524.2		8/16/11 13:47	MES	B
4-Bromofluorobenzene (S)	90.4		%	70-130	EPA 524.2		8/16/11 13:47	MES	B

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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Private Well Sampling Analytical Data Sheets

August 2015

August 24, 2015

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name:	<b>27058 Lewis Brothers Garage</b>	Workorder:	<b>2089063</b>
Purchase Order:		Workorder ID:	<b>27058 Lewis Brothers Garage</b>

Dear Mr. Gilgallon:

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 13, 2015.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

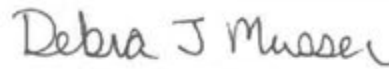
If you have any questions regarding this certificate of analysis, please contact Ms. Debra J. Musser (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Ms. Debra J. Musser  
Project Coordinator

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Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

### SAMPLE SUMMARY

Workorder: 2089063 27058 Lewis Brothers Garage

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2089063001	Frezzolini.C.Aug.15 Raw	Drinking Water	8/11/2015 17:05	8/13/2015 09:08	Collected by Client

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

### ALS Environmental Laboratory Locations Across North America

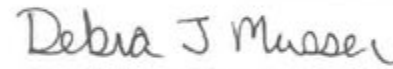
Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay  
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**ANALYTICAL RESULTS**

Workorder: 2089063 27058 Lewis Brothers Garage

 Lab ID: **2089063001** Date Collected: 8/11/2015 17:05 Matrix: Drinking Water  
 Sample ID: **Frezzolini.C.Aug.15 Raw** Date Received: 8/13/2015 09:08

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/20/15 11:04	CPK	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/20/15 11:04	CPK	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/20/15 11:04	CPK	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/20/15 11:04	CPK	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/20/15 11:04	CPK	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/20/15 11:04	CPK	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2		8/20/15 11:04	CPK	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/20/15 11:04	CPK	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/20/15 11:04	CPK	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	81.3		%	70 - 130	EPA 524.2		8/20/15 11:04	CPK	A
4-Bromofluorobenzene (S)	71.8		%	70 - 130	EPA 524.2		8/20/15 11:04	CPK	A

  
 Ms. Debra J. Musser  
 Project Coordinator

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34 Dogwood Lane  
Middletown, PA 17057  
P: 717-944-5541  
F: 717-944-1430

**Environmental**

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

Client Name: Pennsylvania Tectonics, Inc.		Container Type: CG		
Address: 723 Main Street Archbald, PA 18403		Cooler Size: 40 ml		
Contact: Martin Gilgallon		Preservative: **		
Phone#: (570) 487-1959		ANALYSES/METHOD REQUESTED		
Project Name/ID: Lewis Brothers Garage/27058		Enter Number of Containers Per Sample or Field Results Below.		
Bill To:		Matrix		
<input checked="" type="checkbox"/> Normal-Standard TAT is 10-12 business days. <input type="checkbox"/> Rush-Subject to ALS approval and surcharges. Date Required: _____ Approved By: _____ Email? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <a href="mailto:patelectonics@hotmail.com">patelectonics@hotmail.com</a> Fax? <input type="checkbox"/> Y <input type="checkbox"/> N No.		*G or C		
Sample Description/Location (see it will appear on the lab report)	Sample Date	Time	Date	Time
1 Frezzolini, C. Aug 15, Raw	8/11/15	1705	8/12/15	1300
2				
3				
4				
5				
6				
7				
8				
9				
10				
Project Comments: **=ASCI/CI		LOGGED BY: [Signature] Date: 8/13/15 Time: 1300		
		REVIEWED BY: [Signature] Date: 8/13/15 Time: 1300		
Relinquished By: [Signature]	Company Name: [Signature]	Date: 8/12/15	Time: 1300	Received By / Company Name: [Signature]
3	1 Penn County, PA	4	8/13/15	8:05
5		6		
7		8		
9		10		

Cooler Temp: 10°C Therm ID: TH 209

No. of Coolers: Y N Initial: XM

Destody Seals Present?  (if present) Seals Intact?

Received on Ice?

COC Labels Complete/Accurate?

Cont. In Good Cond.?

Correct Containers?

Correct Sample Volumes?

Correct Preservation?

Headspace/Volatiles?

Counter Tracking #: 80850854 4182

Sample/COC Comments

COC

ALS

1 of 1

\* 2 0 8 9 0 6 3 \*

\*\*Matrix - A=Air, DW=Drinking Water, GW=Groundwater, OL=Oil, OI=Other Liquid, SL=Sludge, SO=Soil, WP=Wipe, WW=Wastewater

\*G=Grab, C=Composite

EDS: Format Type: \_\_\_\_\_

PWSID # \_\_\_\_\_

Reportable to PADEP? Yes  No

Sample Disposal: USACE  Navy  USACE  State  Lab  Special

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 17057

## APPENDIX CC

### Comparison of Soil Analytical Data vs. USEPA-PA Default Values



06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	TB1A	TB1B	TB2A	TB3A	TB4A	TB6A	TB7A	PA Default
Depth	3.0' - 5.5'	10.0' - 12.0'	6.5' - 8.0'	11.0' - 12.0'	2.0' - 3.5'	8.0' - 10.0'	12.5' - 13.5'	
Condition	Vadose	Smear	Vadose	Smear	Vadose	Smear	Smear	
MTBE	<0.238	<0.284	<0.246	<0.238	<0.252	<0.242	<0.250	51.0
Benzene	<0.238	<0.284	13.8	9.08	173	2.42	8.86	0.37
Ethylbenzene	5.79	13.8	18.9	35.0	180	5.75	22.0	5.7
Cumene	3.1	2.37	2.86	5.67	20.8	0.721	2.46	360.0
Toluene	<0.595	9.21	71.3	61.1	838	21.2	62.4	76.0
Naphthalene	5.45	4.89	6.37	13.2	42.3	2.14	8.02	64.0
Total Xylenes	12.7	75.2	115	216	1,260	35.3	119	55.0
1,3,5-TMB	11.9	10.2	14.5	29.0	122	3.97	14.2	4.6
1,2,4-TMB	38.4	33.8	47.6	95.8	446	13.9	46.7	20.0
1,2-EDC	NA	NA	NA	NA	NA	NA	NA	0.49
1,2-EDB	NA	NA	NA	NA	NA	NA	NA	0.17
Total Lead	NA	NA	NA	NA	NA	NA	NA	NOC

1,2-EDC 1,2-Dichloroethane  
1,2-EDB 1,2-Dibromoethane  
MTBE Methyl Tert Butyl Ether  
1,2,4-TMB 1,2,4-Trimethylbenzene  
1,3,5-TMB 1,3,5-Trimethylbenzene  
NS Not Sampled  
ND Not Detected  
NA Not Analyzed  
NOC Not of concern

USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen

 Shaded values indicate exceedances in Vadose or Smear Zone  
 Shaded values indicate exceedances in Permanently Saturated Zone

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply

Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply

PSZ: Permanently Saturated Zone - Saturated MSCs Apply



06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	TB8A	TB9A	TB9B	TB12A	TB13A	TB13B	TB14A	PA Default
Depth	8.0' - 9.0'	9.5' - 10.5'	15.0' - 16.0'	17.0' - 18.0'	6.5' - 7.5'	16.0' - 17.0'	9.5' - 11.0'	
Condition	Smear	Smear	PSZ	Smear	Vadose	PSZ	Smear	
MTBE	<0.240	<0.274	<0.240	<0.005	<0.005	0.065	<0.248	51.0
Benzene	20.5	<0.274	<0.240	<0.005	<0.005	0.631	0.853	0.37
Ethylbenzene	20.3	<0.685	<0.600	<0.005	<0.005	0.008	<0.620	5.7
Cumene	2.3	<0.685	<0.600	<0.005	<0.005	<0.005	<0.620	360.0
Toluene	85.9	<0.685	<0.600	<0.005	<0.005	0.078	2.67	76.0
Naphthalene	7.72	<1.37	<1.20	<0.005	<0.005	<0.005	<0.620	64.0
Total Xylenes	116	<2.06	<1.80	<0.015	<0.015	0.025	<1.86	55.0
1,3,5-TMB	13.2	1.78	<0.600	<0.005	<0.005	<0.005	<0.620	4.6
1,2,4-TMB	43.3	5.17	<0.600	<0.005	<0.005	<0.005	<0.620	20.0
1,2-EDC	NA	NA	NA	NA	NA	NA	NA	0.49
1,2-EDB	NA	NA	NA	NA	NA	NA	NA	0.17
Total Lead	NA	NA	NA	NA	NA	NA	NA	NOC

1,2-EDC 1,2-Dichloroethane  
1,2-EDB 1,2-Dibromoethane  
MTBE Methyl Tert Butyl Ether  
1,2,4-TMB 1,2,4-Trimethylbenzene  
1,3,5-TMB 1,3,5-Trimethylbenzene  
NS Not Sampled  
ND Not Detected  
NA Not Analyzed  
NOC Not of concern

USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen

 Shaded values indicate exceedances in Vadose or Smear Zone  
 Shaded values indicate exceedances in Permanently Saturated Zone

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply

Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply

PSZ: Permanently Saturated Zone - Saturated MSCs Apply



06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	TB15A	TB16A	TB17A	TB18A	TB18B	TB18C	TB19A	PA Default
Depth	15.0' - 16.0'	6.0' - 7.5'	15.0' - 16.0'	6.5' - 8.0'	10.0' - 11.5'	15.0' - 16.0'	15.0' - 16.0'	
Condition	Smear	Vadose	Smear	Smear	Smear	PSZ	Smear	
MTBE	<0.005	<0.248	<0.005	<0.240	<0.238	<0.216	<0.005	51.0
Benzene	0.167	0.487	0.035	<0.240	0.694	1.08	<0.005	0.37
Ethylbenzene	0.065	<0.620	0.015	1.21	2.78	<0.540	<0.005	5.7
Cumene	<0.005	<0.620	<0.005	<0.600	<0.595	<0.540	<0.005	360.0
Toluene	0.88	2.01	<0.005	1.39	6.76	3.46	<0.005	76.0
Naphthalene	0.008	<0.620	0.005	0.744	1.21	<0.540	<0.005	64.0
Total Xylenes	0.266	2.54	0.015	7.81	16.7	1.96	<0.015	55.0
1,3,5-TMB	0.01	<0.620	0.005	1.9	2.27	<0.540	<0.005	4.6
1,2,4-TMB	0.034	<0.620	0.011	5.75	7.57	<0.540	<0.005	20.0
1,2-EDC	NA	NA	NA	NA	NA	NA	NA	0.49
1,2-EDB	NA	NA	NA	NA	NA	NA	NA	0.17
Total Lead	NA	NA	NA	NA	NA	NA	NA	NOC

1,2-EDC 1,2-Dichloroethane  
1,2-EDB 1,2-Dibromoethane  
MTBE Methyl Tert Butyl Ether  
1,2,4-TMB 1,2,4-Trimethylbenzene  
1,3,5-TMB 1,3,5-Trimethylbenzene  
NS Not Sampled  
ND Not Detected  
NA Not Analyzed  
NOC Not of concern

USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen

 Shaded values indicate exceedances in Vadose or Smear Zone  
 Shaded values indicate exceedances in Permanently Saturated Zone

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply

Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply

PSZ: Permanently Saturated Zone - Saturated MSCs Apply



06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	TB21A	TB22	TB23A	TB23B	TB24	TB25	TB-26A	PA Default
Depth	11.0' - 12.0'	11.0' - 12.0'	10.0' - 10.5'	12.5' - 13.3'	12.8' - 13.0'	6.0' - 6.5'	12.0' - 13.0'	
Condition	Smear	Smear	Vadose	Smear	Smear	Vadose	Smear	
MTBE	<0.005	0.008	<0.005	<1.57	<0.005	<0.005	0.0062	51.0
Benzene	<0.005	<0.005	<0.005	4.76	<0.005	<0.005	0.241	0.37
Ethylbenzene	<0.005	0.027	<0.005	26.5	<0.005	0.014	0.0633	5.7
Cumene	<0.005	0.007	<0.005	4.06	<0.005	<0.005	0.0039	360.0
Toluene	<0.005	<0.005	<0.005	42.1	<0.005	<0.005	0.18	76.0
Naphthalene	<0.005	0.156	0.025	7.46	0.088	0.07	0.0076	64.0
Total Xylenes	<0.015	0.083	<0.015	154	<0.015	0.062	0.13	55.0
1,3,5-TMB	<0.005	0.082	<0.005	18.5	<0.005	0.056	0.006	4.6
1,2,4-TMB	<0.005	0.25	<0.005	61.6	<0.005	0.203	0.0178	20.0
1,2-EDC	NA	<0.005	<0.005	<1.57	<0.005	<0.005	<0.0018	0.49
1,2-EDB	NA	<0.005	<0.005	<1.57	<0.005	<0.005	<0.0018	0.17
Total Lead	NA	6.48	8.44	10.3	6.4	8.06	7.5	NOC

1,2-EDC      1,2-Dichloroethane  
1,2-EDB      1,2-Dibromoethane  
MTBE        Methyl Tert Butyl Ether  
1,2,4-TMB    1,2,4-Trimethylbenzene  
1,3,5-TMB    1,3,5-Trimethylbenzene  
NS            Not Sampled  
ND            Not Detected  
NA            Not Analyzed  
NOC          Not of concern

USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen

 Shaded values indicate exceedances in Vadose or Smear Zone  
 Shaded values indicate exceedances in Permanently Saturated Zone

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply

Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply

PSZ: Permanently Saturated Zone - Saturated MSCs Apply



06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	TB-26B	TB-27A	TB-27B	TB-28A	TB-28B	TB-29A	TB-29B	PA Default
Depth	14.5' - 15.5'	4.0' - 5.0'	16.0' - 17.0'	6.0' - 7.0'	13.5' - 14.5'	9.0' - 10.0'	14.5' - 15.5'	
Condition	Smear	Vadose	Smear	Vadose	Smear	Vadose	Smear	
MTBE	0.0041	<0.466	0.0022	0.0021	<0.0017	<0.0019	<0.0017	51.0
Benzene	0.26	0.664	0.0149	0.0077	<0.0017	<0.0019	<0.0017	0.37
Ethylbenzene	0.428	10.8	0.108	1.86	0.003	<0.0019	<0.0017	5.7
Cumene	0.0499	2.94	0.0084	0.047	0.0089	<0.0019	0.0029	360.0
Toluene	0.701	9.24	0.0715	0.0212	<0.0017	<0.0019	<0.0017	76.0
Naphthalene	0.0429	4.6	0.0551	0.173	0.0088	0.002	<0.0017	64.0
Total Xylenes	1.74	70.5	0.908	6.45	0.0091	<0.0058	<0.0052	55.0
1,3,5-TMB	0.297	12.9	0.0411	3.05	0.0071	<0.0019	0.0109	4.6
1,2,4-TMB	1.0	49.4	0.159	9.05	0.0374	0.0022	0.0258	20.0
1,2-EDC	<0.0018	<0.466	<0.0016	<0.0018	<0.0017	<0.0019	<0.0017	0.49
1,2-EDB	<0.0018	<0.466	<0.0016	<0.0018	<0.0017	<0.0019	<0.0017	0.17
Total Lead	8.3	9.7	5.2	8.1	7.8	7.9	5.2	NOC

1,2-EDC 1,2-Dichloroethane  
1,2-EDB 1,2-Dibromoethane  
MTBE Methyl Tert Butyl Ether  
1,2,4-TMB 1,2,4-Trimethylbenzene  
1,3,5-TMB 1,3,5-Trimethylbenzene  
NS Not Sampled  
ND Not Detected  
NA Not Analyzed  
NOC Not of concern

USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen

 Shaded values indicate exceedances in Vadose or Smear Zone  
 Shaded values indicate exceedances in Permanently Saturated Zone

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply

Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply

PSZ: Permanently Saturated Zone - Saturated MSCs Apply



06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	TB-30A	TB-30B	TB-31A	TB-31B	TB-32A	TB-32B	TB-33A	PA Default
Depth	12.0' - 13.0'	15.0' - 16.0'	7.0' - 8.0'	13.5' - 14.5'	7.0' - 8.0'	15.0' - 16.0'	6.0' - 7.0'	
Condition	Vadose	Smear	Vadose	Smear	Vadose	Smear	Vadose	
MTBE	<0.0454	0.453	<0.0456	<0.429	0.002	0.0654	<0.241	51.0
Benzene	3.11	1.9	0.0581	50.1	0.149	0.229	0.668	0.37
Ethylbenzene	9.52	1.5	0.356	156	4.43	0.316	5.73	5.7
Cumene	1.58	0.191	0.25	40.3	0.673	<0.0439	0.959	360.0
Toluene	25.4	6.98	<0.0456	256.0	6.39	0.136	11.6	76.0
Naphthalene	3.54	0.816	0.5	72.0	2.78	0.156	2.57	64.0
Total Xylenes	50.4	8.76	0.524	811.0	19.6	0.926	33.9	55.0
1,3,5-TMB	8.42	1.19	0.875	121.0	4.99	0.154	5.94	4.6
1,2,4-TMB	29.7	5.29	2.84	433.0	15.8	0.475	18.3	20.0
1,2-EDC	<0.0454	0.029	<0.0456	<0.429	<0.0018	<0.0439	<0.241	0.49
1,2-EDB	<0.0454	0.0302	<0.0456	<0.429	<0.0018	<0.0439	<0.241	0.17
Total Lead	5.5	9.4	5.4	17.7	8.1	5.9	8.1	NOC

1,2-EDC      1,2-Dichloroethane  
1,2-EDB      1,2-Dibromoethane  
MTBE        Methyl Tert Butyl Ether  
1,2,4-TMB    1,2,4-Trimethylbenzene  
1,3,5-TMB    1,3,5-Trimethylbenzene  
NS            Not Sampled  
ND            Not Detected  
NA            Not Analyzed  
NOC          Not of concern

USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen

 Shaded values indicate exceedances in Vadose or Smear Zone  
 Shaded values indicate exceedances in Permanently Saturated Zone

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply

Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply

PSZ: Permanently Saturated Zone - Saturated MSCs Apply





06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	TB-33B	TB-34A	TB-34B	TB-35A	TB-35B	TB-36A	TB-36B	PA Default
Depth	16.0' - 17.0'	9.0' - 10.0'	19.0' - 20.0'	6.5' - 7.5'	17.0' - 18.0'	6.5' - 7.5'	11.5' - 12.5'	
Condition	Smear	Vadose	Smear	Vadose	Smear	Smear	Smear	
MTBE	0.316	<0.0507	0.755	<0.0018	<0.0022	<0.0435	<0.0428	51.0
Benzene	3.6	0.478	2.55	<0.0018	0.0798	<0.0435	0.121	0.37
Ethylbenzene	3.3	5.35	0.0904	<0.0018	0.203	0.0975	8.28	5.7
Cumene	0.408	0.971	0.0056	<0.0018	0.0198	0.704	1.98	360.0
Toluene	16.8	0.453	2.9	<0.0018	0.897	<0.0435	2.09	76.0
Naphthalene	0.753	1.79	0.0077	<0.0018	0.0427	0.231	3.64	64.0
Total Xylenes	17.5	17.1	1.64	<0.0054	1.09	<0.131	29.3	55.0
1,3,5-TMB	2.12	5.36	0.0147	<0.0018	0.0851	5.97	9.86	4.6
1,2,4-TMB	5.89	14.0	0.0489	<0.0018	0.375	1.25	34.7	20.0
1,2-EDC	<0.216	<0.0507	0.0028	<0.0018	<0.0022	<0.0435	<0.0428	0.49
1,2-EDB	<0.216	<0.0507	<0.0016	<0.0018	<0.0022	<0.0435	<0.0428	0.17
Total Lead	4.9	7.2	5.9	6.1	7.9	10.6	4.6	NOC

1,2-EDC 1,2-Dichloroethane  
1,2-EDB 1,2-Dibromoethane  
MTBE Methyl Tert Butyl Ether  
1,2,4-TMB 1,2,4-Trimethylbenzene  
1,3,5-TMB 1,3,5-Trimethylbenzene  
NS Not Sampled  
ND Not Detected  
NA Not Analyzed  
NOC Not of concern

USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen

 Shaded values indicate exceedances in Vadose or Smear Zone  
 Shaded values indicate exceedances in Permanently Saturated Zone

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply

Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply

PSZ: Permanently Saturated Zone - Saturated MSCs Apply



06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	TB-37A	TB-37B	TB-38A	TB-38B	TB-39A	TB-39B	TB-40A	PA Default
Depth	7.5' - 8.5'	18.0' - 19.0'	9.0' - 10.0'	18.0' - 19.0'	5.0' - 6.0'	13.5' - 14.5'	9.0' - 10.0'	
Condition	Vadose	Smear	Smear	PSZ	Vadose	Smear	Vadose	
MTBE	<0.0017	0.0305	0.0027	<0.0389	<0.0019	<0.0017	<0.002	51.0
Benzene	<0.0017	0.332	0.625	0.493	<0.0019	0.0091	<0.002	0.37
Ethylbenzene	<0.0017	0.0861	0.0895	6.61	<0.0019	<0.0017	<0.002	5.7
Cumene	<0.0017	0.0062	0.0044	1.59	<0.0019	<0.0017	<0.002	360.0
Toluene	<0.0017	1.23	2.39	4.05	<0.0019	<0.0017	<0.002	76.0
Naphthalene	<0.0017	0.0097	0.0153	4.07	<0.0019	<0.0017	<0.002	64.0
Total Xylenes	0.0055	1.26	1.34	42.9	<0.0057	<0.0052	<0.006	55.0
1,3,5-TMB	<0.0017	0.0206	0.0195	7.69	<0.0019	<0.0017	<0.002	4.6
1,2,4-TMB	<0.0017	0.0665	0.0496	27.9	<0.0019	<0.0017	<0.002	20.0
1,2-EDC	<0.0017	<0.0019	<0.0017	<0.0389	<0.0019	<0.0017	<0.002	0.49
1,2-EDB	<0.0017	<0.0019	<0.0017	<0.0389	<0.0019	<0.0017	<0.002	0.17
Total Lead	7.3	7.4	13.9	4.6	7.4	8.4	9.8	NOC

1,2-EDC 1,2-Dichloroethane  
1,2-EDB 1,2-Dibromoethane  
MTBE Methyl Tert Butyl Ether  
1,2,4-TMB 1,2,4-Trimethylbenzene  
1,3,5-TMB 1,3,5-Trimethylbenzene  
NS Not Sampled  
ND Not Detected  
NA Not Analyzed  
NOC Not of concern

USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen

 Shaded values indicate exceedances in Vadose or Smear Zone  
 Shaded values indicate exceedances in Permanently Saturated Zone

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply

Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply

PSZ: Permanently Saturated Zone - Saturated MSCs Apply

06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	TB-40B	PA Default
Depth	13.0' - 14.0'	
Condition	Smear	
MTBE	<0.0019	51.0
Benzene	<0.0019	0.37
Ethylbenzene	<0.0019	5.7
Cumene	<0.0019	360.0
Toluene	<0.0019	76.0
Naphthalene	<0.0019	64.0
Total Xylenes	<0.0056	55.0
1,3,5-TMB	<0.0019	4.6
1,2,4-TMB	<0.0019	20.0
1,2-EDC	<0.0019	0.49
1,2-EDB	<0.0019	0.17
Total Lead	7.0	NOC

**1,2-EDC** 1,2-Dichloroethane  
**1,2-EDB** 1,2-Dibromoethane  
**MTBE** Methyl Tert Butyl Ether  
**1,2,4-TMB** 1,2,4-Trimethylbenzene  
**1,3,5-TMB** 1,3,5-Trimethylbenzene  
**NS** Not Sampled  
**ND** Not Detected  
**NA** Not Analyzed  
**NOC** Not of concern

Shaded values indicate exceedances in Vadose or Smear Zone



Shaded values indicate exceedances in Vadose or Smear Zone



Shaded values indicate exceedances in Permanently Saturated Zone

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply



Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply

PSZ: Permanently Saturated Zone - Saturated MSCs Apply

06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	SS1	SS2	SS3	SS4	SS5	SS6	SS7	PA Default
Depth	6.9'	6.4'	13.3'	1.2'	1.5'	13.6'	15.0'	
Condition	Vadose	Vadose	Vadose	Vadose	Vadose	Vadose	Vadose	
MTBE	<0.0294	0.041	0.448	<0.0442	2.32	0.203	0.783	51.0
Benzene	0.516	0.897	2.21	0.874	18.2	4.2	2.77	0.37
Ethylbenzene	11.0	8.08	2.92	4.14	24.1	9.88	2.95	5.7
Cumene	2.27	1.51	0.552	0.669	3.53	2.27	0.524	360.0
Toluene	16.2	12.7	4.84	0.68	109.0	24.6	6.73	76.0
Naphthalene	7.33	4.59	1.17	3.26	11.7	3.44	1.62	64.0
Total Xylenes	61.0	46.6	13.6	13.7	138.0	57.8	18.4	55.0
1,3,5-TMB	12.0	7.85	27.3	7.34	18.8	11.8	3.76	4.6
1,2,4-TMB	45.5	29.6	9.26	21.0	55.0	39.6	12.9	20.0

**1,2-EDC** 1,2-Dichloroethane USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen  
**1,2-EDB** 1,2-Dibromoethane  
**MTBE** Methyl Tert Butyl Ether  Shaded values indicate exceedances in Vadose or Smear Zone  
**1,2,4-TMB** 1,2,4-Trimethylbenzene  
**1,3,5-TMB** 1,3,5-Trimethylbenzene  Shaded values indicate exceedances in Permanently Saturated Zone  
**NS** Not Sampled  
**ND** Not Detected  
**NA** Not Analyzed  
**NOC** Not of concern



**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply  
 Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply  
 PSZ: Permanently Saturated Zone - Saturated MSCs Apply

06/07/16

**TABLE CC-1**  
**Site Characterization Activities**  
**Lewis Brothers Garage Property**  
**Comparison of Soil Data to PA Default Values (mg/kg)**

Parameter	SS8	SS9	SS10	SS11	SS12	CF1	CF2	PA Default
Depth	15.0'	9.7'	7.4'	3.6'	12.8'	Clean	Clean	
Condition	Vadose	Vadose	Vadose	Vadose	Vadose	Stockpile	Stockpile	
MTBE	0.0488	<0.0547	<0.0289	<0.147	<0.028	<0.0332	<0.0295	51.0
Benzene	0.148	1.72	<0.0289	15.6	0.0586	0.0558	<0.0295	0.37
Ethylbenzene	0.701	23.5	<0.0289	<2.93	4.01	0.321	<0.0295	5.7
Cumene	0.104	4.54	<0.0289	24.0	0.706	0.0754	<0.0295	360.0
Toluene	1.36	47.8	<0.0289	237.0	1.94	0.766	<0.0295	76.0
Naphthalene	0.482	12.9	<0.0578	31.3	1.48	0.425	<0.0590	64.0
Total Xylenes	3.52	131.0	<0.0868	689.0	16.9	3.91	<0.0885	55.0
1,3,5-TMB	0.634	20.9	<0.0289	94.0	4.01	0.975	<0.0295	4.6
1,2,4-TMB	2.39	72.3	<0.0289	291.0	13.4	3.08	0.0329	20.0

**1,2-EDC** 1,2-Dichloroethane USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen  
**1,2-EDB** 1,2-Dibromoethane  
**MTBE** Methyl Tert Butyl Ether  Shaded values indicate exceedances in Vadose or Smear Zone  
**1,2,4-TMB** 1,2,4-Trimethylbenzene  
**1,3,5-TMB** 1,3,5-Trimethylbenzene  Shaded values indicate exceedances in Permanently Saturated Zone  
**NS** Not Sampled  
**ND** Not Detected  
**NA** Not Analyzed  
**NOC** Not of concern

**Condition:**

Vadose: Vadose Zone - Unsaturated MSCs Apply  
 Smear: Zone of Groundwater Saturation (Smear Zone) - Saturated MSCs Apply  
 PSZ: Permanently Saturated Zone - Saturated MSCs Apply

## APPENDIX DD

### Comparison of Groundwater Analytical Data vs. USEPA-PA Default Values

TABLE D(1)  
Comparison of Groundwater Data by USEPA-4a Distributions  
Groundwater Monitoring Area  
Leach Brothers Garage Property

Well Number	Date Sampled	Well Head Elevation (feet)	Depth to Groundwater (feet)	Analyte Groundwater Elevation (feet)	Product Reservoir (feet)	Restriction Status	WTB		Elev. Difference	Cement		Toluene		Benzene		Ethene		1,2-DCM		1,2,4-THM		1,2-DIBP		Lead
							2005.1	2005.2		2005.1	2005.2	2005.1	2005.2	2005.1	2005.2	2005.1	2005.2	2005.1	2005.2					
<p><b>Area 1</b></p> <p><b>Total Depth: 30.0'</b></p> <p><b>Screen at 18.00'</b></p> <p><b>30.0' - 10.0'</b></p> <p><b>Area 2</b></p> <p><b>Total Depth: 30.0'</b></p> <p><b>Screen at 18.00'</b></p> <p><b>30.0' - 10.0'</b></p> <p><b>Area 3</b></p> <p><b>Total Depth: 30.0'</b></p> <p><b>Screen at 18.00'</b></p> <p><b>30.0' - 10.0'</b></p> <p><b>Area 4</b></p> <p><b>Total Depth: 30.0'</b></p> <p><b>Screen at 18.00'</b></p> <p><b>30.0' - 10.0'</b></p>																								

WB Not Monitored  
WTB Not Monitored  
1,2-DCM Not Monitored  
1,2,4-THM Not Monitored  
1,2-DIBP Not Monitored  
1,2-DIBP Not Monitored  
WB Not Monitored  
NA Not Monitored  
MOC Not Monitored

\* Note the product reservoir depth is groundwater in contact with the product reservoir.  
Total Depth, Open Rock Unconsolidated Screen and Unconsolidated Sand Gravel Screen only.  
NA = Not Monitored according to the USEPA 4a distribution.

USEPA 4a is used to monitor for the presence of the listed chemicals.  
Green color is used to indicate the presence of the listed chemicals.







TABLE 00-1  
Comparison of Groundwater Data to USEPA Default Values  
Groundwater Monitoring Wells  
Louis Brothers Garage Property

Well Number	Date Sampled	Well Head Elevation (feet)	Depth to Groundwater (feet)	Relative Groundwater Elevation (feet)	Product Thickness (feet)	Remediation Status	MIBK		Benzene		Ethyl Benzene		Cumene		Toluene		Naphthalene		Xylenes		1,2-DC		1,2,4-TMB		1,3,5-TMB		1,2-EDB		Lead						
							(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)		
<b>MW 56a</b>																																			
Total Depth: 30.2 Screened Interval: 30.2' - 10.2'	4650008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	7105008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	4465009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	350010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	805010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8090011	1480.92	32.80	1450.12	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	11650011	1480.92	32.76	1450.16	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	61750012	1480.92	32.45	1450.47	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	10420013	1480.92	32.79	1450.13	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0
	350014	1480.92	NA	NA	0.00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8650014	1480.92	32.73	1450.19	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0
	11650014	1480.92	33.08	1449.02	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0
	10850015	1480.92	32.76	1450.16	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0
80150016	1480.92	32.71	1450.21	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
60450016	1480.92	32.75	1450.17	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
<b>MW 71a</b>																																			
Total Depth: 30.0' Screened Interval: 30.0' - 10.0'	4650008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	7105008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	4465009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	350010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	805010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8090011	1502.17	16.47	1485.70	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	11650011	1502.17	16.46	1485.71	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	61750012	1502.17	16.61	1485.56	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	10420013	1502.17	17.18	1484.99	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	350014	1502.17	16.66	1485.51	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	8480014	1502.17	16.06	1486.11	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	11650014	1502.17	19.84	1482.33	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	10850015	1502.17	16.76	1485.41	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
80150016	1502.17	16.50	1485.67	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0		
60450016	1502.17	17.47	1484.70	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0		
<b>MW 69</b>																																			
Total Depth: 70.0' Open Rock Interval: 70.0' - 40.0'	4650008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	7105008	1519.92	44.61	1475.31	0.00	NA	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0		
	4465009	1519.92	43.90	1486.02	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	350010	1519.92	43.11	1486.81	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	805010	1519.92	43.87	1486.05	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	8090011	1519.92	43.79	1486.13	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0
	11650011	1519.92	43.66	1486.26	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	61750012	1519.92	41.20	1493.72	0.00	NA	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
	10420013	1519.92	41.41	1493																															

TABLE D01  
Comparison of Groundwater Detections (USEPA-FM Default Values)  
Groundwater Monitoring Wells  
Lewis Brothers Garage Property

Table with columns: Well Number, Date Sampled, Well Head Elevation (feet), Depth to Groundwater (feet), Native Groundwater Elevation (feet), Product Tracer(s), Remediation Status, MTBE, Benzene, Biphenyls, Toluene, Xylene, Naphthalene, Ethanol, 1,2-EDC, 1,2,4-THB, 1,2,5-THB, 1,2-EthB, Lead. Rows are grouped by well number (MW001, MW002, MW003, MW004, MW005) and include sub-sections for Total Depth, Open Rock Interval, and Screened Interval.

NR Not Measured  
MTBE Methyl Tertiary Butyl Ether  
1,2-EDC 1,2-Dichloroethane  
1,2,4-THB 1,2,4-Triethylbenzene  
1,2,5-THB 1,2,5-Triethylbenzene  
1,2-EthB 1,2-Dibromoethane  
NE Not Detected  
ND Not Detected  
NA Not Analyzed  
NOC Not of concern

\*When free product is present, depth to groundwater is compensated assuming a product density of 0.74.  
Total Depth, Open Rock Interval and Screened Interval measured from grade for reference only.  
Refer to the Well Construction Details for specific depths and elevations.

USEPA-FM Defaults for Facility's Violations Index At Screen  
Default values indicate exceedance of the Default Value

TABLE DD-1  
Comparison of Groundwater Data to USEPA PA Default Values  
Groundwater Monitoring Wells  
Lewis Brothers Garage Property

Well Number	Date Sampled	Well Head Elevation (feet)	Depth to Groundwater (feet)*	Relative Groundwater Elevation (feet)	Product Thickness (feet)	Remediation Status	MTEB (ug/L)	Benzene (ug/L)	Ethyl Benzene (ug/L)	Cumene (ug/L)	Toluene (ug/L)	Naphthalene (ug/L)	Xylenes (ug/L)	1,2-EDC (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	1,2-EDB (ug/L)	Lead (ug/L)	
MW 110 Total Depth: 128.0 Screened Interval: 128.0' - 108.0'	4/9/2009	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/10/2009	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/9/2009	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/9/2010	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/3/2010	1499.13	78.21	1420.92	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	9/27/2011	1499.19	87.95	1411.23	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	11/9/2011	1499.13	89.22	1409.95	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	9/13/2012	1499.18	70.68	1428.50	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	10/4/2013	1499.18	73.42	1425.76	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	2/4/2014	1499.18	72.05	1427.18	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	9/3/2014	1499.18	72.59	1426.59	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
11/24/2014	1499.18	76.94	1422.24	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	
10/9/2015	1499.18	76.25	1422.93	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.019	<2.0	
4/17/2016	1499.19	71.07	1428.12	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	
6/22/2016	1499.19	74.74	1424.44	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	
MW 120 Total Depth: 201.0' Screened Interval: 201.0' - 181.0'	4/9/2009	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/10/2009	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/9/2009	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/9/2010	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/2/2010	1487.48	86.57	1420.91	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	9/27/2011	1487.48	89.53	1419.95	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	11/9/2011	1487.48	81.07	1426.41	0.00	NA	7.9	17.8	<1.0	<1.0	<1.0	<2.0	4.4	NA	<1.0	<1.0	<1.0	NA	NA
	9/13/2012	1487.48	82.69	1424.79	0.00	NA	2.3	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	8/9/2012	1487.48	84.39	1423.09	0.00	NA	4.4	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	10/4/2013	1487.48	85.33	1422.15	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	2/4/2014	1487.48	83.95	1423.53	0.00	NA	1.4	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
9/3/2014	1487.48	84.39	1423.10	0.00	NA	1.7	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA	
11/24/2014	1487.48	89.37	1419.11	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	
10/9/2015	1487.48	88.07	1419.47	0.00	NA	2.6	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	
3/1/2016	1487.48	85.09	1422.39	0.00	NA	2.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	
6/22/2016	1487.48	86.76	1420.72	0.00	NA	2.8	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.019	<2.0	
MW 130 Total Depth: 182.0' Screened Interval: 182.0' - 162.0'	4/9/2009	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/10/2009	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/9/2009	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/9/2010	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/2/2010	1471.85	51.02	1420.83	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	9/27/2011	1471.85	43.94	1427.91	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	11/9/2011	1471.85	45.48	1426.38	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	9/13/2012	1471.85	47.15	1424.74	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	10/4/2013	1471.85	49.72	1422.13	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	2/4/2014	1471.85	49.44	1422.41	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
	9/3/2014	1471.85	48.75	1423.09	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	<1.0	<1.0	<1.0	NA	NA
11/24/2014	1471.85	52.69	1419.16	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	
10/9/2015	1471.85	52.45	1419.40	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	
3/1/2016	1471.85	49.48	1422.37	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	
6/22/2016	1471.85	51.11	1420.74	0.00	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<0.02	<2.0	

NM Not Measured  
 MTEB Methyl Tert Butyl Ether  
 1,2-EDC 1,2-Dichloroethane  
 1,2,4-TMB 1,2,4-Trimethylbenzene  
 1,3,5-TMB 1,3,5-Trimethylbenzene  
 1,2-EDB 1,2-Dibromoethane  
 NS Not Sampled  
 ND Not Detected  
 NA Not Analyzed  
 NOC Not of concern

\*Where free product is present, depth to groundwater is compensated assuming a product density of 0.74.

Total Depth, Open Rock Interval and Screened Interval measured from grade for reference only.  
Refer to the Well Construction Details for specific depths and elevations.

USEPA-PA Defaults for Residential Volatilization to Indoor Air Screen

Shaded values indicate exceedence of the Default Value



APPENDIX EE

Test Boring Logs & Construction Details – Vapor Point Installation

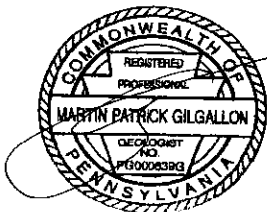
Pennsylvania Tectonics, Inc.

TEST BORING LOG

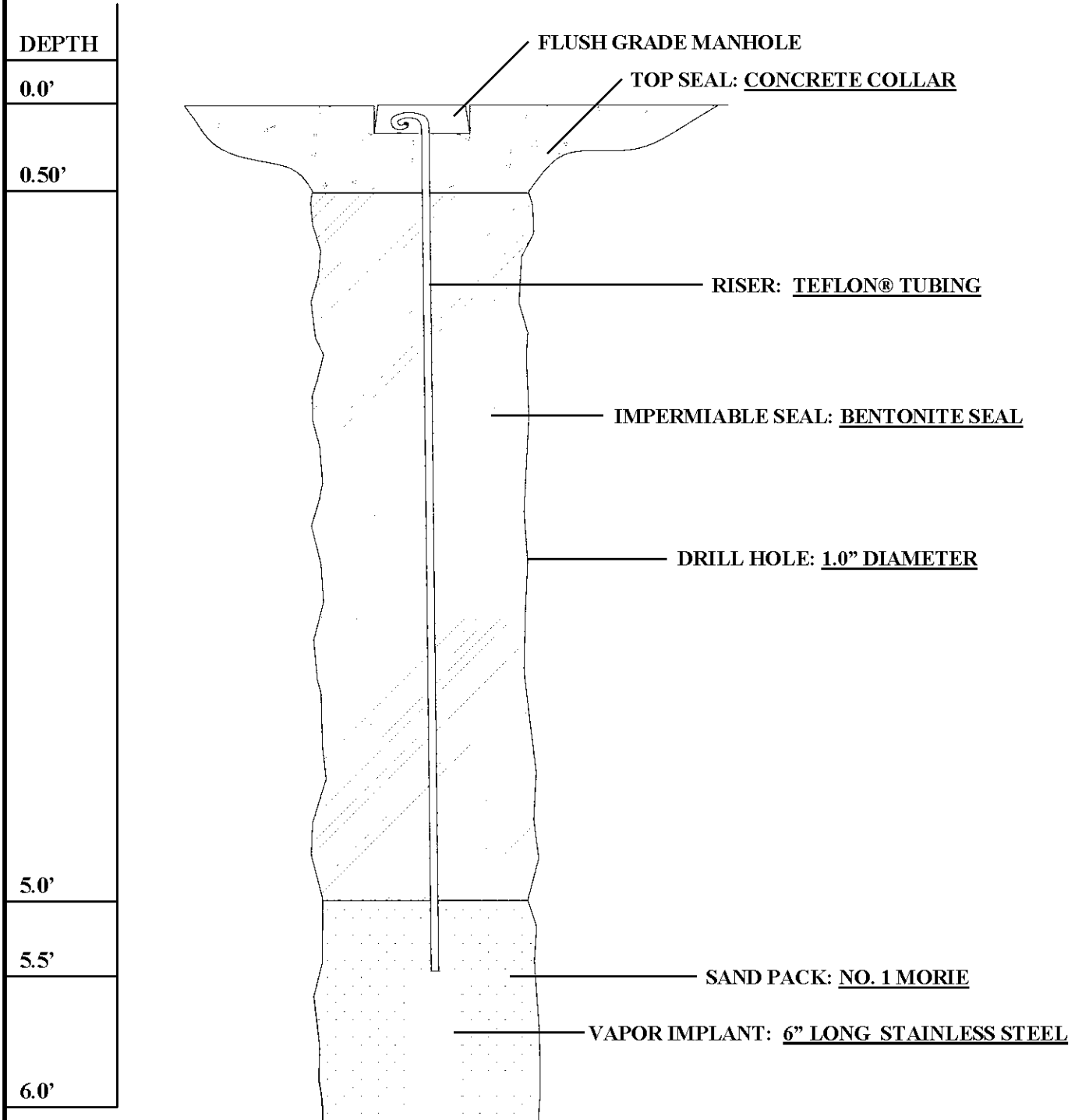
Project: Site Characterization - Lewis Brothers	Date Started: June 12, 2008
Client: Ruth Lewis	Date Finished: June 12, 2008
Purpose: Vapor Point Installation	
Contractor: Eichelbergers, Incorporated	Boring Number: VP-1
Driller: Mike Livingston	Job Number: 27058.03
Geologist: Martin Gilgallon, P.G.	Sheet: 1 of 1

TIME LOG		Begin	Finish	Depth	S.W.L. Elevation TOC	TOC/GL Surface
Dept (feet)	Sample No's	9:15	9:36	6.0'	Lithologic Description	Notes
---	SS-1	-----	Rec: 4.0'		0.0' - 4.0'	Asphalt Surface
1---	0'-4'	-----	PID: 0.0 ppm		Asphalt with base to 1.0',	Dry
---	(09:15)	-----	No Odor		change to red-brown sand	
2---		-----			and silt with abundant	
---		-----			angular sandstone cobbles	
3---		-----			and pebbles	
---		-----				
4---	SS-2	-----	Rec: 3.0'		4.0' - 6.0'	Dry
---	4'-8'	-----	PID: 0.0 ppm		Red-brown sand and silt	
5---	(09:36)	-----	No Odor		with some clay and angular	
---		-----			sandstone pebbles	
6---		-----				
---		-----				
7---		-----				
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Log Prepared By:  
Martin Gilgallon, P.G.



**VAPOR POINT CONSTRUCTION DETAIL**



NOT TO SCALE

**SITE CHARACTERIZATION ACTIVITIES**  
**LEWIS BROTHERS GARAGE PROPERTY**  
**VAPOR POINT ONE (VP-1)**



Pennsylvania Tectonics, Inc.

TEST BORING LOG

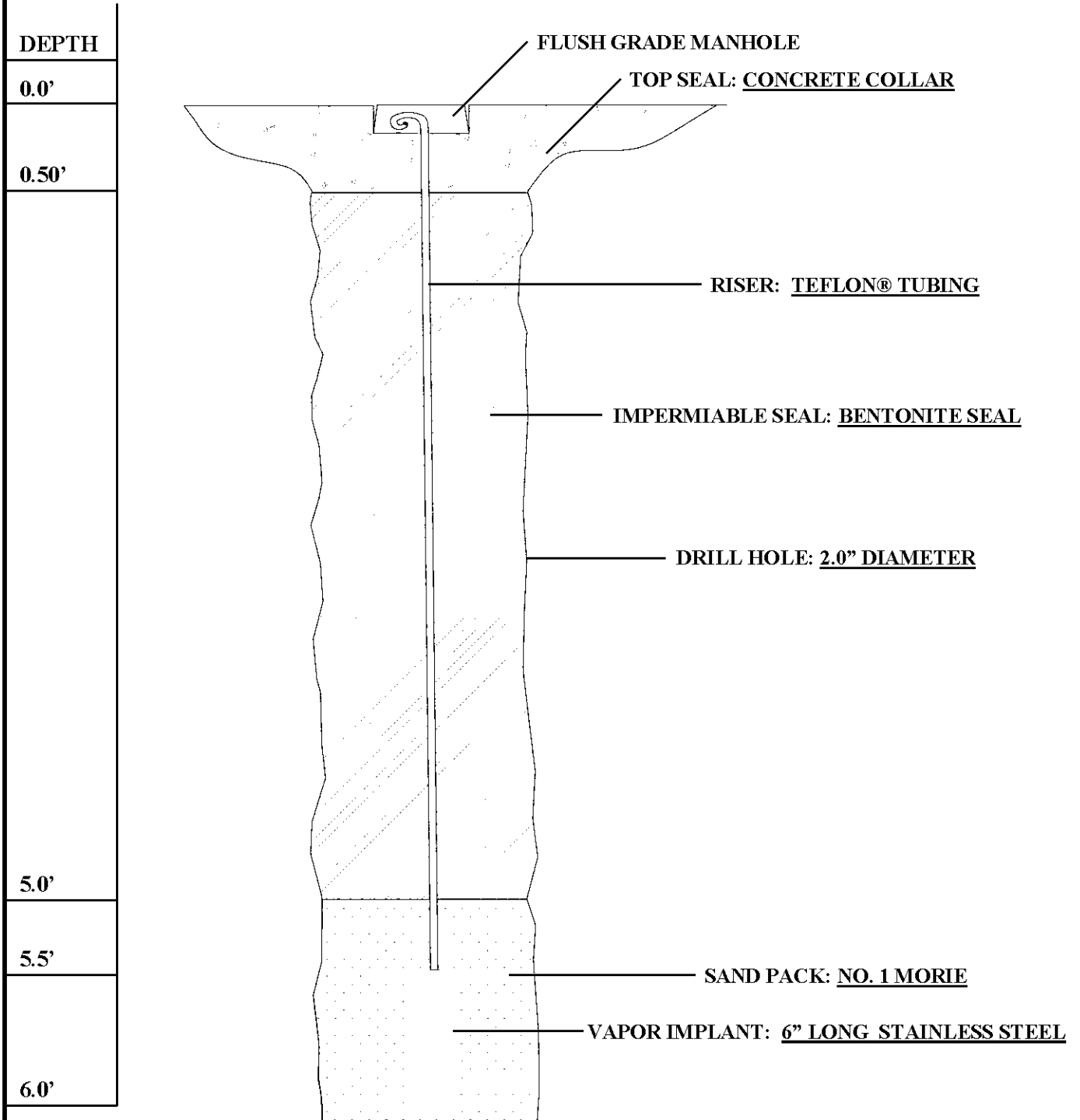
Project: Site Characterization - Lewis Brothers	Date Started: November 18, 2015
Client: Ruth Lewis	Date Finished: November 18, 2015
Purpose: Vapor Point Installation	
Contractor: Odyssey Environmental Services	Boring Number: VP-1A
Driller: Zach Hoppes	Job Number: 27058.03
Inspector: Kevin Cucura	Sheet: 1 of 1

TIME LOG		Begin	Finish	Depth	S.W.L. Elevation TOC	TOC/GL Surface
Dept (feet)	Sample No's	Blow Counts	Visual Log Description	Lithologic Description	Notes	
---	SS-1	-----	Rec: 4.7'	0.0' - 5.0'	Asphalt Surface	
1---	0'-5'	-----	PID: 0.0 ppm	Dark reddish brown silt		
---	(12:32)	-----	No Odor	and clay with some sand	Damp	
2---		-----		and pulverized sandstone		
---		-----		fragments		
3---		-----				
---		-----				
4---		-----				
---		-----				
5---	SS-2	-----	Rec: 0.8'	5.0' - 6.0'	Damp	
---	5'-10'	-----	PID: 0.0 ppm	Dark reddish brown silt		
6---	(12:38)	-----	No Odor	and clay with some sand		
---		-----		and pulverized sandstone		
7---		-----		fragments		
---		-----				
8---		-----				
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Log Prepared By:  
Martin Gilgallon, P.G.



**VAPOR POINT CONSTRUCTION DETAIL**



NOT TO SCALE

**SITE CHARACTERIZATION ACTIVITIES  
 LEWIS BROTHERS GARAGE PROPERTY  
 VAPOR POINT ONE REPLACEMENT (VP-1A)**

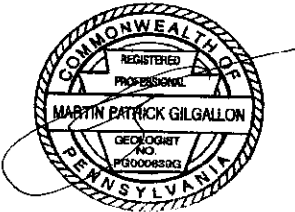
Pennsylvania Tectonics, Inc.

TEST BORING LOG

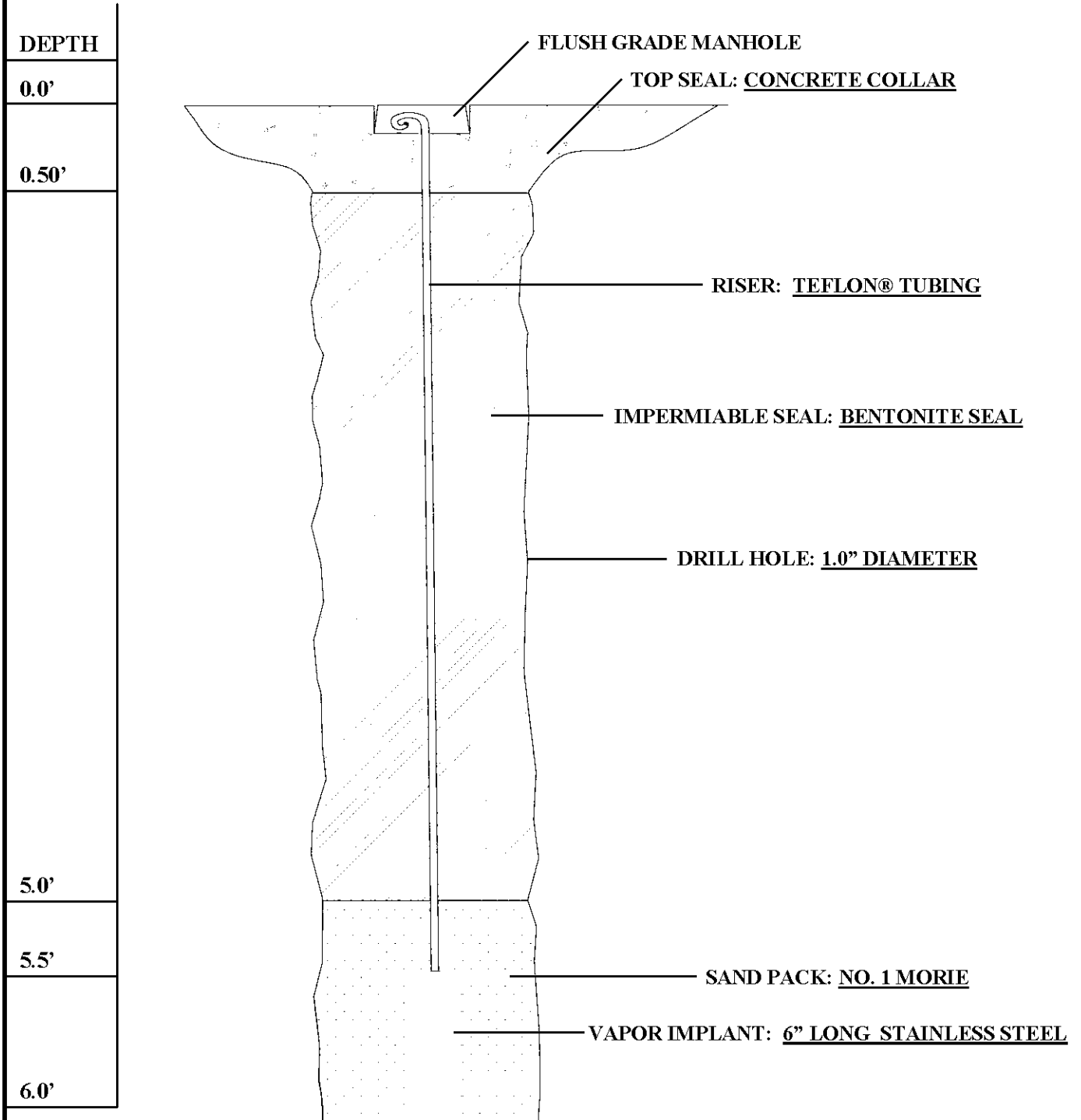
Project: Site Characterization - Lewis Brothers	Date Started: June 12, 2008
Client: Ruth Lewis	Date Finished: June 12, 2008
Purpose: Vapor Point Installation	
Contractor: Eichelbergers, Incorporated	Boring Number: VP-2
Driller: Mike Livingston	Job Number: 27058.03
Geologist: Martin Gilgallon, P.G.	Sheet: 1 of 1

TIME LOG		Begin	Finish	Depth	S.W.L. Elevation TOC	TOC/GL Surface
Dept (feet)	Sample No's	9:48	10:00	6.0'	Lithologic Description	Notes
---	SS-1	-----	Rec: 4.0'		0.0' - 4.0'	Asphalt Surface
1---	0'-4'	-----	PID: 0.0 ppm		Asphalt with base to 0.75',	Dry
---	(09:48)	-----	No Odor		change to gray sand and	
2---		-----			silt with trace clay to 1.75',	
---		-----			change to red-brown sand	
3---		-----			and silt with trace clay and	
---		-----			angular sandstone pebbles	
4---	SS-2	-----	Rec: 3.0'		4.0' - 6.0'	Dry
---	4'-8'	-----	PID: 0.0 ppm		Red-brown silt and sand	
5---	(09:56)	-----	No Odor		with trace clay and angular	
---		-----			sandstone pebbles and	
6---		-----			cobbles	
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Log Prepared By:  
Martin Gilgallon, P.G.



## VAPOR POINT CONSTRUCTION DETAIL



NOT TO SCALE

**SITE CHARACTERIZATION ACTIVITIES**  
**LEWIS BROTHERS GARAGE PROPERTY**  
**VAPOR POINT TWO (VP-2)**

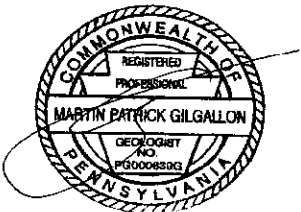
Pennsylvania Tectonics, Inc.

TEST BORING LOG

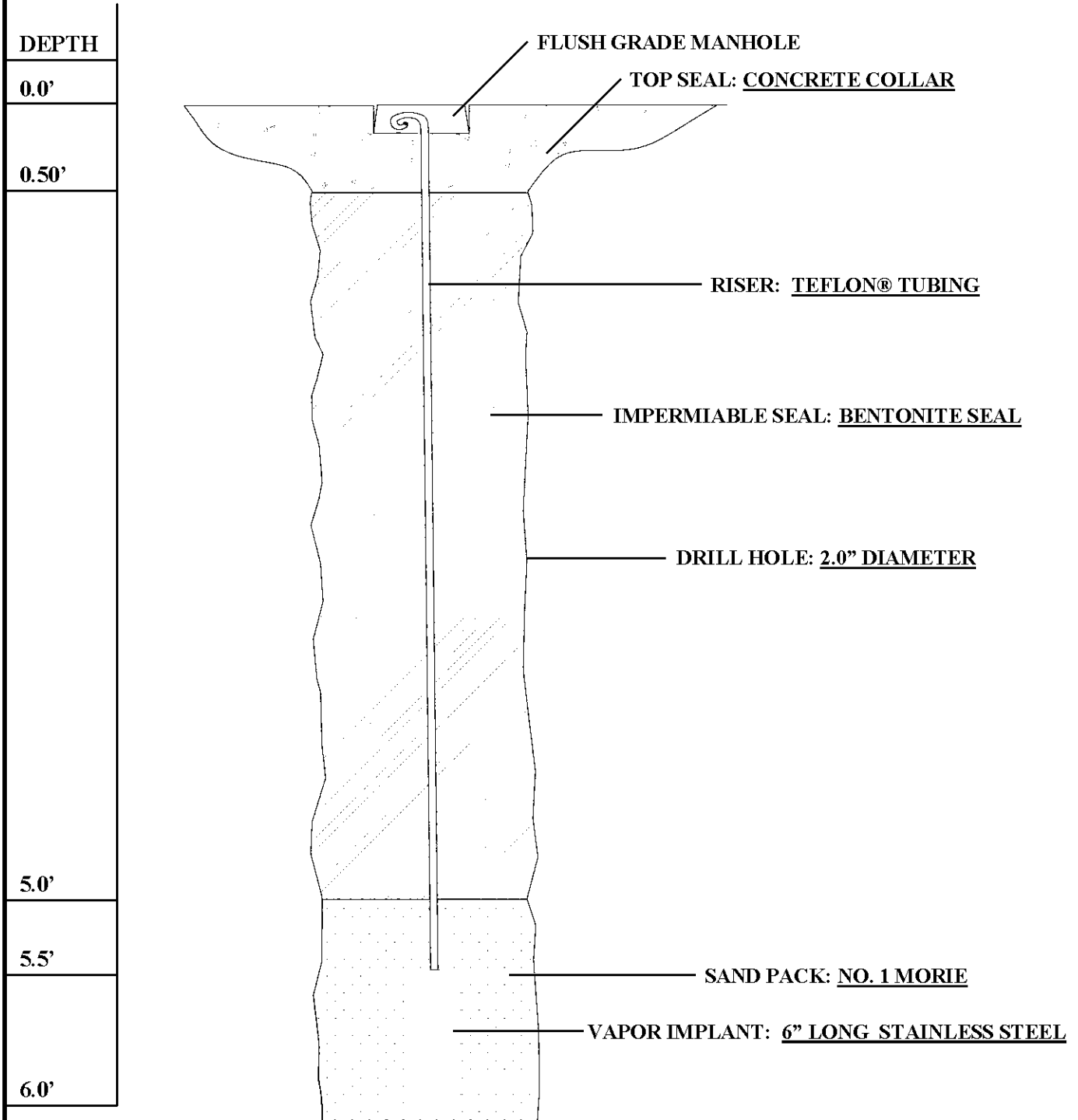
Project: Site Characterization - Lewis Brothers	Date Started: November 18, 2015
Client: Ruth Lewis	Date Finished: November 18, 2015
Purpose: Vapor Point Installation	
Contractor: Odyssey Environmental Services	Boring Number: VP-2A
Driller: Zach Hoppes	Job Number: 27058.03
Inspector: Kevin Cucura	Sheet: 1 of 1

TIME LOG		Begin	Finish	Depth	S.W.L. Elevation TOC	TOC/GL Surface
Dept (feet)	Sample No's	12:15	12:20	6.0'	Lithologic Description	Notes
---	SS-1	-----	Rec: 3.2'		0.0' - 5.0'	Gravel surface
1---	0'-5'	-----	PID: 0.0 ppm		Modified fill material	Dry
---	(12:15)	-----	No Odor			
2---		-----				
---		-----				
3---		-----				
---		-----				
4---		-----				
---		-----				
5---	SS-2	-----	Rec: 0.8'		5.0' - 6.0'	Damp
---	5'-10'	-----	PID: 34.0 ppm		Dark reddish brown silt and	
6---	(12:20)	-----			clay with some sand and	
---		-----			sub-angular pebbles	
7---		-----				
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Log Prepared By:  
Martin Gilgallon, P.G.



## VAPOR POINT CONSTRUCTION DETAIL



NOT TO SCALE

**SITE CHARACTERIZATION ACTIVITIES**  
**LEWIS BROTHERS GARAGE PROPERTY**  
**VAPOR POINT TWO REPLACEMENT (VP-2A)**

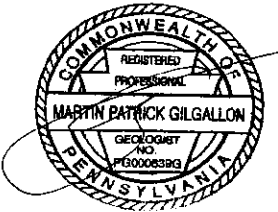
Pennsylvania Tectonics, Inc.

TEST BORING LOG

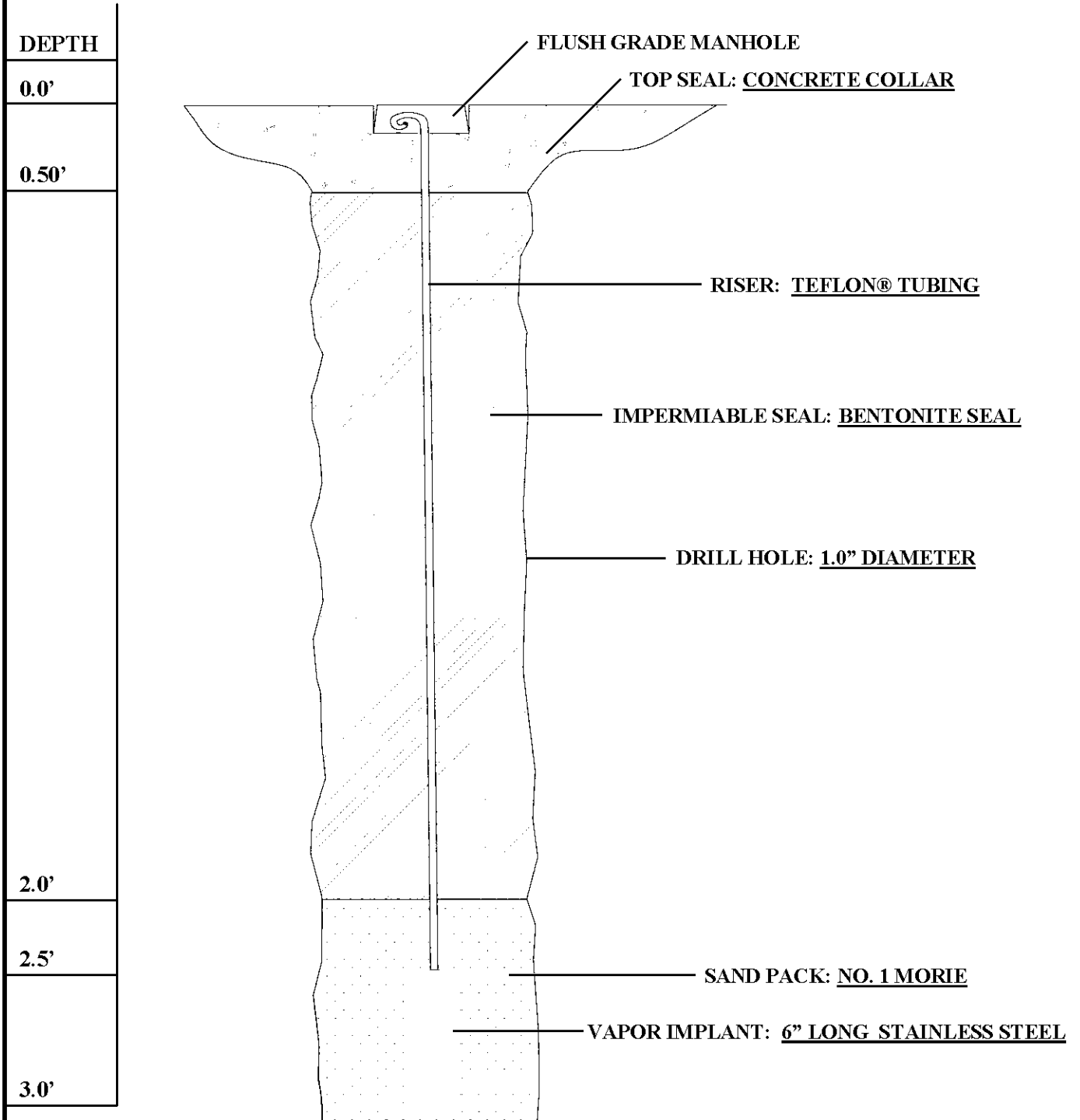
Project: Site Characterization - Lewis Brothers	Date Started: June 12, 2008
Client: Ruth Lewis	Date Finished: June 12, 2008
Purpose: Vapor Point Installation	
Contractor: Eichelbergers, Incorporated	Boring Number: VP-3
Driller: Mike Livingston	Job Number: 27058.03
Geologist: Martin Gilgallon, P.G.	Sheet: 1 of 1

TIME LOG		Begin	Finish	Depth	S.W.L. Elevation TOC	TOC/GL Surface
Dept (feet)	Sample No's	Blow Counts	Visual Log Description	Lithologic Description	Notes	
---	SS-1	-----	Rec: 3.0'	0.0' - 4.0'	Dirt Surface	
1---	0'-4'	-----	PID: 0.0 ppm	Mixed clay and brown sand	Wet at 3.8'	
---	(10:20)	-----		with abundant angular /		
2---		-----		sub-angular pebbles and		
---		-----		cobbles		
3---		-----				
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Log Prepared By:  
Martin Gilgallon, P.G.



**VAPOR POINT CONSTRUCTION DETAIL**



NOT TO SCALE

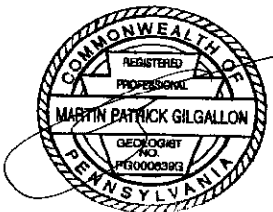
**SITE CHARACTERIZATION ACTIVITIES  
LEWIS BROTHERS GARAGE PROPERTY  
VAPOR POINT THREE (VP-3)**



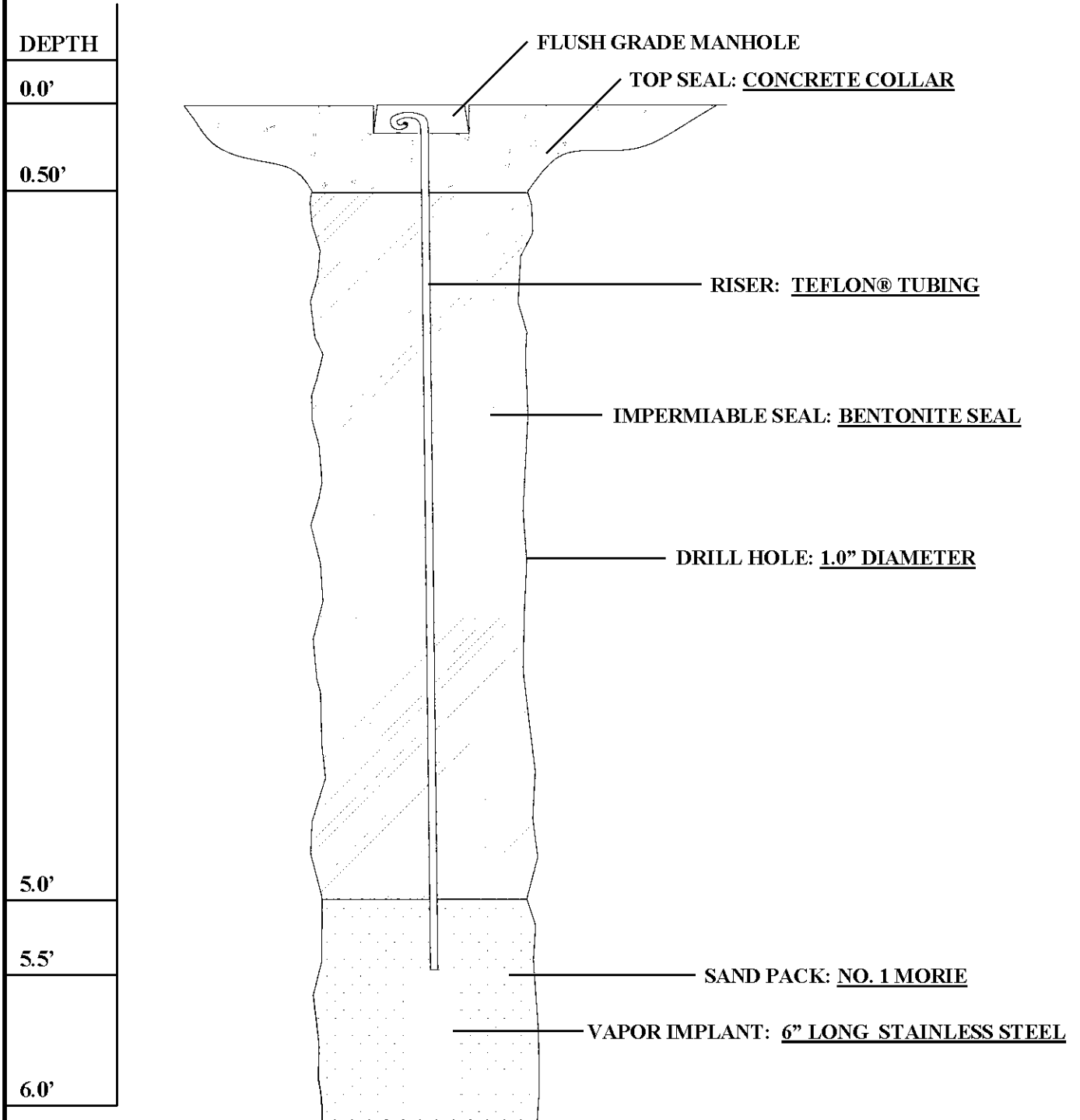
Project: Site Characterization - Lewis Brothers	Date Started: June 12, 2008
Client: Ruth Lewis	Date Finished: June 12, 2008
Purpose: Vapor Point Installation	
Contractor: Eichelbergers, Incorporated	Boring Number: VP-4
Driller: Mike Livingston	Job Number: 27058.03
Geologist: Martin Gilgallon, P.G.	Sheet: 1 of 1

TIME LOG		Begin	Finish	Depth	S.W.L. Elevation TOC	TOC/GL Surface
Dept (feet)	Sample No's	10:35	10:43	6.0'	Lithologic Description	Notes
---	SS-1	-----	Rec: 2.5'		0.0' - 4.0'	Broken Asphalt
1---	0'-4'	-----	PID: 0.0 ppm		Broken asphalt, mixed fill	Dry
---	(10:39)	-----	No Odor		and carbonaceous fill to 3.5',	
2---		-----			change to very dark brown	
---		-----			gray silt and clay	
3---		-----				
---		-----				
4---	SS-2	-----	Rec: 2.0'		4.0' - 6.0'	Dry
---	4'-8'	-----	PID: 0.0 ppm		Very dark brown gray silt and	
5---	(10:43)	-----	No Odor		clay to 4.3', change to red-	
---		-----			brown sand and silt with	
6---		-----			some clay and angular	
---		-----			pebbles	
7---		-----				
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Log Prepared By:  
Martin Gilgallon, P.G.



**VAPOR POINT CONSTRUCTION DETAIL**



NOT TO SCALE

**SITE CHARACTERIZATION ACTIVITIES  
 LEWIS BROTHERS GARAGE PROPERTY  
 VAPOR POINT FOUR (VP-4)**

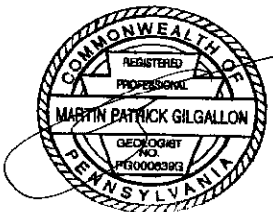
Pennsylvania Tectonics, Inc.

TEST BORING LOG

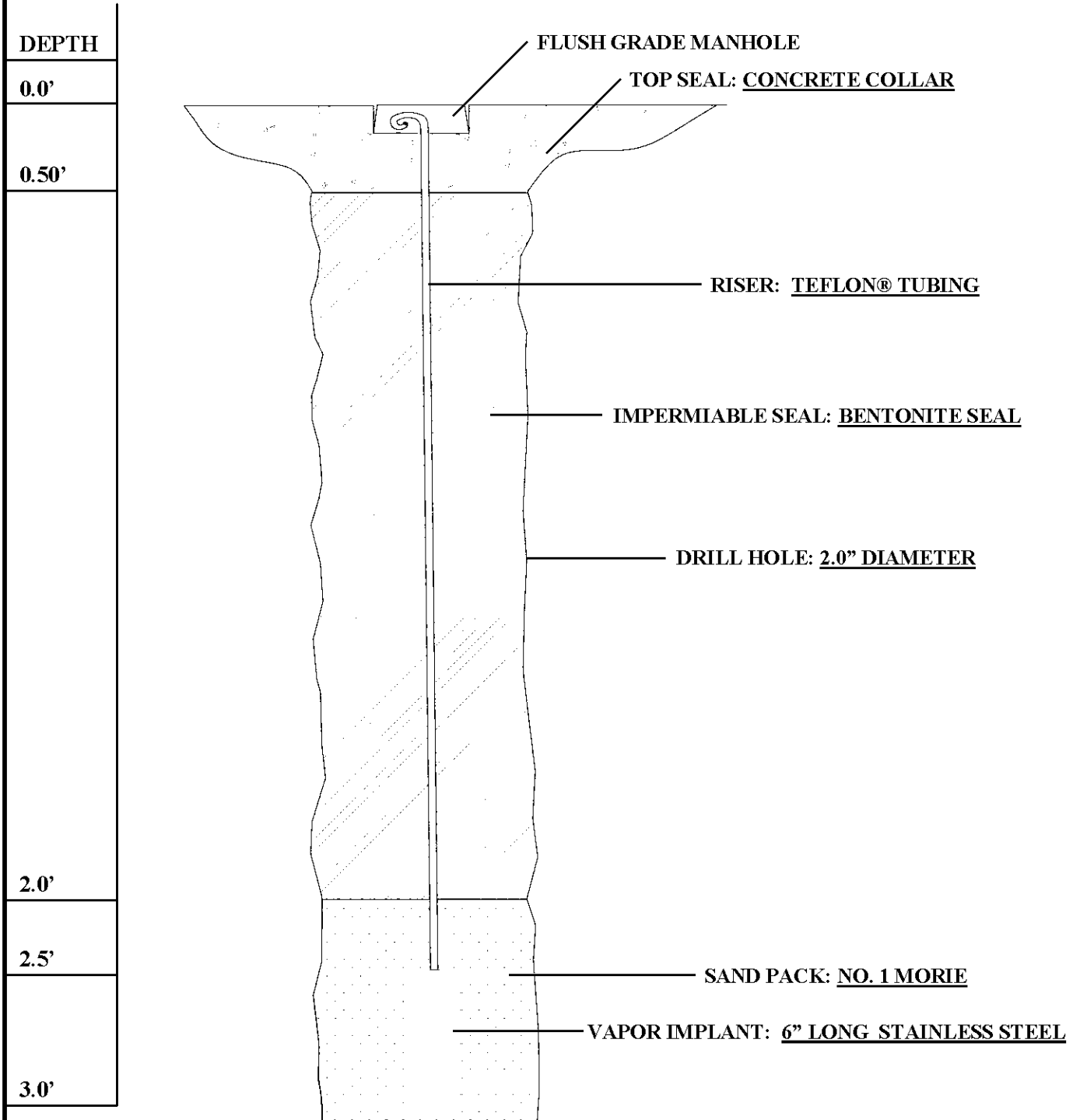
Project: Site Characterization - Lewis Brothers	Date Started: November 18, 2015
Client: Mrs. Ruth Lewis	Date Finished: November 18, 2015
Purpose: Vapor Point Installation	
Contractor: Odyssey Environmental Services	Boring Number: VP-4A
Driller: Zach Hoppes	Job Number: 27058.03
Inspector: Kevin Cucura	Sheet: 1 of 1

TIME LOG		Begin	Finish	Depth	S.W.L. Elevation TOC	TOC/GL Surface
Dept (feet)	Sample No's	Blow Counts	Visual Log Description	Lithologic Description	Notes	
---	SS-1	-----	Rec: 4.4'	0.0' - 4.0'	Gravel surface	
1---	0'-5'	-----	PID: 0.0 ppm	Dark brown sand and silt	Moist 0.0' - 3.5'	
---	(13:22)	-----	No Odor	with clay and abundant		
2---		-----		pulverized sandstone		
---		-----		fragments		
3---		-----			Wet 3.5' - 4.0'	
---		-----				
4---		-----			Moist 4.0' - 5.0'	
---		-----				
5---	SS-2	-----	Rec: 0.7'	5.0' - 6.0'	Wet 5.0' - 6.0'	
---	5'-10'	-----	PID: 0.0 ppm	Dark brown sand, silt and		
6---	(13:28)	-----	No Odor	clay with abundant		
---		-----		pulverized sandstone		
7---		-----		fragments		
---		-----				
8---		-----			Note: The test boring was backfilled to 3.0' below grade due to the presence of shallow groundwater. The vapor implat was set in a sand pack from 3.0' - 2.0' below grade. A bentonite seal was placed from 2.0' to grade surface.	
9---		-----				
10---		-----				
---		-----				
11---		-----				
---		-----				
12---		-----				
---		-----				
13---		-----				
---		-----				
14---		-----				
---		-----				
15---		-----				
---		-----				
16---		-----				
---		-----				
17---		-----				
---		-----				
18---		-----				
---		-----				
19---		-----				
---		-----				

Log Prepared By:  
Martin Gilgallon, P.G.



**VAPOR POINT CONSTRUCTION DETAIL**



NOT TO SCALE

**SITE CHARACTERIZATION ACTIVITIES  
 LEWIS BROTHERS GARAGE PROPERTY  
 VAPOR POINT FOUR REPLACEMENT (VP-4A)**

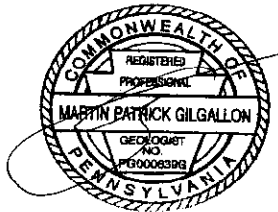
Pennsylvania Tectonics, Inc.

TEST BORING LOG

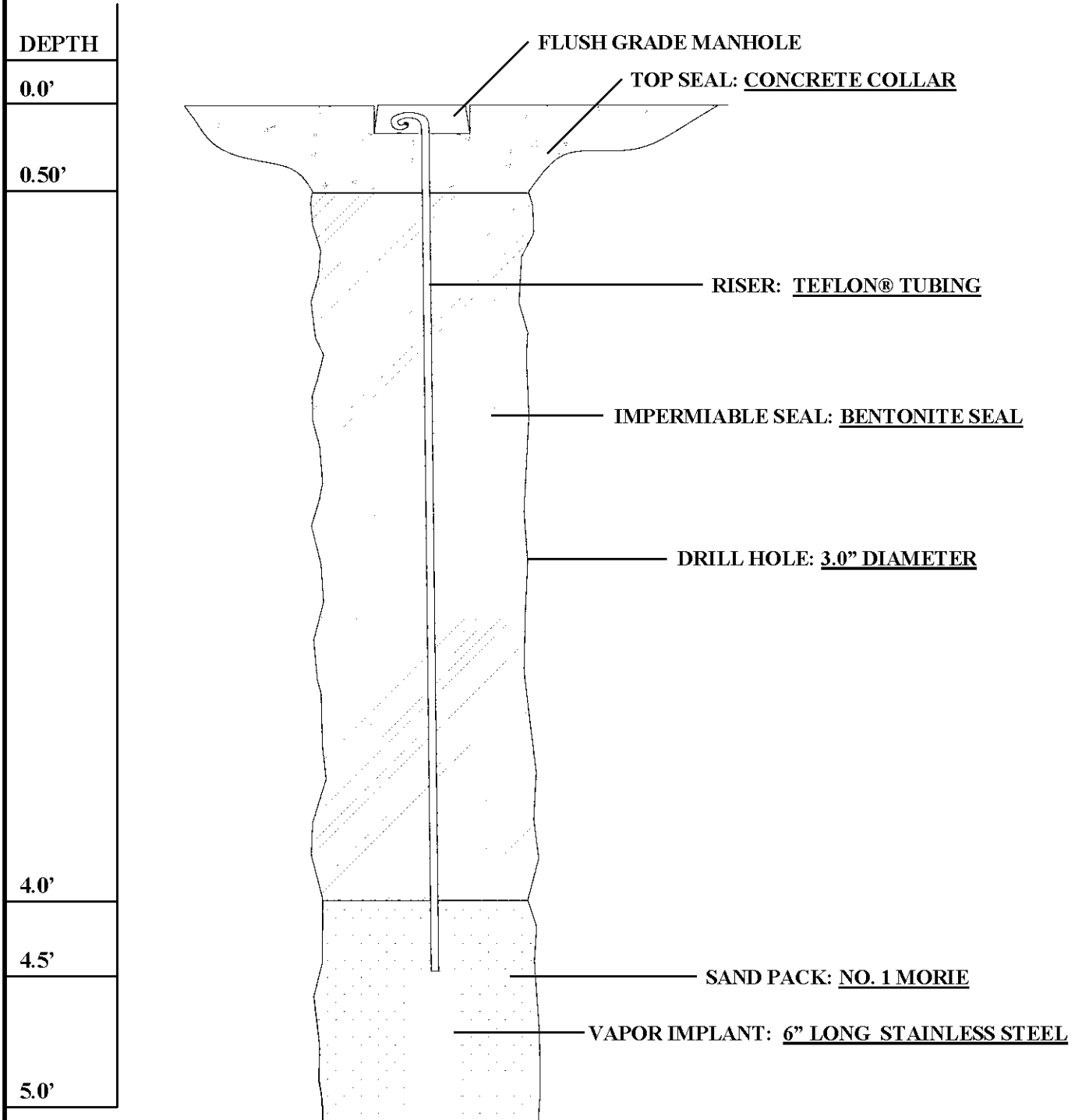
Project: Site Characterization - Lewis Brothers	Date Started: May 28, 2015
Client: Ruth Lewis	Date Finished: May 28, 2015
Purpose: Vapor Point Installation	
Contractor: Pennsylvania Tectonics, Inc.	Boring Number: VP-5
Driller: Kevin Cucura	Job Number: 27058.03
Inspector: Kevin Cucura	Sheet: 1 of 1

TIME LOG		Begin	Finish	Depth	S.W.L. Elevation TOC	TOC/GL Surface
Dept (feet)	Sample No's	9:00	10:30	5.0'	Lithologic Description	Notes
---	SS-1	-----	Rec: NA		0.0' - 4.0'	Grass Surface
1---	0'-4'	-----	PID: 0.0 ppm		Dark reddish brown silt and	Dry
---	(9:30)	-----	No Odor		clay with some sand and	
2---		-----			sandstone fragments	
---		-----				
3---		-----				
---		-----				
4---	SS-2	-----	Rec: NA		4.0' - 5.0'	Dry
---	4'-8'	-----	PID: 0.0 ppm		Dark reddish brown silt and	
5---	(10:30)	-----	No Odor		clay with some sand and	
---		-----			sandstone fragments	
6---		-----				
---		-----				
7---		-----				
---		-----				
8---		-----				
---		-----				
9---		-----				
---		-----				
10---		-----				
---		-----				
11---		-----				
---		-----				
12---		-----				
---		-----				
13---		-----				
---		-----				
14---		-----				
---		-----				
15---		-----				
---		-----				
16---		-----				
---		-----				
17---		-----				
---		-----				
18---		-----				
---		-----				
19---		-----				
---		-----				

Log Prepared By:  
Martin Gilgallon, P.G.



**VAPOR POINT CONSTRUCTION DETAIL**



NOT TO SCALE

**SITE CHARACTERIZATION ACTIVITIES  
 LEWIS BROTHERS GARAGE PROPERTY  
 VAPOR POINT FIVE (VP-5)**

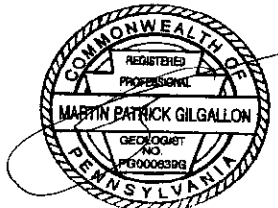
Pennsylvania Tectonics, Inc.

TEST BORING LOG

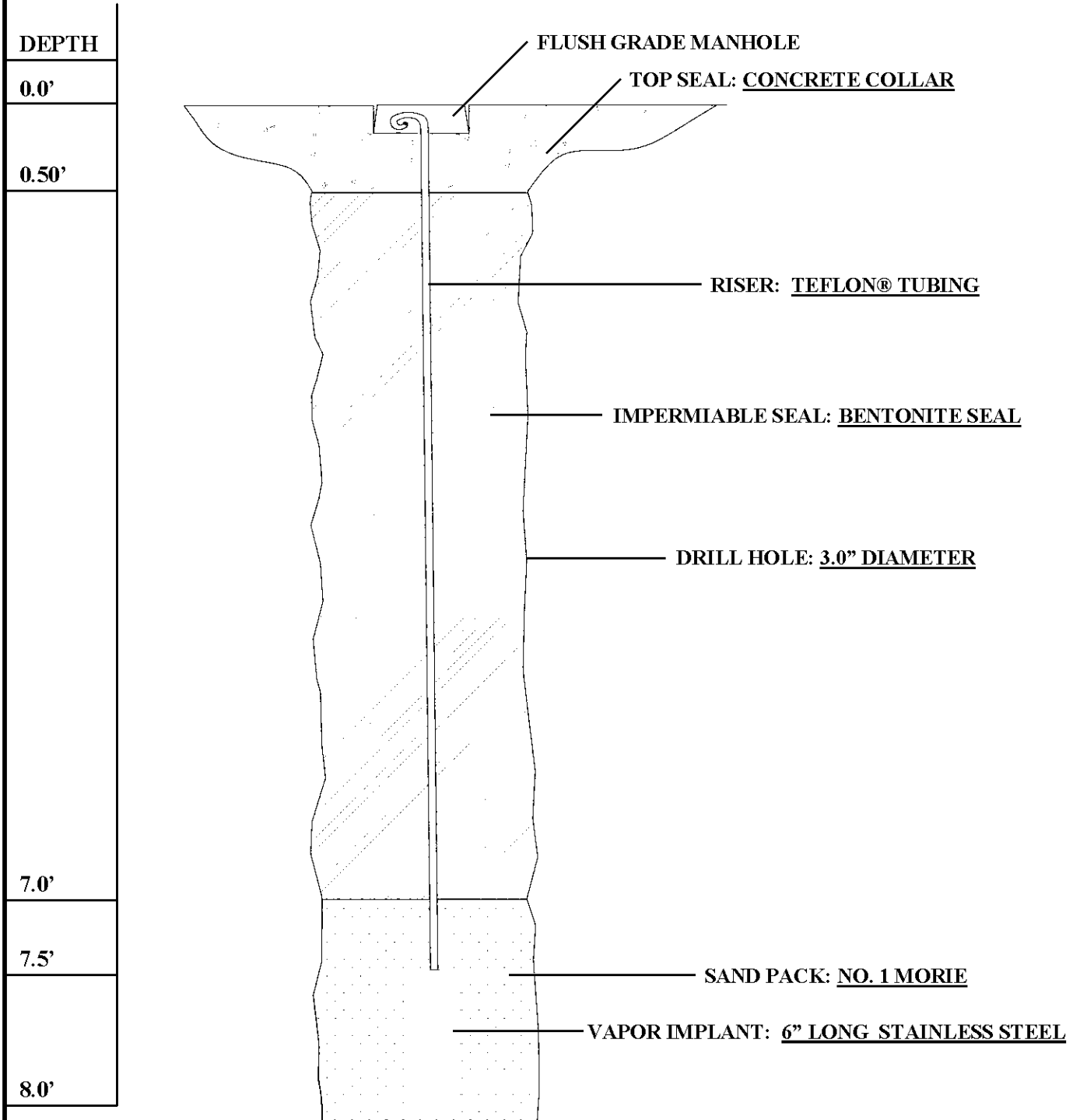
Project: Site Characterization - Lewis Brothers	Date Started: May 28, 2015
Client: Ruth Lewis	Date Finished: May 28, 2015
Purpose: Vapor Point Installation	
Contractor: Pennsylvania Tectonics, Inc.	Boring Number: VP-6
Driller: Kevin Cucura	Job Number: 27058.03
Inspector: Kevin Cucura	Sheet: 1 of 1

TIME LOG		Begin	Finish	Depth	S.W.L. Elevation TOC	TOC/GL Surface
Dept (feet)	Sample No's	11:15	12:30	8.0'	Lithologic Description	Notes
---	SS-1	-----	Rec: NA		0.0' - 4.0'	Grass Surface
1---	0'-4'	-----	PID: 0.0 ppm		Dark reddish brown silt and	Dry
---	(11:45)	-----	No Odor		clay with some sand and	
2---		-----			sandstone fragments	
---		-----				
3---		-----				
---		-----				
4---	SS-2	-----	Rec: NA		4.0' - 8.0'	Dry
---	4'-8'	-----	PID: 0.0 ppm		Dark reddish brown silt and	
5---	(12:30)	-----	No Odor		clay with some sand and	
---		-----			sandstone fragments	
6---		-----				
---		-----				
7---		-----				
---		-----				
8---		-----				
---		-----				
9---		-----				
---		-----				
10---		-----				
---		-----				
11---		-----				
---		-----				
12---		-----				
---		-----				
13---		-----				
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14---		-----				
---		-----				
15---		-----				
---		-----				
16---		-----				
---		-----				
17---		-----				
---		-----				
18---		-----				
---		-----				
19---		-----				
---		-----				

Log Prepared By:  
Martin Gilgallon, P.G.



**VAPOR POINT CONSTRUCTION DETAIL**



NOT TO SCALE

**SITE CHARACTERIZATION ACTIVITIES**  
**LEWIS BROTHERS GARAGE PROPERTY**  
**VAPOR POINT SIX (VP-6)**



**Pennsylvania Tectonics, Inc.**

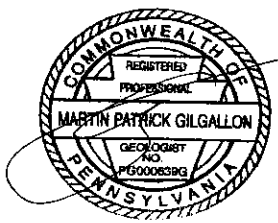
**TEST BORING LOG**

Project: Lewis Brothers Garage	Date Started: November 11, 2015
Client: Mrs. Ruth Lewis	Date Finished: November 11, 2015
Purpose: Vapor Point Installation	
Contractor: Odyssey Environmental Services	Boring Number: VP-6A
Driller: Zach Hoppes	Job Number: 27058.03
Inspector: Kevin Cucura	Sheet: 1 of 1

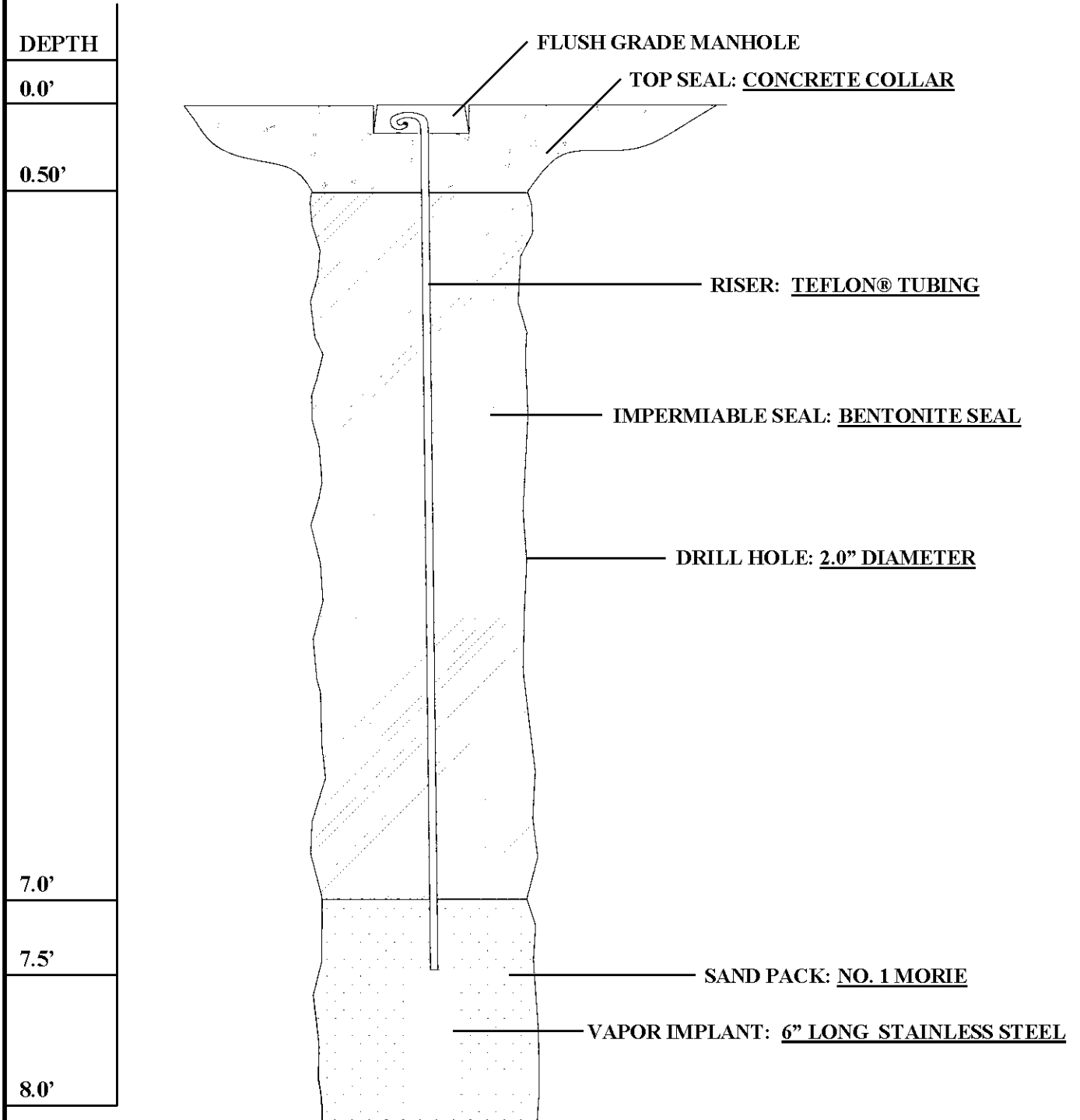
TIME LOG	Begin	Finish	Depth	S.W.L.	TOC/GL
	14:22	14:41	8.0'	Elevation TOC	Surface

Dept (feet)	Sample No's	PID (ppm)	Field Assessment Log	Lithologic Description	Notes
---	SS-1		Rec: 4.8'	0.0' - 5.0'	Grass Surface
1---	0'-5'	0.0		Dark reddish brown silt and clay with some sand and pulverized sandstone fragments	Dry / Damp
2---		0.0			
3---					
4---					
5---	SS-2	0.0	Rec: 5.0'	5.0' - 8.0'	Damp
6---	5'-10'			Dark reddish brown silt and clay with some sand and pulverized sandstone fragments	
7---	(14:32)	0.0			
8---					
9---					
10---	SS-3				
11---	10'-15'				
12---					
13---					
14---					
15---					
16---					
17---					
18---					
19---					
---					

Log Approved By:  
Martin Gilgallon, P.G.



**VAPOR POINT CONSTRUCTION DETAIL**



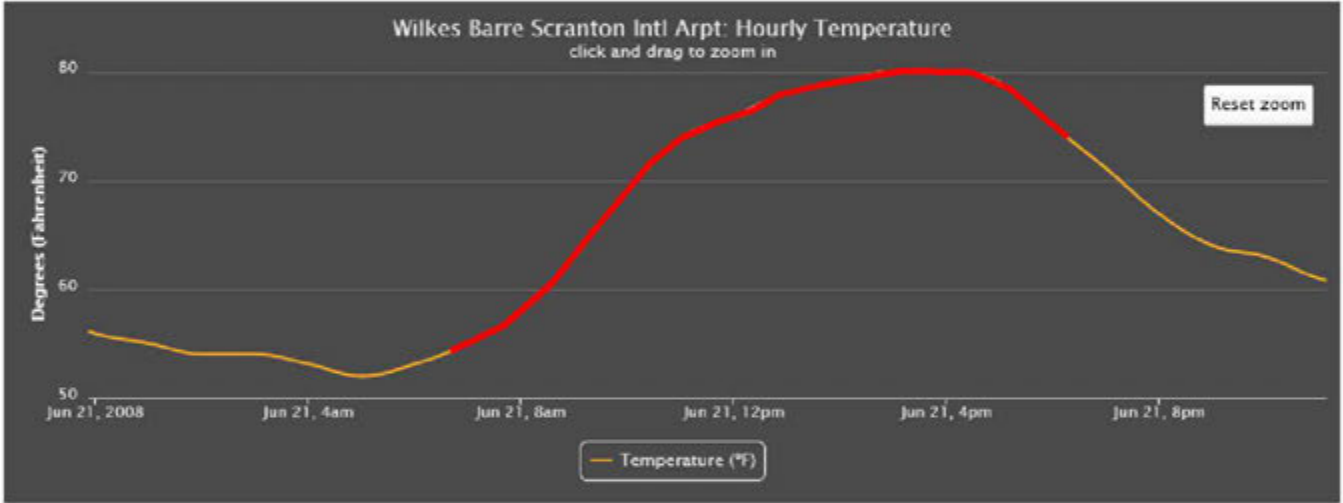
NOT TO SCALE

**SITE CHARACTERIZATION ACTIVITIES  
 LEWIS BROTHERS GARAGE PROPERTY  
 VAPOR POINT SIX REPLACEMENT (VP-6A)**

APPENDIX FF

Weather Data – Soil-Vapor Sampling Events

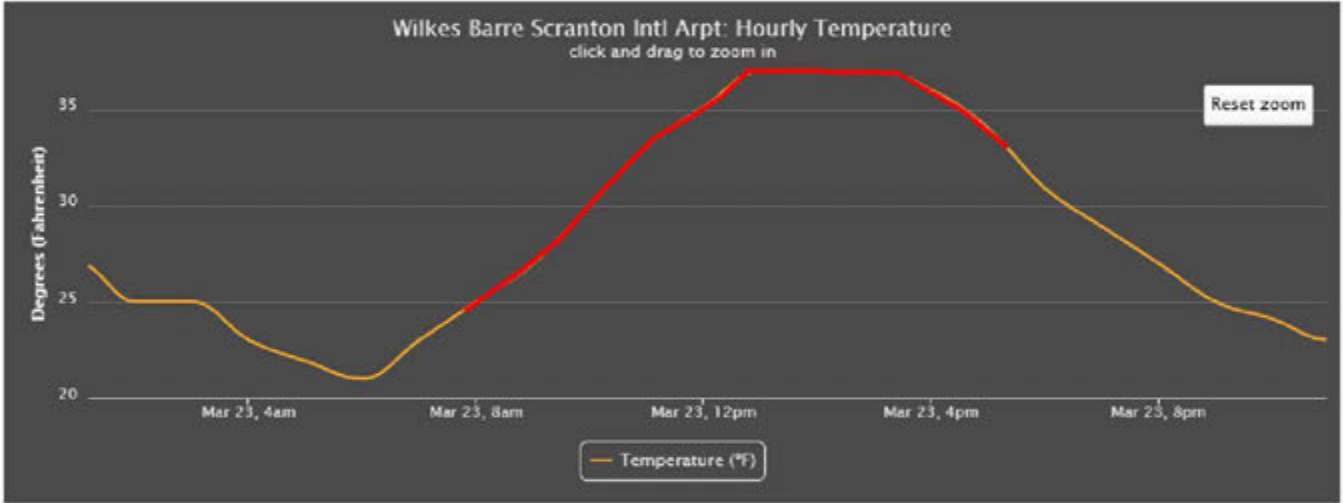
Average Temperatures at Wilkes-Barre Scranton International Airport  
June 21, 2008



Source: [www.weathersource.com](http://www.weathersource.com)

— = Sample Interval

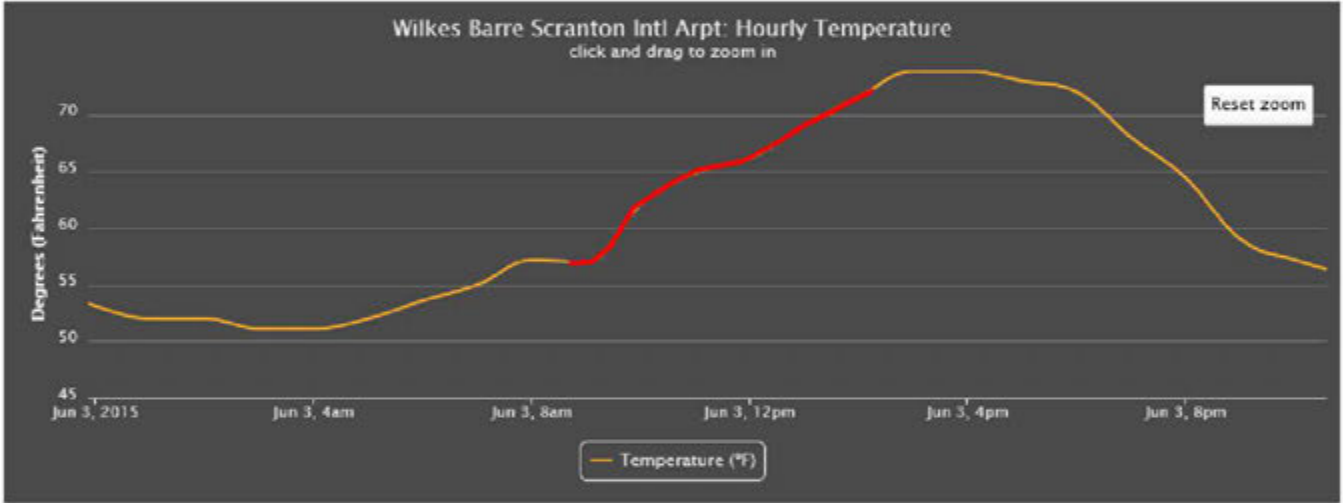
Average Temperatures at Wilkes-Barre Scranton International Airport  
March 23, 2009



Source: [www.weathersource.com](http://www.weathersource.com)

— = Sample Interval

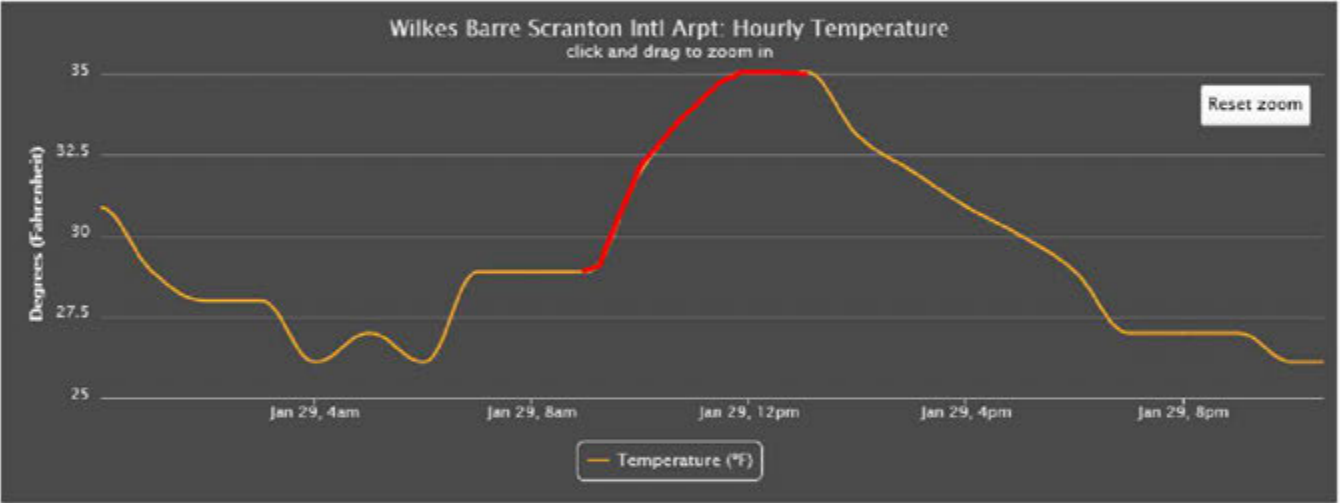
Average Temperatures at Wilkes-Barre Scranton International Airport  
June 3, 2015



Source: [www.weathersource.com](http://www.weathersource.com)

— = Sample Interval

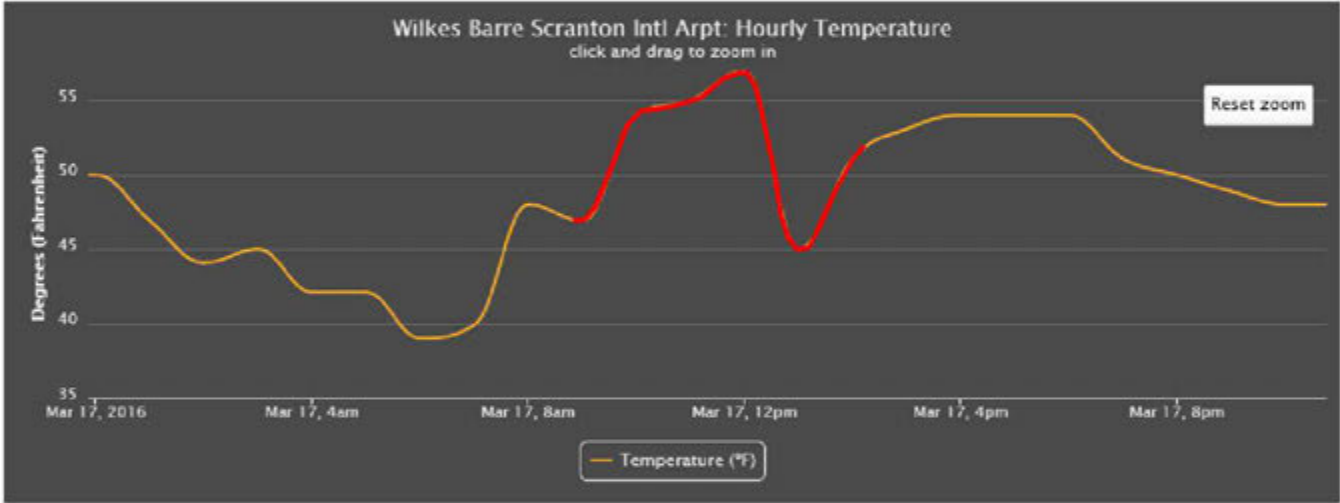
Average Temperatures at Wilkes-Barre Scranton International Airport  
January 29, 2016



Source: [www.weathersource.com](http://www.weathersource.com)

— = Sample Interval

Average Temperatures at Wilkes-Barre Scranton International Airport  
March 17, 2016



Source: [www.weathersource.com](http://www.weathersource.com)



APPENDIX GG

Soil Vapor Analytical Summary Tables and Analytical Data Sheets

06/10/16

**Table GG-1**  
**Lewis Brothers Garage**  
**Soil-Vapor Sampling Analytical Table**  
**June 21, 2008**

Parameter	Molecular Wt.	VP-1 (mg/m <sup>3</sup> )	VP-2 (mg/m <sup>3</sup> )	VP-2 Dup (mg/m <sup>3</sup> )	VP-3 (mg/m <sup>3</sup> )	VP-4 (mg/m <sup>3</sup> )	MSC <sub>100</sub> (mg/m <sup>3</sup> )	Attenuation (mg/m <sup>3</sup> )	MSC <sub>10</sub> (mg/m <sup>3</sup> )
Benzene	78	<b>0.005519</b>	<b>0.153129</b>	NA	<b>0.004817</b>	<b>0.005169</b>	0.0027	0.01	0.27
EDB	187.86	NA	NA	NA	NA	NA	0.000095	0.01	0.0095
EDC	98.96	NA	NA	NA	NA	NA	0.00081	0.01	0.081
Ethylbenzene	106	<b>0.005202</b>	<0.134397	NA	<b>0.009971</b>	<b>0.009104</b>	0.019	0.01	1.9
Cumene	120.19	ND	ND	NA	ND	<b>0.001475</b>	0.54	0.01	54
MTBE	88.15	<0.003599	<0.111575	NA	<0.003599	<0.00072	0.081	0.01	8.1
Naphthalene	128.17	NR	NR	NA	NR	NR	0.0042	0.01	0.42
Toluene	92	<b>0.026716</b>	<b>0.124172</b>	NA	<b>0.816524</b>	<b>0.059452</b>	0.58	0.01	58
Total Xylenes	108	<b>0.022544</b>	<b>0.381513</b>	NA	<b>0.044221</b>	<b>0.042097</b>	0.14	0.01	14
1,2,4-TMB	120	NR	NR	NA	NR	NR	0.0083	0.01	0.83
1,3,5-TMB	120	NR	NR	NA	NR	NR	0.0083	0.01	0.83

**Current Soil-Gas (SG) MSCs:** All data compared to applicable Residential MSCs included in Table 3 - Indoor Air Criteria and Odor Threshold of the Land Recycling Program Technical Guidance Manual - Section IV A.4, Effective Date January 24, 2004, PADEP Document Number 253-0300-100.

NA = Not Analyzed

ND = Compound reported as "Not Found"

NR = Compound not reported



Denotes Exceedance of the Current Residential Standard MSCs

06/10/16

**Table GG-1**  
**Lewis Brothers Garage**  
**Soil-Vapor Sampling Analytical Table**  
**March 23, 2009**

Parameter	Molecular Wt.	VP-1	VP-2	VP-2 Dup	VP-3	VP-4	MSC <sub>100</sub>	Attenuation	MSC <sub>100</sub>
		(mg/m <sup>3</sup> )	(mg/m <sup>3</sup> )	(mg/m <sup>3</sup> )	(mg/m <sup>3</sup> )	(mg/m <sup>3</sup> )	(mg/m <sup>3</sup> )	(mg/m <sup>3</sup> )	(mg/m <sup>3</sup> )
Benzene	78	<0.001595	<b>0.001946</b>	<0.001595	<b>0.002106</b>	<0.001595	0.0027	0.01	0.27
EDB	187.86	NA	NA	NA	NA	NA	0.000095	0.01	0.0095
EDC	98.96	NA	NA	NA	NA	NA	0.00081	0.01	0.081
Ethylbenzene	106	<0.002168	<b>0.005202</b>	0.003468	<b>0.005636</b>	<b>0.004769</b>	0.019	0.01	1.9
Cumene	120.19	<0.002454	<0.002454	<0.002454	<0.002454	<0.002454	0.54	0.01	54
MTBE	88.15	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	0.081	0.01	8.1
Naphthalene	128.17	<0.002621	<0.002621	<0.002621	<0.002621	<0.002621	0.0042	0.01	0.42
Toluene	92	<0.001881	<b>0.016566</b>	<b>0.012041</b>	<b>0.074127</b>	<b>0.016933</b>	0.58	0.01	58
Total Xylenes	108	<0.006503	<b>0.034683</b>	<b>0.024278</b>	<b>0.034249</b>	<b>0.030781</b>	0.14	0.01	14
1,2,4-TMB	120	<0.002454	<b>0.009816</b>	<b>0.004172</b>	<b>0.007853</b>	<b>0.006871</b>	0.0083	0.01	0.83
1,3,5-TMB	120	<0.002454	<b>0.003141</b>	<0.002454	<0.002454	<0.002454	0.0083	0.01	0.83

**Current Soil-Gas (SG) MSCs:** All data compared to applicable Residential MSCs included in Table 3 - Indoor Air Criteria and Odor Threshold of the Land Recycling Program Technical Guidance Manual - Section IV.A.4, Effective Date January 24, 2004, PADEP Document Number 253-0300-100.

NA = Not Analyzed

ND = Compound reported as "Not Found"

NR = Compound not reported



Denotes Exceedance of the Current Residential Standard MSCs

06/10/16

Table GG-1  
Lewis Brothers Garage  
Soil-Vapor Sampling Analytical Table  
June 3, 2016


Parameter	Molecular Wt.	VP-1 [mg/m <sup>3</sup> ]	VP-2 [mg/m <sup>3</sup> ]	VP-3 [mg/m <sup>3</sup> ]	VP-4 [mg/m <sup>3</sup> ]	VP-5 [mg/m <sup>3</sup> ]	VP-5 Dup [mg/m <sup>3</sup> ]	VP-6 [mg/m <sup>3</sup> ]	MSC <sub>soil</sub> [mg/m <sup>3</sup> ]	Attenuation [mg/m <sup>3</sup> ]	MSC <sub>air</sub> [mg/m <sup>3</sup> ]
Benzene	78	<0.890	<0.890	<0.0006	<0.005	<b>0.074</b>	<b>0.075</b>	<b>0.017</b>	0.0027	0.01	0.27
EDB	187.86	<2.10	<2.1	<0.002	<0.011	<0.008	<0.003	<0.014	0.000085	0.01	0.0085
EDC	98.96	<1.1	<1.1	<0.0008	<0.006	<0.004	<0.002	<0.008	0.00081	0.01	0.081
Ethylbenzene	106	<1.2	<1.2	<0.0008	<0.006	<b>0.018</b>	<b>0.021</b>	<b>0.012</b>	0.018	0.01	1.9
Cumene	120.19	<1.4	<1.4	<0.001	<0.007	<0.005	<b>0.006</b>	<0.009	0.54	0.01	54
MTBE	88.15	<1.0	<1.0	<b>0.002</b>	<0.005	<0.004	<0.001	<0.007	0.081	0.01	8.1
Naphthalene	128.17	<1.5	<1.5	<0.001	<0.008	<0.006	<b>0.006</b>	<0.010	0.0042	0.01	0.42
Toluene	92	<1.0	<1.0	<b>0.002</b>	<b>0.025</b>	<b>0.028</b>	<b>0.022</b>	<b>0.057</b>	0.56	0.01	56
Total Xylenes	106	<3.6	<3.6	<0.003	<0.019	<b>0.081</b>	<b>0.095</b>	<b>0.064</b>	0.14	0.01	14
1,2,4-TMB	120	<1.4	<1.4	<0.001	<0.007	<b>0.032</b>	<b>0.038</b>	<b>0.023</b>	0.0083	0.01	0.83
1,3,5-TMB	120	<1.4	<1.4	0.001	<0.007	<b>0.011</b>	<b>0.023</b>	<0.009	0.0083	0.01	0.83

**Current Soil-Gas (SG) MSCs:** All data compared to applicable Residential MSCs included in Table 3 - Indoor Air Criteria and Odor Threshold of the Land Recycling Program Technical Guidance Manual - Section IV.A.4; Effective Date January 24, 2004; PADEP Document Number 263-0300-100.

NA = Not Analyzed

ND = Compound reported as "Not Found"

NR = Compound not reported

 Denotes Exceedance of the Current Residential Standard MSCs

06/10/16

Table GG-1  
Lewis Brothers Garage  
Soil-Vapor Sampling Analytical Table  
January 29, 2016

Parameter	Molecular Wt.	VP-1A [mg/m <sup>3</sup> ]	VP-2A [mg/m <sup>3</sup> ]	VP-3 [mg/m <sup>3</sup> ]	VP-3 Dup [mg/m <sup>3</sup> ]	VP-4A [mg/m <sup>3</sup> ]	VP-5 [mg/m <sup>3</sup> ]	VP-6A [mg/m <sup>3</sup> ]	MSC <sub>soil</sub> [mg/m <sup>3</sup> ]	Attenuation [mg/m <sup>3</sup> ]	MSC <sub>soil</sub> [mg/m <sup>3</sup> ]
Benzene	78	<0.001	<0.006	<0.0006	<0.0006	<0.0006	<0.013	<0.003	0.0027	0.01	0.27
EDB	187.86	<0.003	<0.015	<0.002	<0.002	<0.002	<0.031	<0.007	0.000095	0.01	0.0095
EDC	98.96	<0.002	<0.009	<0.0009	<0.0009	<0.0009	<0.018	<0.004	0.00091	0.01	0.091
Ethylbenzene	106	<b>0.0036</b>	<0.009	<0.0009	<0.0009	<0.0009	<0.017	<0.004	0.019	0.01	1.9
Cumene	120.19	<0.002	<b>0.015</b>	<0.001	<0.001	<0.001	<0.020	<0.004	0.54	0.01	54
MTBE	88.15	<0.001	<0.007	<0.0007	<0.0007	<0.0007	<0.014	<0.003	0.081	0.01	8.1
Naphthalene	128.17	<0.002	<0.010	<0.001	<0.001	<0.001	<0.021	<0.005	0.0042	0.01	0.42
Toluene	92	<b>0.038</b>	<b>0.011</b>	<b>0.001</b>	<b>0.00095</b>	<b>0.0031</b>	<0.015	<b>0.020</b>	0.56	0.01	56
Total Xylenes	106	<b>0.016</b>	<b>0.032</b>	<0.003	<0.003	<b>0.0047</b>	<0.052	<0.012	0.14	0.01	14
1,2,4-TMB	120	<0.002	<0.010	<0.001	<0.001	<b>0.0022</b>	<0.020	<0.004	0.0093	0.01	0.93
1,3,5-TMB	120	<0.002	<0.010	<0.001	<0.001	<0.001	<0.020	<0.004	0.0089	0.01	0.89

**Current Soil-Gas (SG) MSCs:** All data compared to applicable Residential MSCs included in Table 3 - Indoor Air Criteria and Odor Threshold of the Land Recycling Program Technical Guidance Manual - Section IV.A.4; Effective Date January 24, 2004; PADEP Document Number 253-0300-100.

NA = Not Analyzed

ND = Compound reported as "Not Found"

NR = Compound not reported

  Denotes Exceedance of the Current Residential Standard MSCs

06/10/16

Table GG-1  
Lewis Brothers Garage  
Soil-Vapor Sampling Analytical Table  
March 17, 2016

Parameter	Molecular Wt.	VP-1A [mg/m <sup>3</sup> ]	VP-2A [mg/m <sup>3</sup> ]	VP-3 [mg/m <sup>3</sup> ]	VP-4A [mg/m <sup>3</sup> ]	VP-4A Dup [mg/m <sup>3</sup> ]	VP-5 [mg/m <sup>3</sup> ]	VP-6A [mg/m <sup>3</sup> ]	MSC <sub>sg</sub> [mg/m <sup>3</sup> ]	Attenuation [mg/m <sup>3</sup> ]	MSC <sub>sg</sub> [mg/m <sup>3</sup> ]
Benzene	78	0.0007	0.004	<0.0008	<0.0008	<0.0008	0.86	<0.008	0.0027	0.01	0.27
EDB	187.86	<0.002	<0.002	<0.002	<0.002	<0.002	<1.8	<0.015	0.000085	0.01	0.0085
EDC	98.96	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.970	<0.008	0.00081	0.01	0.081
Ethylbenzene	106	0.011	0.005	<0.0008	0.002	0.002	<1.0	<0.008	0.018	0.01	1.9
Cumene	120.19	<0.001	0.023	<0.001	<0.001	<0.001	<1.2	<0.010	0.54	0.01	54
MTBE	88.15	0.001	0.0008	<0.0007	0.0009	0.0009	<0.860	<0.007	0.081	0.01	8.1
Naphthalene	128.17	<0.001	<0.001	<0.001	<0.001	<0.001	<1.3	<0.010	0.0042	0.01	0.42
Toluene	92	0.037	0.008	0.002	0.004	0.004	<0.9	<0.008	0.56	0.01	56
Total Xylenes	106	0.067	0.033	0.003	0.011	0.012	<3.1	<0.026	0.14	0.01	14
1,2,4-TMB	120	0.004	0.005	0.001	0.004	0.004	<1.2	<0.010	0.0083	0.01	0.83
1,3,5-TMB	120	0.002	0.005	<0.001	0.001	0.001	<1.2	<0.010	0.0083	0.01	0.83

**Current Soil-Gas (SG) MSCs:** All data compared to applicable Residential MSCs included in Table 3 - Indoor Air Criteria and Odor Threshold of the Land Recycling Program Technical Guidance Manual - Section IV.A.4; Effective Date January 24, 2004; PADEP Document Number 253-0300-100.

NA = Not Analyzed

ND = Compound reported as "Not Found"

NR = Compound not reported

Denotes Exceedance of the Current Residential Standard MSCs

Soil Vapor Analytical Data Sheets

June 21, 2008



Your Project #: 27058.03  
Site: LEWIO BROS GARAGE  
Your C.O.C. #: N/A

**Attention: Martin Gilgallon**

Pennsylvania Tectonics Inc  
826 Main St  
Peckville, PA  
USA 18452

Report Date: 2008/07/03

**CERTIFICATE OF ANALYSIS**

**MAXXAM JOB #: A867037**

Received: 2008/06/24, 16:19

Sample Matrix: AIR  
# Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Canister Pressure (TO-15) (1)	1	N/A	2008/06/26	BRL SOP-00304	EPA TO-15
Canister Pressure (TO-15) (1)	2	N/A	2008/06/27	BRL SOP-00304	EPA TO-15
Canister Pressure (TO-15) (1)	1	N/A	2008/06/30	BRL SOP-00304	EPA TO-15
VOC Open Char. in Air (TO-15) (1)	1	N/A	2008/06/26	BRL SOP-00304	EPA TO-15
VOC Open Char. in Air (TO-15) (1)	2	N/A	2008/06/27	BRL SOP-00304	EPA TO-15
VOC Open Char. in Air (TO-15) (1)	1	N/A	2008/06/30	BRL SOP-00304	EPA TO-15
Volatile Organics in Air (TO-15) (1)	1	N/A	2008/06/26	BRL SOP-00304	EPA TO-15
Volatile Organics in Air (TO-15) (1)	2	N/A	2008/06/27	BRL SOP-00304	EPA TO-15
Volatile Organics in Air (TO-15) (1)	1	N/A	2008/06/30	BRL SOP-00304	EPA TO-15

- (1) This test was performed by Maxxam Analytics Mississauga
- (2) This test was performed in Maxxam Mississauga under Maxxam Burlington SCC Accreditation.
- (3) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO14A. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO14A on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Maxxam for a period of 5 calendar days from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.

This test was performed in Maxxam Mississauga under Maxxam Burlington SCC Accreditation.





Your Project #: 27058.03  
Site: LEWIO BROS GARAGE  
Your C.O.C. #: N/A

**Attention: Martin Gilgallon**

Pennsylvania Tectonics Inc  
826 Main St  
Peckville, PA  
USA 18452

**Report Date: 2008/07/03**

**CERTIFICATE OF ANALYSIS**

-2-

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

JAMES HARTLEY, Burlington Project Manager  
Email: James.Hartley@MaxxamAnalytics.com  
Phone# (905) 332-8788 Ext:288

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CAEAL have approved this reporting process and electronic report format.

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Total cover pages: 2

Page 2 of 25

This document is in electronic format, hard copy is available on request.

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**RESULTS OF ANALYSES OF AIR**

Maxxam ID		Z47179		Z47180		Z47182		
Sampling Date		2008/06/21		2008/06/21		2008/06/21		
COC Number		N/A		N/A		N/A		
	Units	7853	QC Batch	7910	QC Batch	7870	DL	QC Batch

<b>Volatile Organics</b>								
Characterisation by MS	ppbv	0	1551158	0	1550468	0	N/A	1549976
Pressure on Receipt	psig	(-11.8)	1550926				N/A	
Pressure on Receipt	psig			(-5.9)	1549960		N/A	
Pressure on Receipt	psig					(-2)	N/A	1549805

N/A = Not Applicable  
RDL = Reportable Detection Limit  
QC Batch = Quality Control Batch

Maxxam ID		Z47183		
Sampling Date		2008/06/21		
COC Number		N/A		
	Units	72421	DL	QC Batch

<b>Volatile Organics</b>				
Characterisation by MS	ppbv	0	N/A	1550468
Pressure on Receipt	psig	(-2.5)	N/A	1549960

N/A = Not Applicable  
RDL = Reportable Detection Limit  
QC Batch = Quality Control Batch

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

### VOLATILE ORGANICS BY GC/MS (AIR)

Maxxam ID		Z47179				
Sampling Date		2008/06/21				
COC Number		N/A				
	Units	7853	DL	ug/m3	DL (ug/m3)	QC Batch
<b>Volatile Organics</b>						
1,1,1-Trichloroethane	ppbv	<1.5	1.5	<8.18	8.18	1551108
1,1,2,2-Tetrachloroethane	ppbv	<1.0	1.0	<6.87	6.87	1551108
1,1,2-Trichloroethane	ppbv	<0.75	0.75	<4.09	4.09	1551108
1,1-Dichloroethane	ppbv	<1.0	1.0	<4.05	4.05	1551108
1,1-Dichloroethylene	ppbv	<1.3	1.3	<5.15	5.15	1551108
1,2,4-Trichlorobenzene	ppbv	<10	10	<74.2	74.2	1551108
1,2,4-Trimethylbenzene	ppbv	<13	13	<63.9	63.9	1551108
1,2-Dichlorobenzene	ppbv	<2.0	2.0	<12.0	12.0	1551108
1,2-Dichloroethane	ppbv	<1.0	1.0	<4.05	4.05	1551108
1,2-Dichloropropane	ppbv	<2.0	2.0	<9.24	9.24	1551108
1,2-Dichlorotetrafluoroethane	ppbv	<0.85	0.85	<5.94	5.94	1551108
1,3,5-Trimethylbenzene	ppbv	<12	12	<59.0	59.0	1551108
1,3-Butadiene	ppbv	<2.5	2.5	<5.53	5.53	1551108
1,3-Dichlorobenzene	ppbv	<2.0	2.0	<12.0	12.0	1551108
1,4-Dichlorobenzene	ppbv	<2.0	2.0	<12.0	12.0	1551108
1,4-Dioxane	ppbv	<10	10	<36.0	36.0	1551108
2,2,4-Trimethylpentane	ppbv	27.6	1.0	129	4.67	1551108
2-propanol	ppbv	<15	15	<36.9	36.9	1551108
2-Propanone	ppbv	<4.0	4.0	<9.50	9.50	1551108
4-ethyltoluene	ppbv	<11	11	<54.1	54.1	1551108
Benzene	ppbv	1.73	0.90	5.53	2.88	1551108
Benzyl chloride	ppbv	<5.0	5.0	<25.9	25.9	1551108
Bromodichloromethane	ppbv	<1.0	1.0	<6.70	6.70	1551108
Bromoform	ppbv	<1.0	1.0	<10.3	10.3	1551108
Bromomethane	ppbv	<0.90	0.90	<3.49	3.49	1551108
Carbon Disulfide	ppbv	<2.5	2.5	<7.79	7.79	1551108
Carbon Tetrachloride	ppbv	<1.5	1.5	<9.44	9.44	1551108
Chlorobenzene	ppbv	<1.0	1.0	<4.60	4.60	1551108
Chloroethane	ppbv	<1.5	1.5	<3.96	3.96	1551108
Chloroform	ppbv	<0.75	0.75	<3.66	3.66	1551108
Chloromethane	ppbv	1.5	1.5	3.14	3.10	1551108
cis-1,2-Dichloroethylene	ppbv	<0.95	0.95	<3.77	3.77	1551108
N/A = Not Applicable RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47179				
Sampling Date		2008/06/21				
COC Number		N/A				
	Units	7853	DL	ug/m3	DL (ug/m3)	QC Batch
cis-1,3-Dichloropropene	ppbv	<0.90	0.90	<4.08	4.08	1551108
Cyclohexane	ppbv	<1.0	1.0	<3.44	3.44	1551108
Dibromochloromethane	ppbv	<1.0	1.0	<8.52	8.52	1551108
Dichlorodifluoromethane (FREON 12)	ppbv	<1.0	1.0	<4.95	4.95	1551108
Ethanol	ppbv	<12	12	<22.6	22.6	1551108
Ethyl Acetate	ppbv	<11	11	<39.6	39.6	1551108
Ethylbenzene	ppbv	1.2	1.0	5.10	4.34	1551108
Ethylene Dibromide	ppbv	<0.85	0.85	<6.53	6.53	1551108
Heptane	ppbv	5.2	1.5	21.3	6.15	1551108
Hexachlorobutadiene	ppbv	<15	15	<160	160	1551108
Hexane	ppbv	4.5	1.5	15.8	5.29	1551108
m / p-Xylene	ppbv	4.0	1.9	17.4	8.25	1551108
Methyl Butyl Ketone (2-Hexanone)	ppbv	<10	10	<41.0	41.0	1551108
Methyl Ethyl Ketone (2-Butanone)	ppbv	<15	15	<44.2	44.2	1551108
Methyl Isobutyl Ketone	ppbv	<16	16	<65.5	65.5	1551108
Methyl t-butyl ether (MTBE)	ppbv	<1.0	1.0	<3.61	3.61	1551108
Methylene Chloride(Dichloromethane)	ppbv	5.2	1.5	18.0	5.21	1551108
o-Xylene	ppbv	1.2	1.0	5.24	4.34	1551108
Propene	ppbv	73.5	1.5	126	2.58	1551108
Styrene	ppbv	<1.0	1.0	<4.26	4.26	1551108
Tetrachloroethylene	ppbv	<1.0	1.0	<6.78	6.78	1551108
Tetrahydrofuran	ppbv	<2.0	2.0	<5.90	5.90	1551108
Toluene	ppbv	7.1	1.0	26.6	3.76	1551108
trans-1,2-Dichloroethylene	ppbv	<1.0	1.0	<3.96	3.96	1551108
trans-1,3-Dichloropropene	ppbv	<0.85	0.85	<3.86	3.86	1551108
Trichloroethylene	ppbv	3.0	1.5	16.3	8.06	1551108
Trichlorofluoromethane (FREON 11)	ppbv	<1.0	1.0	<5.62	5.62	1551108
Trichlorotrifluoroethane	ppbv	<0.75	0.75	<5.75	5.75	1551108
Vinyl Acetate	ppbv	<1.0	1.0	<3.52	3.52	1551108
Vinyl Bromide	ppbv	<1.0	1.0	<4.37	4.37	1551108
Vinyl Chloride	ppbv	<0.90	0.90	<2.30	2.30	1551108
<b>Surrogate Recovery (%)</b>						
Bromochloromethane	%	83		N/A	N/A	1551108
N/A = Not Applicable QC Batch = Quality Control Batch						

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47179				
Sampling Date		2008/06/21				
COC Number		N/A				
	<b>Units</b>	<b>7853</b>	<b>DL</b>	<b>ug/m3</b>	<b>DL (ug/m3)</b>	<b>QC Batch</b>

D5-Chlorobenzene	%	73		N/A	N/A	1551108
Difluorobenzene	%	90		N/A	N/A	1551108

N/A = Not Applicable  
QC Batch = Quality Control Batch

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47180				
Sampling Date		2008/06/21				
COC Number		N/A				
	Units	7910	DL	ug/m3	DL (ug/m3)	QC Batch
<b>Volatile Organics</b>						
1,1,1-Trichloroethane	ppbv	<47	47	<256	256	1550450
1,1,2,2-Tetrachloroethane	ppbv	<31	31	<213	213	1550450
1,1,2-Trichloroethane	ppbv	<23	23	<125	125	1550450
1,1-Dichloroethane	ppbv	<31	31	<125	125	1550450
1,1-Dichloroethylene	ppbv	<39	39	<155	155	1550450
1,2,4-Trichlorobenzene	ppbv	<310	310	<2300	2300	1550450
1,2,4-Trimethylbenzene	ppbv	<390	390	<1920	1920	1550450
1,2-Dichlorobenzene	ppbv	<62	62	<373	373	1550450
1,2-Dichloroethane	ppbv	<31	31	<125	125	1550450
1,2-Dichloropropane	ppbv	<62	62	<287	287	1550450
1,2-Dichlorotetrafluoroethane	ppbv	<26	26	<182	182	1550450
1,3,5-Trimethylbenzene	ppbv	<370	370	<1820	1820	1550450
1,3-Butadiene	ppbv	<78	78	<173	173	1550450
1,3-Dichlorobenzene	ppbv	<62	62	<373	373	1550450
1,4-Dichlorobenzene	ppbv	<62	62	<373	373	1550450
1,4-Dioxane	ppbv	<310	310	<1120	1120	1550450
2,2,4-Trimethylpentane	ppbv	9730	31	45500	145	1550450
2-propanol	ppbv	<470	470	<1160	1160	1550450
2-Propanone	ppbv	<120	120	<285	285	1550450
4-ethyltoluene	ppbv	<340	340	<1670	1670	1550450
Benzene	ppbv	48	28	154	89.5	1550450
Benzyl chloride	ppbv	<160	160	<828	828	1550450
Bromodichloromethane	ppbv	<31	31	<208	208	1550450
Bromoform	ppbv	<31	31	<320	320	1550450
Bromomethane	ppbv	<28	28	<109	109	1550450
Carbon Disulfide	ppbv	91	78	283	243	1550450
Carbon Tetrachloride	ppbv	<47	47	<296	296	1550450
Chlorobenzene	ppbv	<31	31	<143	143	1550450
Chloroethane	ppbv	<47	47	<124	124	1550450
Chloroform	ppbv	<23	23	<112	112	1550450
Chloromethane	ppbv	<47	47	<97.1	97.1	1550450
cis-1,2-Dichloroethylene	ppbv	<29	29	<115	115	1550450
N/A = Not Applicable RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47180				
Sampling Date		2008/06/21				
COC Number		N/A				
	Units	7910	DL	ug/m3	DL (ug/m3)	QC Batch
cis-1,3-Dichloropropene	ppbv	<28	28	<127	127	1550450
Cyclohexane	ppbv	821	31	2820	107	1550450
Dibromochloromethane	ppbv	<31	31	<264	264	1550450
Dichlorodifluoromethane (FREON 12)	ppbv	<31	31	<153	153	1550450
Ethanol	ppbv	<360	360	<678	678	1550450
Ethyl Acetate	ppbv	<340	340	<1230	1230	1550450
Ethylbenzene	ppbv	<31	31	<135	135	1550450
Ethylene Dibromide	ppbv	<26	26	<200	200	1550450
Heptane	ppbv	455	47	1870	193	1550450
Hexachlorobutadiene	ppbv	<470	470	<5010	5010	1550450
Hexane	ppbv	2300	47	8110	166	1550450
m / p-Xylene	ppbv	<57	57	<248	248	1550450
Methyl Butyl Ketone (2-Hexanone)	ppbv	<310	310	<1270	1270	1550450
Methyl Ethyl Ketone (2-Butanone)	ppbv	<470	470	<1390	1390	1550450
Methyl Isobutyl Ketone	ppbv	<500	500	<2050	2050	1550450
Methyl t-butyl ether (MTBE)	ppbv	<31	31	<112	112	1550450
Methylene Chloride(Dichloromethane)	ppbv	<240	240	<834	834	1550450
o-Xylene	ppbv	<31	31	<135	135	1550450
Propene	ppbv	441	47	760	80.9	1550450
Styrene	ppbv	<31	31	<132	132	1550450
Tetrachloroethylene	ppbv	<31	31	<210	210	1550450
Tetrahydrofuran	ppbv	<62	62	<183	183	1550450
Toluene	ppbv	33	31	126	117	1550450
trans-1,2-Dichloroethylene	ppbv	<31	31	<123	123	1550450
trans-1,3-Dichloropropene	ppbv	<26	26	<118	118	1550450
Trichloroethylene	ppbv	<47	47	<253	253	1550450
Trichlorofluoromethane (FREON 11)	ppbv	<31	31	<174	174	1550450
Trichlorotrifluoroethane	ppbv	<23	23	<176	176	1550450
Vinyl Acetate	ppbv	<31	31	<109	109	1550450
Vinyl Bromide	ppbv	<31	31	<136	136	1550450
Vinyl Chloride	ppbv	<28	28	<71.6	71.6	1550450
<b>Surrogate Recovery (%)</b>						
Bromochloromethane	%	91		N/A	N/A	1550450
N/A = Not Applicable QC Batch = Quality Control Batch						

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47180				
Sampling Date		2008/06/21				
COC Number		N/A				
	<b>Units</b>	<b>7910</b>	<b>DL</b>	<b>ug/m3</b>	<b>DL (ug/m3)</b>	<b>QC Batch</b>

D5-Chlorobenzene	%	83		N/A	N/A	1550450
Difluorobenzene	%	97		N/A	N/A	1550450

N/A = Not Applicable  
QC Batch = Quality Control Batch



Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47182				
Sampling Date		2008/06/21				
COC Number		N/A				
	Units	7870	DL	ug/m3	DL (ug/m3)	QC Batch
<b>Volatile Organics</b>						
1,1,1-Trichloroethane	ppbv	<1.5	1.5	<8.18	8.18	1549841
1,1,2,2-Tetrachloroethane	ppbv	<1.0	1.0	<6.87	6.87	1549841
1,1,2-Trichloroethane	ppbv	<0.75	0.75	<4.09	4.09	1549841
1,1-Dichloroethane	ppbv	<1.0	1.0	<4.05	4.05	1549841
1,1-Dichloroethylene	ppbv	<1.3	1.3	<5.15	5.15	1549841
1,2,4-Trichlorobenzene	ppbv	<10	10	<74.2	74.2	1549841
1,2,4-Trimethylbenzene	ppbv	<13	13	<63.9	63.9	1549841
1,2-Dichlorobenzene	ppbv	<2.0	2.0	<12.0	12.0	1549841
1,2-Dichloroethane	ppbv	<1.0	1.0	<4.05	4.05	1549841
1,2-Dichloropropane	ppbv	<2.0	2.0	<9.24	9.24	1549841
1,2-Dichlorotetrafluoroethane	ppbv	<0.85	0.85	<5.94	5.94	1549841
1,3,5-Trimethylbenzene	ppbv	<12	12	<59.0	59.0	1549841
1,3-Butadiene	ppbv	<2.5	2.5	<5.53	5.53	1549841
1,3-Dichlorobenzene	ppbv	<2.0	2.0	<12.0	12.0	1549841
1,4-Dichlorobenzene	ppbv	<2.0	2.0	<12.0	12.0	1549841
1,4-Dioxane	ppbv	<10	10	<36.0	36.0	1549841
2,2,4-Trimethylpentane	ppbv	<1.0	1.0	<4.67	4.67	1549841
2-propanol	ppbv	<15	15	<36.9	36.9	1549841
2-Propanone	ppbv	47.3	4.0	112	9.50	1549841
4-ethyltoluene	ppbv	<11	11	<54.1	54.1	1549841
Benzene	ppbv	1.51	0.90	4.83	2.88	1549841
Benzyl chloride	ppbv	<5.0	5.0	<25.9	25.9	1549841
Bromodichloromethane	ppbv	<1.0	1.0	<6.70	6.70	1549841
Bromoform	ppbv	<1.0	1.0	<10.3	10.3	1549841
Bromomethane	ppbv	<0.90	0.90	<3.49	3.49	1549841
Carbon Disulfide	ppbv	14.7	2.5	45.7	7.79	1549841
Carbon Tetrachloride	ppbv	<1.5	1.5	<9.44	9.44	1549841
Chlorobenzene	ppbv	<1.0	1.0	<4.60	4.60	1549841
Chloroethane	ppbv	<1.5	1.5	<3.96	3.96	1549841
Chloroform	ppbv	<0.75	0.75	<3.66	3.66	1549841
Chloromethane	ppbv	<1.5	1.5	<3.10	3.10	1549841
cis-1,2-Dichloroethylene	ppbv	<0.95	0.95	<3.77	3.77	1549841
N/A = Not Applicable RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47182				
Sampling Date		2008/06/21				
COC Number		N/A				
	Units	7870	DL	ug/m3	DL (ug/m3)	QC Batch
cis-1,3-Dichloropropene	ppbv	<0.90	0.90	<4.08	4.08	1549841
Cyclohexane	ppbv	<1.0	1.0	<3.44	3.44	1549841
Dibromochloromethane	ppbv	<1.0	1.0	<8.52	8.52	1549841
Dichlorodifluoromethane (FREON 12)	ppbv	<1.0	1.0	<4.95	4.95	1549841
Ethanol	ppbv	<12	12	<22.6	22.6	1549841
Ethyl Acetate	ppbv	<11	11	<39.6	39.6	1549841
Ethylbenzene	ppbv	2.3	1.0	9.85	4.34	1549841
Ethylene Dibromide	ppbv	<0.85	0.85	<6.53	6.53	1549841
Heptane	ppbv	35.6	1.5	146	6.15	1549841
Hexachlorobutadiene	ppbv	<15	15	<160	160	1549841
Hexane	ppbv	<1.5	1.5	<5.29	5.29	1549841
m / p-Xylene	ppbv	7.9	1.9	34.2	8.25	1549841
Methyl Butyl Ketone (2-Hexanone)	ppbv	<10	10	<41.0	41.0	1549841
Methyl Ethyl Ketone (2-Butanone)	ppbv	<15	15	<44.2	44.2	1549841
Methyl Isobutyl Ketone	ppbv	<16	16	<65.5	65.5	1549841
Methyl t-butyl ether (MTBE)	ppbv	<1.0	1.0	<3.61	3.61	1549841
Methylene Chloride(Dichloromethane)	ppbv	28.8	1.5	99.9	5.21	1549841
o-Xylene	ppbv	2.3	1.0	10.1	4.34	1549841
Propene	ppbv	15.3	1.5	26.4	2.58	1549841
Styrene	ppbv	<1.0	1.0	<4.26	4.26	1549841
Tetrachloroethylene	ppbv	9.6	1.0	65.3	6.78	1549841
Tetrahydrofuran	ppbv	<2.0	2.0	<5.90	5.90	1549841
Toluene	ppbv	217	1.0	817	3.76	1549841
trans-1,2-Dichloroethylene	ppbv	<1.0	1.0	<3.96	3.96	1549841
trans-1,3-Dichloropropene	ppbv	<0.85	0.85	<3.86	3.86	1549841
Trichloroethylene	ppbv	<1.5	1.5	<8.06	8.06	1549841
Trichlorofluoromethane (FREON 11)	ppbv	<1.0	1.0	<5.62	5.62	1549841
Trichlorotrifluoroethane	ppbv	<0.75	0.75	<5.75	5.75	1549841
Vinyl Acetate	ppbv	<1.0	1.0	<3.52	3.52	1549841
Vinyl Bromide	ppbv	<1.0	1.0	<4.37	4.37	1549841
Vinyl Chloride	ppbv	<0.90	0.90	<2.30	2.30	1549841
<b>Surrogate Recovery (%)</b>						
Bromochloromethane	%	70		N/A	N/A	1549841
N/A = Not Applicable QC Batch = Quality Control Batch						

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47182				
Sampling Date		2008/06/21				
COC Number		N/A				
	<b>Units</b>	<b>7870</b>	<b>DL</b>	<b>ug/m3</b>	<b>DL (ug/m3)</b>	<b>QC Batch</b>

D5-Chlorobenzene	%	69		N/A	N/A	1549841
Difluorobenzene	%	76		N/A	N/A	1549841

N/A = Not Applicable  
QC Batch = Quality Control Batch

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47183				
Sampling Date		2008/06/21				
COC Number		N/A				
	Units	72421	DL	ug/m3	DL (ug/m3)	QC Batch
<b>Volatile Organics</b>						
1,1,1-Trichloroethane	ppbv	<0.30	0.30	<1.64	1.64	1550450
1,1,2,2-Tetrachloroethane	ppbv	<0.20	0.20	<1.37	1.37	1550450
1,1,2-Trichloroethane	ppbv	<0.15	0.15	<0.818	0.818	1550450
1,1-Dichloroethane	ppbv	<0.20	0.20	<0.809	0.809	1550450
1,1-Dichloroethylene	ppbv	<0.25	0.25	<0.991	0.991	1550450
1,2,4-Trichlorobenzene	ppbv	<2.0	2.0	<14.8	14.8	1550450
1,2,4-Trimethylbenzene	ppbv	<2.5	2.5	<12.3	12.3	1550450
1,2-Dichlorobenzene	ppbv	<0.40	0.40	<2.40	2.40	1550450
1,2-Dichloroethane	ppbv	<0.20	0.20	<0.809	0.809	1550450
1,2-Dichloropropane	ppbv	<0.40	0.40	<1.85	1.85	1550450
1,2-Dichlorotetrafluoroethane	ppbv	<0.17	0.17	<1.19	1.19	1550450
1,3,5-Trimethylbenzene	ppbv	<2.4	2.4	<11.8	11.8	1550450
1,3-Butadiene	ppbv	<0.50	0.50	<1.11	1.11	1550450
1,3-Dichlorobenzene	ppbv	<0.40	0.40	<2.40	2.40	1550450
1,4-Dichlorobenzene	ppbv	<0.40	0.40	<2.40	2.40	1550450
1,4-Dioxane	ppbv	<2.0	2.0	<7.21	7.21	1550450
2,2,4-Trimethylpentane	ppbv	<0.20	0.20	<0.934	0.934	1550450
2-propanol	ppbv	<3.0	3.0	<7.37	7.37	1550450
2-Propanone	ppbv	25.5	0.80	60.5	1.90	1550450
4-ethyltoluene	ppbv	<2.2	2.2	<10.8	10.8	1550450
Benzene	ppbv	1.62	0.18	5.18	0.575	1550450
Benzyl chloride	ppbv	<1.0	1.0	<5.18	5.18	1550450
Bromodichloromethane	ppbv	<0.20	0.20	<1.34	1.34	1550450
Bromoform	ppbv	<0.20	0.20	<2.07	2.07	1550450
Bromomethane	ppbv	<0.18	0.18	<0.699	0.699	1550450
Carbon Disulfide	ppbv	1.12	0.50	3.50	1.56	1550450
Carbon Tetrachloride	ppbv	<0.30	0.30	<1.89	1.89	1550450
Chlorobenzene	ppbv	<0.20	0.20	<0.921	0.921	1550450
Chloroethane	ppbv	<0.30	0.30	<0.792	0.792	1550450
Chloroform	ppbv	<0.15	0.15	<0.732	0.732	1550450
Chloromethane	ppbv	0.58	0.30	1.19	0.620	1550450
cis-1,2-Dichloroethylene	ppbv	<0.19	0.19	<0.753	0.753	1550450
N/A = Not Applicable RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47183				
Sampling Date		2008/06/21				
COC Number		N/A				
	Units	72421	DL	ug/m3	DL (ug/m3)	QC Batch
cis-1,3-Dichloropropene	ppbv	<0.18	0.18	<0.817	0.817	1550450
Cyclohexane	ppbv	<0.20	0.20	<0.688	0.688	1550450
Dibromochloromethane	ppbv	<0.20	0.20	<1.70	1.70	1550450
Dichlorodifluoromethane (FREON 12)	ppbv	0.37	0.20	1.82	0.989	1550450
Ethanol	ppbv	6.7	2.3	12.7	4.33	1550450
Ethyl Acetate	ppbv	<2.2	2.2	<7.93	7.93	1550450
Ethylbenzene	ppbv	2.10	0.20	9.11	0.868	1550450
Ethylene Dibromide	ppbv	<0.17	0.17	<1.31	1.31	1550450
Heptane	ppbv	14.5	0.30	59.6	1.23	1550450
Hexachlorobutadiene	ppbv	<3.0	3.0	<32.0	32.0	1550450
Hexane	ppbv	2.91	0.30	10.3	1.06	1550450
m / p-Xylene	ppbv	7.47	0.37	32.4	1.61	1550450
Methyl Butyl Ketone (2-Hexanone)	ppbv	<2.0	2.0	<8.19	8.19	1550450
Methyl Ethyl Ketone (2-Butanone)	ppbv	9.3	3.0	27.4	8.85	1550450
Methyl Isobutyl Ketone	ppbv	<3.2	3.2	<13.1	13.1	1550450
Methyl t-butyl ether (MTBE)	ppbv	<0.20	0.20	<0.721	0.721	1550450
Methylene Chloride(Dichloromethane)	ppbv	1.10	0.30	3.83	1.04	1550450
o-Xylene	ppbv	2.24	0.20	9.73	0.868	1550450
Propene	ppbv	16.1	0.30	27.7	0.516	1550450
Styrene	ppbv	0.20	0.20	0.870	0.852	1550450
Tetrachloroethylene	ppbv	<0.20	0.20	<1.36	1.36	1550450
Tetrahydrofuran	ppbv	<0.40	0.40	<1.18	1.18	1550450
Toluene	ppbv	15.8	0.20	59.6	0.753	1550450
trans-1,2-Dichloroethylene	ppbv	<0.20	0.20	<0.793	0.793	1550450
trans-1,3-Dichloropropene	ppbv	<0.17	0.17	<0.772	0.772	1550450
Trichloroethylene	ppbv	<0.30	0.30	<1.61	1.61	1550450
Trichlorofluoromethane (FREON 11)	ppbv	<0.20	0.20	<1.12	1.12	1550450
Trichlorotrifluoroethane	ppbv	<0.15	0.15	<1.15	1.15	1550450
Vinyl Acetate	ppbv	<0.20	0.20	<0.704	0.704	1550450
Vinyl Bromide	ppbv	<0.20	0.20	<0.875	0.875	1550450
Vinyl Chloride	ppbv	0.18	0.18	0.464	0.460	1550450
<b>Surrogate Recovery (%)</b>						
Bromochloromethane	%	84		N/A	N/A	1550450

N/A = Not Applicable  
QC Batch = Quality Control Batch

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**VOLATILE ORGANICS BY GC/MS (AIR)**

Maxxam ID		Z47183				
Sampling Date		2008/06/21				
COC Number		N/A				
	Units	72421	DL	ug/m3	DL (ug/m3)	QC Batch

D5-Chlorobenzene	%	87		N/A	N/A	1550450
Difluorobenzene	%	92		N/A	N/A	1550450

N/A = Not Applicable  
QC Batch = Quality Control Batch

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

### Test Summary

Maxxam ID Z47179      Collected 2008/06/21  
Sample ID 7853      Shipped  
Matrix AIR      Received 2008/06/24

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
Canister Pressure (TO-15)	PRES	1550926	N/A	2008/06/30	LSY
VOC Open Char. in Air (TO-15)	GC/MS	1551158	N/A	2008/06/30	LSY
Volatile Organics in Air (TO-15)	GC/MS	1551108	N/A	2008/06/30	LSY

Maxxam ID Z47180      Collected 2008/06/21  
Sample ID 7910      Shipped  
Matrix AIR      Received 2008/06/24

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
Canister Pressure (TO-15)	PRES	1549960	N/A	2008/06/27	LSY
VOC Open Char. in Air (TO-15)	GC/MS	1550468	N/A	2008/06/27	LSY
Volatile Organics in Air (TO-15)	GC/MS	1550450	N/A	2008/06/27	LSY

Maxxam ID Z47182      Collected 2008/06/21  
Sample ID 7870      Shipped  
Matrix AIR      Received 2008/06/24

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
Canister Pressure (TO-15)	PRES	1549805	N/A	2008/06/26	LSY
VOC Open Char. in Air (TO-15)	GC/MS	1549976	N/A	2008/06/26	LSY
Volatile Organics in Air (TO-15)	GC/MS	1549841	N/A	2008/06/26	LSY

Maxxam ID Z47183      Collected 2008/06/21  
Sample ID 72421      Shipped  
Matrix AIR      Received 2008/06/24

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
Canister Pressure (TO-15)	PRES	1549960	N/A	2008/06/27	LSY
VOC Open Char. in Air (TO-15)	GC/MS	1550468	N/A	2008/06/27	LSY
Volatile Organics in Air (TO-15)	GC/MS	1550450	N/A	2008/06/27	LSY

Maxxam Job #: A867037  
Report Date: 2008/07/03

Pennsylvania Tectonics Inc  
Client Project #: 27058.03  
Project name: LEWMO BROS GARAGE

**GENERAL COMMENTS**

Sample Z47179-01: VOCTO15M-A: Canister received at -11.8 psig and was pressurized to 0 psig, for a 5X pressure dilution. The DL's were adjusted accordingly.

Sample Z47180-01: VOCTO15M-A: Canister received at -5.9 psig and was pressurized to 13 psig, for a 3.1X pressure dilution. A 25X dilution was prepared and 50mL was analyzed, resulting in a 155X final dilution. The DL's were adjusted accordingly. Increased DL for methylene chloride due to possible background.

Sample Z47182-01: VOCTO15M-A: 20mL of sample was analyzed, resulting in a 5X final dilution. The DL's were adjusted accordingly.

**Results relate only to the items tested.**



Pennsylvania Tectonics Inc  
Attention: Martin Gilgallon  
Client Project #: 27058.03  
P.O. #:  
Project name: LEWMO BROS GARAGE

Quality Assurance Report  
Maxxam Job Number: GA867037

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1549841 LSY	Spiked Blank	Bromochloromethane	2008/06/26		110	%	60 - 140
		D5-Chlorobenzene	2008/06/26		102	%	60 - 140
		Difluorobenzene	2008/06/26		110	%	60 - 140
		1,1,1-Trichloroethane	2008/06/26	45.8, RDL=0.30	89	ppbv	70 - 130
		1,1,2,2-Tetrachloroethane	2008/06/26	48.0, RDL=0.20	88	ppbv	70 - 130
		1,1,2-Trichloroethane	2008/06/26	46.8, RDL=0.15	85	ppbv	70 - 130
		1,1-Dichloroethane	2008/06/26	44.4, RDL=0.20	87	ppbv	70 - 130
		1,1-Dichloroethylene	2008/06/26	39.9, RDL=0.25	84	ppbv	70 - 130
		1,2,4-Trichlorobenzene	2008/06/26	50.1, RDL=2.0	91	ppbv	70 - 130
		1,2,4-Trimethylbenzene	2008/06/26	45.2, RDL=2.5	83	ppbv	70 - 130
		1,2-Dichlorobenzene	2008/06/26	48.0, RDL=0.40	88	ppbv	70 - 130
		1,2-Dichloroethane	2008/06/26	44.5, RDL=0.20	84	ppbv	70 - 130
		1,2-Dichloropropane	2008/06/26	48.2, RDL=0.40	90	ppbv	70 - 130
		1,2-Dichlorotetrafluoroethane	2008/06/26	45.5, RDL=0.17	92	ppbv	70 - 130
		1,3,5-Trimethylbenzene	2008/06/26	45.2, RDL=2.4	83	ppbv	70 - 130
		1,3-Butadiene	2008/06/26	95.7, RDL=0.50	96	ppbv	70 - 130
		1,3-Dichlorobenzene	2008/06/26	49.5, RDL=0.40	90	ppbv	70 - 130
		1,4-Dichlorobenzene	2008/06/26	48.5, RDL=0.40	89	ppbv	70 - 130
		1,4-Dioxane	2008/06/26	99.9, RDL=2.0	94	ppbv	70 - 130
		2,2,4-Trimethylpentane	2008/06/26	50.5, RDL=0.20	101	ppbv	70 - 130
		2-propanol	2008/06/26	126, RDL=3.0	121	ppbv	70 - 130
		2-Propanone	2008/06/26	97.4, RDL=0.80	96	ppbv	70 - 130
		4-ethyltoluene	2008/06/26	102, RDL=2.2	95	ppbv	70 - 130
		Benzene	2008/06/26	44.6, RDL=0.18	85	ppbv	70 - 130
		Benzyl chloride	2008/06/26	130, RDL=1.0	124	ppbv	70 - 130
		Bromodichloromethane	2008/06/26	95.7, RDL=0.20	90	ppbv	70 - 130
		Bromoform	2008/06/26	121, RDL=0.20	117	ppbv	70 - 130
		Bromomethane	2008/06/26	43.0, RDL=0.18	86	ppbv	70 - 130
		Carbon Disulfide	2008/06/26	70.2, RDL=0.50	71	ppbv	70 - 130
		Carbon Tetrachloride	2008/06/26	49.0, RDL=0.30	96	ppbv	70 - 130
		Chlorobenzene	2008/06/26	47.3, RDL=0.20	86	ppbv	70 - 130
		Chloroethane	2008/06/26	44.0, RDL=0.30	88	ppbv	70 - 130
		Chloroform	2008/06/26	38.5, RDL=0.15	82	ppbv	70 - 130
		Chloromethane	2008/06/26	48.5, RDL=0.30	97	ppbv	70 - 130
		cis-1,2-Dichloroethylene	2008/06/26	43.4, RDL=0.19	85	ppbv	70 - 130
		cis-1,3-Dichloropropene	2008/06/26	49.4, RDL=0.18	95	ppbv	70 - 130
		Cyclohexane	2008/06/26	95.9, RDL=0.20	94	ppbv	70 - 130
		Dibromochloromethane	2008/06/26	104, RDL=0.20	99	ppbv	70 - 130
		Dichlorodifluoromethane (FREON 12)	2008/06/26	40.7, RDL=0.20	84	ppbv	70 - 130
		Ethanol	2008/06/26	54.2, RDL=2.3	95	ppbv	70 - 130
		Ethyl Acetate	2008/06/26	102, RDL=2.2	105	ppbv	70 - 130
		Ethylbenzene	2008/06/26	46.4, RDL=0.20	86	ppbv	70 - 130
		Ethylene Dibromide	2008/06/26	51.3, RDL=0.17	95	ppbv	70 - 130
		Heptane	2008/06/26	102, RDL=0.30	99	ppbv	70 - 130
		Hexachlorobutadiene	2008/06/26	47.9, RDL=3.0	87	ppbv	70 - 130
		Hexane	2008/06/26	90.5, RDL=0.30	91	ppbv	70 - 130
		m / p-Xylene	2008/06/26	88.8, RDL=0.37	83	ppbv	70 - 130
		Methyl Butyl Ketone (2-Hexanone)	2008/06/26	117, RDL=2.0	109	ppbv	70 - 130
		Methyl Ethyl Ketone (2-Butanone)	2008/06/26	113, RDL=3.0	108	ppbv	70 - 130
		Methyl Isobutyl Ketone	2008/06/26	113, RDL=3.2	108	ppbv	70 - 130
		Methyl t-butyl ether (MTBE)	2008/06/26	93.3, RDL=0.20	89	ppbv	70 - 130
		Methylene Chloride(Dichloromethane)	2008/06/26	44.1, RDL=0.30	90	ppbv	70 - 130
		o-Xylene	2008/06/26	45.8, RDL=0.20	84	ppbv	70 - 130
		Propene	2008/06/26	99.5, RDL=0.30	100	ppbv	70 - 130
		Styrene	2008/06/26	45.4, RDL=0.20	84	ppbv	70 - 130

Pennsylvania Tectonics Inc  
Attention: Martin Gilgallon  
Client Project #: 27058.03  
P.O. #:  
Project name: LEWMO BROS GARAGE

Quality Assurance Report (Continued)  
Maxxam Job Number: GA867037

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1549841 LSY	Spiked Blank	Tetrachloroethylene	2008/06/26	48.7, RDL=0.20	91	ppbv	70 - 130
		Tetrahydrofuran	2008/06/26	107, RDL=0.40	103	ppbv	70 - 130
		Toluene	2008/06/26	46.9, RDL=0.20	86	ppbv	70 - 130
		trans-1,2-Dichloroethylene	2008/06/26	83.7, RDL=0.20	84	ppbv	70 - 130
		trans-1,3-Dichloropropene	2008/06/26	54.6, RDL=0.17	95	ppbv	70 - 130
		Trichloroethylene	2008/06/26	42.7, RDL=0.30	79	ppbv	70 - 130
		Trichlorofluoromethane (FREON 11)	2008/06/26	39.4, RDL=0.20	82	ppbv	70 - 130
		Trichlorotrifluoroethane	2008/06/26	39.4, RDL=0.15	82	ppbv	70 - 130
		Vinyl Acetate	2008/06/26	120, RDL=0.20	118	ppbv	70 - 130
		Vinyl Bromide	2008/06/26	46.5, RDL=0.20	93	ppbv	70 - 130
		Vinyl Chloride	2008/06/26	43.6, RDL=0.18	88	ppbv	70 - 130
	Method Blank	Bromochloromethane	2008/06/26		76	%	60 - 140
		D5-Chlorobenzene	2008/06/26		73	%	60 - 140
		Difluorobenzene	2008/06/26		84	%	60 - 140
		1,1,1-Trichloroethane	2008/06/26	ND, RDL=0.30		ppbv	
		1,1,2,2-Tetrachloroethane	2008/06/26	ND, RDL=0.20		ppbv	
		1,1,2-Trichloroethane	2008/06/26	ND, RDL=0.15		ppbv	
		1,1-Dichloroethane	2008/06/26	ND, RDL=0.20		ppbv	
		1,1-Dichloroethylene	2008/06/26	ND, RDL=0.25		ppbv	
		1,2,4-Trichlorobenzene	2008/06/26	ND, RDL=2.0		ppbv	
		1,2,4-Trimethylbenzene	2008/06/26	ND, RDL=2.5		ppbv	
		1,2-Dichlorobenzene	2008/06/26	ND, RDL=0.40		ppbv	
		1,2-Dichloroethane	2008/06/26	ND, RDL=0.20		ppbv	
		1,2-Dichloropropane	2008/06/26	ND, RDL=0.40		ppbv	
		1,2-Dichlorotetrafluoroethane	2008/06/26	ND, RDL=0.17		ppbv	
		1,3,5-Trimethylbenzene	2008/06/26	ND, RDL=2.4		ppbv	
		1,3-Butadiene	2008/06/26	ND, RDL=0.50		ppbv	
		1,3-Dichlorobenzene	2008/06/26	ND, RDL=0.40		ppbv	
		1,4-Dichlorobenzene	2008/06/26	ND, RDL=0.40		ppbv	
		1,4-Dioxane	2008/06/26	ND, RDL=2.0		ppbv	
		2,2,4-Trimethylpentane	2008/06/26	ND, RDL=0.20		ppbv	
		2-propanol	2008/06/26	ND, RDL=3.0		ppbv	
		2-Propanone	2008/06/26	ND, RDL=0.80		ppbv	
		4-ethyltoluene	2008/06/26	ND, RDL=2.2		ppbv	
		Benzene	2008/06/26	ND, RDL=0.18		ppbv	
		Benzyl chloride	2008/06/26	ND, RDL=1.0		ppbv	
		Bromodichloromethane	2008/06/26	ND, RDL=0.20		ppbv	
		Bromoform	2008/06/26	ND, RDL=0.20		ppbv	
		Bromomethane	2008/06/26	ND, RDL=0.18		ppbv	
		Carbon Disulfide	2008/06/26	ND, RDL=0.50		ppbv	
		Carbon Tetrachloride	2008/06/26	ND, RDL=0.30		ppbv	
		Chlorobenzene	2008/06/26	ND, RDL=0.20		ppbv	
		Chloroethane	2008/06/26	ND, RDL=0.30		ppbv	
		Chloroform	2008/06/26	ND, RDL=0.15		ppbv	
		Chloromethane	2008/06/26	ND, RDL=0.30		ppbv	
		cis-1,2-Dichloroethylene	2008/06/26	ND, RDL=0.19		ppbv	
		cis-1,3-Dichloropropene	2008/06/26	ND, RDL=0.18		ppbv	
		Cyclohexane	2008/06/26	ND, RDL=0.20		ppbv	
		Dibromochloromethane	2008/06/26	ND, RDL=0.20		ppbv	
		Dichlorodifluoromethane (FREON 12)	2008/06/26	ND, RDL=0.20		ppbv	
		Ethanol	2008/06/26	ND, RDL=2.3		ppbv	
		Ethyl Acetate	2008/06/26	ND, RDL=2.2		ppbv	
		Ethylbenzene	2008/06/26	ND, RDL=0.20		ppbv	
		Ethylene Dibromide	2008/06/26	ND, RDL=0.17		ppbv	
		Heptane	2008/06/26	ND, RDL=0.30		ppbv	

Pennsylvania Tectonics Inc  
Attention: Martin Gilgallon  
Client Project #: 27058.03  
P.O. #:  
Project name: LEWMO BROS GARAGE

Quality Assurance Report (Continued)  
Maxxam Job Number: GA867037

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1549841 LSY	Method Blank	Hexachlorobutadiene	2008/06/26	ND, RDL=3.0		ppbv	
		Hexane	2008/06/26	ND, RDL=0.30		ppbv	
		m / p-Xylene	2008/06/26	ND, RDL=0.37		ppbv	
		Methyl Butyl Ketone (2-Hexanone)	2008/06/26	ND, RDL=2.0		ppbv	
		Methyl Ethyl Ketone (2-Butanone)	2008/06/26	ND, RDL=3.0		ppbv	
		Methyl Isobutyl Ketone	2008/06/26	ND, RDL=3.2		ppbv	
		Methyl t-butyl ether (MTBE)	2008/06/26	ND, RDL=0.20		ppbv	
		Methylene Chloride(Dichloromethane)	2008/06/26	0.97, RDL=0.30		ppbv	
		o-Xylene	2008/06/26	ND, RDL=0.20		ppbv	
		Propene	2008/06/26	0.31, RDL=0.30		ppbv	
		Styrene	2008/06/26	ND, RDL=0.20		ppbv	
		Tetrachloroethylene	2008/06/26	ND, RDL=0.20		ppbv	
		Tetrahydrofuran	2008/06/26	ND, RDL=0.40		ppbv	
		Toluene	2008/06/26	ND, RDL=0.20		ppbv	
		trans-1,2-Dichloroethylene	2008/06/26	ND, RDL=0.20		ppbv	
		trans-1,3-Dichloropropene	2008/06/26	ND, RDL=0.17		ppbv	
		Trichloroethylene	2008/06/26	ND, RDL=0.30		ppbv	
		Trichlorofluoromethane (FREON 11)	2008/06/26	ND, RDL=0.20		ppbv	
		Trichlorotrifluoroethane	2008/06/26	ND, RDL=0.15		ppbv	
		Vinyl Acetate	2008/06/26	ND, RDL=0.20		ppbv	
		Vinyl Bromide	2008/06/26	ND, RDL=0.20		ppbv	
		Vinyl Chloride	2008/06/26	ND, RDL=0.18		ppbv	
1549976 LSY	Method Blank	Characterisation by MS	2008/06/26	0		ppbv	
1550450 LSY	Spiked Blank	Bromochloromethane	2008/06/27		106	%	60 - 140
		D5-Chlorobenzene	2008/06/27		102	%	60 - 140
		Difluorobenzene	2008/06/27		108	%	60 - 140
		1,1,1-Trichloroethane	2008/06/27	47.4, RDL=0.30	92	ppbv	70 - 130
		1,1,2,2-Tetrachloroethane	2008/06/27	50.1, RDL=0.20	92	ppbv	70 - 130
		1,1,2-Trichloroethane	2008/06/27	49.5, RDL=0.15	90	ppbv	70 - 130
		1,1-Dichloroethane	2008/06/27	46.4, RDL=0.20	91	ppbv	70 - 130
		1,1-Dichloroethylene	2008/06/27	41.3, RDL=0.25	87	ppbv	70 - 130
		1,2,4-Trichlorobenzene	2008/06/27	52.8, RDL=2.0	96	ppbv	70 - 130
		1,2,4-Trimethylbenzene	2008/06/27	47.4, RDL=2.5	87	ppbv	70 - 130
		1,2-Dichlorobenzene	2008/06/27	50.7, RDL=0.40	93	ppbv	70 - 130
		1,2-Dichloroethane	2008/06/27	45.6, RDL=0.20	86	ppbv	70 - 130
		1,2-Dichloropropane	2008/06/27	50.3, RDL=0.40	94	ppbv	70 - 130
		1,2-Dichlorotetrafluoroethane	2008/06/27	48.0, RDL=0.17	97	ppbv	70 - 130
		1,3,5-Trimethylbenzene	2008/06/27	46.9, RDL=2.4	86	ppbv	70 - 130
		1,3-Butadiene	2008/06/27	97.7, RDL=0.50	98	ppbv	70 - 130
		1,3-Dichlorobenzene	2008/06/27	51.7, RDL=0.40	94	ppbv	70 - 130
		1,4-Dichlorobenzene	2008/06/27	51.8, RDL=0.40	95	ppbv	70 - 130
		1,4-Dioxane	2008/06/27	107, RDL=2.0	101	ppbv	70 - 130
		2,2,4-Trimethylpentane	2008/06/27	53.0, RDL=0.20	106	ppbv	70 - 130
		2-propanol	2008/06/27	131, RDL=3.0	126	ppbv	70 - 130
		2-Propanone	2008/06/27	102, RDL=0.80	100	ppbv	70 - 130
		4-ethyltoluene	2008/06/27	106, RDL=2.2	99	ppbv	70 - 130
		Benzene	2008/06/27	46.7, RDL=0.18	89	ppbv	70 - 130
		Benzyl chloride	2008/06/27	140, RDL=1.0	133 (†)	ppbv	70 - 130
		Bromodichloromethane	2008/06/27	98.9, RDL=0.20	93	ppbv	70 - 130
		Bromoform	2008/06/27	126, RDL=0.20	122	ppbv	70 - 130
		Bromomethane	2008/06/27	45.0, RDL=0.18	90	ppbv	70 - 130
		Carbon Disulfide	2008/06/27	74.2, RDL=0.50	75	ppbv	70 - 130
		Carbon Tetrachloride	2008/06/27	51.5, RDL=0.30	101	ppbv	70 - 130
		Chlorobenzene	2008/06/27	49.5, RDL=0.20	90	ppbv	70 - 130
		Chloroethane	2008/06/27	45.0, RDL=0.30	90	ppbv	70 - 130

Pennsylvania Tectonics Inc  
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Maxxam Job Number: GA867037

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1550450 LSY	Spiked Blank	Chloroform	2008/06/27	40.0, RDL=0.15	85	ppbv	70 - 130
		Chloromethane	2008/06/27	50.0, RDL=0.30	100	ppbv	70 - 130
		cis-1,2-Dichloroethylene	2008/06/27	44.9, RDL=0.19	88	ppbv	70 - 130
		cis-1,3-Dichloropropene	2008/06/27	51.5, RDL=0.18	99	ppbv	70 - 130
		Cyclohexane	2008/06/27	100, RDL=0.20	98	ppbv	70 - 130
		Dibromochloromethane	2008/06/27	110, RDL=0.20	105	ppbv	70 - 130
		Dichlorodifluoromethane (FREON 12)	2008/06/27	42.7, RDL=0.20	88	ppbv	70 - 130
		Ethanol	2008/06/27	55.3, RDL=2.3	97	ppbv	70 - 130
		Ethyl Acetate	2008/06/27	107, RDL=2.2	110	ppbv	70 - 130
		Ethylbenzene	2008/06/27	48.1, RDL=0.20	89	ppbv	70 - 130
		Ethylene Dibromide	2008/06/27	55.1, RDL=0.17	102	ppbv	70 - 130
		Heptane	2008/06/27	105, RDL=0.30	102	ppbv	70 - 130
		Hexachlorobutadiene	2008/06/27	50.6, RDL=3.0	92	ppbv	70 - 130
		Hexane	2008/06/27	94.5, RDL=0.30	95	ppbv	70 - 130
		m / p-Xylene	2008/06/27	91.0, RDL=0.37	85	ppbv	70 - 130
		Methyl Butyl Ketone (2-Hexanone)	2008/06/27	123, RDL=2.0	114	ppbv	70 - 130
		Methyl Ethyl Ketone (2-Butanone)	2008/06/27	119, RDL=3.0	113	ppbv	70 - 130
		Methyl Isobutyl Ketone	2008/06/27	117, RDL=3.2	111	ppbv	70 - 130
		Methyl t-butyl ether (MTBE)	2008/06/27	94.3, RDL=0.20	90	ppbv	70 - 130
		Methylene Chloride(Dichloromethane)	2008/06/27	46.6, RDL=0.30	95	ppbv	70 - 130
		o-Xylene	2008/06/27	47.4, RDL=0.20	87	ppbv	70 - 130
		Propene	2008/06/27	103, RDL=0.30	104	ppbv	70 - 130
		Styrene	2008/06/27	47.5, RDL=0.20	88	ppbv	70 - 130
		Tetrachloroethylene	2008/06/27	51.4, RDL=0.20	96	ppbv	70 - 130
		Tetrahydrofuran	2008/06/27	111, RDL=0.40	107	ppbv	70 - 130
		Toluene	2008/06/27	49.6, RDL=0.20	91	ppbv	70 - 130
		trans-1,2-Dichloroethylene	2008/06/27	85.7, RDL=0.20	86	ppbv	70 - 130
		trans-1,3-Dichloropropene	2008/06/27	56.9, RDL=0.17	99	ppbv	70 - 130
		Trichloroethylene	2008/06/27	45.4, RDL=0.30	84	ppbv	70 - 130
		Trichlorofluoromethane (FREON 11)	2008/06/27	40.3, RDL=0.20	84	ppbv	70 - 130
		Trichlorotrifluoroethane	2008/06/27	41.3, RDL=0.15	86	ppbv	70 - 130
		Vinyl Acetate	2008/06/27	125, RDL=0.20	123	ppbv	70 - 130
		Vinyl Bromide	2008/06/27	49.0, RDL=0.20	98	ppbv	70 - 130
		Vinyl Chloride	2008/06/27	45.5, RDL=0.18	92	ppbv	70 - 130
	Method Blank	Bromochloromethane	2008/06/27		79	%	60 - 140
		D5-Chlorobenzene	2008/06/27		76	%	60 - 140
		Difluorobenzene	2008/06/27		87	%	60 - 140
		1,1,1-Trichloroethane	2008/06/27	ND, RDL=0.30		ppbv	
		1,1,2,2-Tetrachloroethane	2008/06/27	ND, RDL=0.20		ppbv	
		1,1,2-Trichloroethane	2008/06/27	ND, RDL=0.15		ppbv	
		1,1-Dichloroethane	2008/06/27	ND, RDL=0.20		ppbv	
		1,1-Dichloroethylene	2008/06/27	ND, RDL=0.25		ppbv	
		1,2,4-Trichlorobenzene	2008/06/27	ND, RDL=2.0		ppbv	
		1,2,4-Trimethylbenzene	2008/06/27	ND, RDL=2.5		ppbv	
		1,2-Dichlorobenzene	2008/06/27	ND, RDL=0.40		ppbv	
		1,2-Dichloroethane	2008/06/27	ND, RDL=0.20		ppbv	
		1,2-Dichloropropane	2008/06/27	ND, RDL=0.40		ppbv	
		1,2-Dichlorotetrafluoroethane	2008/06/27	ND, RDL=0.17		ppbv	
		1,3,5-Trimethylbenzene	2008/06/27	ND, RDL=2.4		ppbv	
		1,3-Butadiene	2008/06/27	ND, RDL=0.50		ppbv	
		1,3-Dichlorobenzene	2008/06/27	ND, RDL=0.40		ppbv	
		1,4-Dichlorobenzene	2008/06/27	ND, RDL=0.40		ppbv	
		1,4-Dioxane	2008/06/27	ND, RDL=2.0		ppbv	
		2,2,4-Trimethylpentane	2008/06/27	ND, RDL=0.20		ppbv	
		2-propanol	2008/06/27	ND, RDL=3.0		ppbv	

Pennsylvania Tectonics Inc  
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Maxxam Job Number: GA867037

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1550450 LSY	Method Blank	2-Propanone	2008/06/27	1.50, RDL=0.80		ppbv	
		4-ethyltoluene	2008/06/27	ND, RDL=2.2		ppbv	
		Benzene	2008/06/27	ND, RDL=0.18		ppbv	
		Benzyl chloride	2008/06/27	ND, RDL=1.0		ppbv	
		Bromodichloromethane	2008/06/27	ND, RDL=0.20		ppbv	
		Bromoform	2008/06/27	ND, RDL=0.20		ppbv	
		Bromomethane	2008/06/27	ND, RDL=0.18		ppbv	
		Carbon Disulfide	2008/06/27	ND, RDL=0.50		ppbv	
		Carbon Tetrachloride	2008/06/27	ND, RDL=0.30		ppbv	
		Chlorobenzene	2008/06/27	ND, RDL=0.20		ppbv	
		Chloroethane	2008/06/27	ND, RDL=0.30		ppbv	
		Chloroform	2008/06/27	ND, RDL=0.15		ppbv	
		Chloromethane	2008/06/27	ND, RDL=0.30		ppbv	
		cis-1,2-Dichloroethylene	2008/06/27	ND, RDL=0.19		ppbv	
		cis-1,3-Dichloropropene	2008/06/27	ND, RDL=0.18		ppbv	
		Cyclohexane	2008/06/27	ND, RDL=0.20		ppbv	
		Dibromochloromethane	2008/06/27	ND, RDL=0.20		ppbv	
		Dichlorodifluoromethane (FREON 12)	2008/06/27	ND, RDL=0.20		ppbv	
		Ethanol	2008/06/27	ND, RDL=2.3		ppbv	
		Ethyl Acetate	2008/06/27	ND, RDL=2.2		ppbv	
		Ethylbenzene	2008/06/27	ND, RDL=0.20		ppbv	
		Ethylene Dibromide	2008/06/27	ND, RDL=0.17		ppbv	
		Heptane	2008/06/27	ND, RDL=0.30		ppbv	
		Hexachlorobutadiene	2008/06/27	ND, RDL=3.0		ppbv	
		Hexane	2008/06/27	ND, RDL=0.30		ppbv	
		m / p-Xylene	2008/06/27	ND, RDL=0.37		ppbv	
		Methyl Butyl Ketone (2-Hexanone)	2008/06/27	ND, RDL=2.0		ppbv	
		Methyl Ethyl Ketone (2-Butanone)	2008/06/27	ND, RDL=3.0		ppbv	
		Methyl Isobutyl Ketone	2008/06/27	ND, RDL=3.2		ppbv	
		Methyl t-butyl ether (MTBE)	2008/06/27	ND, RDL=0.20		ppbv	
		Methylene Chloride(Dichloromethane)	2008/06/27	0.96, RDL=0.30		ppbv	
		o-Xylene	2008/06/27	ND, RDL=0.20		ppbv	
		Propene	2008/06/27	ND, RDL=0.30		ppbv	
		Styrene	2008/06/27	ND, RDL=0.20		ppbv	
		Tetrachloroethylene	2008/06/27	ND, RDL=0.20		ppbv	
		Tetrahydrofuran	2008/06/27	ND, RDL=0.40		ppbv	
		Toluene	2008/06/27	ND, RDL=0.20		ppbv	
		trans-1,2-Dichloroethylene	2008/06/27	ND, RDL=0.20		ppbv	
		trans-1,3-Dichloropropene	2008/06/27	ND, RDL=0.17		ppbv	
		Trichloroethylene	2008/06/27	ND, RDL=0.30		ppbv	
		Trichlorofluoromethane (FREON 11)	2008/06/27	ND, RDL=0.20		ppbv	
		Trichlorotrifluoroethane	2008/06/27	ND, RDL=0.15		ppbv	
		Vinyl Acetate	2008/06/27	ND, RDL=0.20		ppbv	
		Vinyl Bromide	2008/06/27	ND, RDL=0.20		ppbv	
		Vinyl Chloride	2008/06/27	ND, RDL=0.18		ppbv	
1550468 LSY	Method Blank	Characterisation by MS	2008/06/27	0		ppbv	
1551108 LSY	Spiked Blank	Bromochloromethane	2008/06/30		110	%	60 - 140
		D5-Chlorobenzene	2008/06/30		106	%	60 - 140
		Difluorobenzene	2008/06/30		113	%	60 - 140
		1,1,1-Trichloroethane	2008/06/30	45.8, RDL=0.30	89	ppbv	70 - 130
		1,1,2,2-Tetrachloroethane	2008/06/30	49.6, RDL=0.20	91	ppbv	70 - 130
		1,1,2-Trichloroethane	2008/06/30	48.4, RDL=0.15	88	ppbv	70 - 130
		1,1-Dichloroethane	2008/06/30	44.4, RDL=0.20	87	ppbv	70 - 130
		1,1-Dichloroethylene	2008/06/30	39.9, RDL=0.25	84	ppbv	70 - 130
		1,2,4-Trichlorobenzene	2008/06/30	49.5, RDL=2.0	90	ppbv	70 - 130

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Quality Assurance Report (Continued)  
Maxxam Job Number: GA867037

QA/QC Batch	Date Analyzed	Parameter	Value	%Recovery	Units	QC Limits
Num Init	QC Type	yy/mm/dd				
1551108 LSY	Spiked Blank	1,2,4-Trimethylbenzene	2008/06/30 46.3, RDL=2.5	85	ppbv	70 - 130
		1,2-Dichlorobenzene	2008/06/30 49.1, RDL=0.40	90	ppbv	70 - 130
		1,2-Dichloroethane	2008/06/30 43.5, RDL=0.20	82	ppbv	70 - 130
		1,2-Dichloropropane	2008/06/30 49.8, RDL=0.40	93	ppbv	70 - 130
		1,2-Dichlorotetrafluoroethane	2008/06/30 46.5, RDL=0.17	94	ppbv	70 - 130
		1,3,5-Trimethylbenzene	2008/06/30 45.8, RDL=2.4	84	ppbv	70 - 130
		1,3-Butadiene	2008/06/30 94.7, RDL=0.50	95	ppbv	70 - 130
		1,3-Dichlorobenzene	2008/06/30 50.6, RDL=0.40	92	ppbv	70 - 130
		1,4-Dichlorobenzene	2008/06/30 49.6, RDL=0.40	91	ppbv	70 - 130
		1,4-Dioxane	2008/06/30 104, RDL=2.0	98	ppbv	70 - 130
		2,2,4-Trimethylpentane	2008/06/30 51.5, RDL=0.20	103	ppbv	70 - 130
		2-propanol	2008/06/30 128, RDL=3.0	123	ppbv	70 - 130
		2-Propanone	2008/06/30 97.4, RDL=0.80	96	ppbv	70 - 130
		4-ethyltoluene	2008/06/30 103, RDL=2.2	96	ppbv	70 - 130
		Benzene	2008/06/30 46.2, RDL=0.18	88	ppbv	70 - 130
		Benzyl chloride	2008/06/30 132, RDL=1.0	126	ppbv	70 - 130
		Bromodichloromethane	2008/06/30 96.7, RDL=0.20	91	ppbv	70 - 130
		Bromoform	2008/06/30 122, RDL=0.20	118	ppbv	70 - 130
		Bromomethane	2008/06/30 44.0, RDL=0.18	88	ppbv	70 - 130
		Carbon Disulfide	2008/06/30 73.2, RDL=0.50	74	ppbv	70 - 130
		Carbon Tetrachloride	2008/06/30 49.5, RDL=0.30	97	ppbv	70 - 130
		Chlorobenzene	2008/06/30 48.4, RDL=0.20	88	ppbv	70 - 130
		Chloroethane	2008/06/30 44.0, RDL=0.30	88	ppbv	70 - 130
		Chloroform	2008/06/30 38.5, RDL=0.15	82	ppbv	70 - 130
		Chloromethane	2008/06/30 49.0, RDL=0.30	98	ppbv	70 - 130
		cis-1,2-Dichloroethylene	2008/06/30 43.4, RDL=0.19	85	ppbv	70 - 130
		cis-1,3-Dichloropropene	2008/06/30 49.9, RDL=0.18	96	ppbv	70 - 130
		Cyclohexane	2008/06/30 97.9, RDL=0.20	96	ppbv	70 - 130
		Dibromochloromethane	2008/06/30 106, RDL=0.20	101	ppbv	70 - 130
		Dichlorodifluoromethane (FREON 12)	2008/06/30 41.7, RDL=0.20	86	ppbv	70 - 130
		Ethanol	2008/06/30 51.9, RDL=2.3	91	ppbv	70 - 130
		Ethyl Acetate	2008/06/30 101, RDL=2.2	104	ppbv	70 - 130
		Ethylbenzene	2008/06/30 47.0, RDL=0.20	87	ppbv	70 - 130
		Ethylene Dibromide	2008/06/30 53.5, RDL=0.17	99	ppbv	70 - 130
		Heptane	2008/06/30 102, RDL=0.30	99	ppbv	70 - 130
		Hexachlorobutadiene	2008/06/30 46.2, RDL=3.0	84	ppbv	70 - 130
		Hexane	2008/06/30 91.5, RDL=0.30	92	ppbv	70 - 130
		m / p-Xylene	2008/06/30 89.9, RDL=0.37	84	ppbv	70 - 130
		Methyl Butyl Ketone (2-Hexanone)	2008/06/30 118, RDL=2.0	110	ppbv	70 - 130
		Methyl Ethyl Ketone (2-Butanone)	2008/06/30 113, RDL=3.0	108	ppbv	70 - 130
		Methyl Isobutyl Ketone	2008/06/30 113, RDL=3.2	108	ppbv	70 - 130
		Methyl t-butyl ether (MTBE)	2008/06/30 88.0, RDL=0.20	84	ppbv	70 - 130
		Methylene Chloride(Dichloromethane)	2008/06/30 44.6, RDL=0.30	91	ppbv	70 - 130
		o-Xylene	2008/06/30 46.3, RDL=0.20	85	ppbv	70 - 130
		Propene	2008/06/30 100, RDL=0.30	101	ppbv	70 - 130
		Styrene	2008/06/30 45.9, RDL=0.20	85	ppbv	70 - 130
		Tetrachloroethylene	2008/06/30 49.8, RDL=0.20	93	ppbv	70 - 130
		Tetrahydrofuran	2008/06/30 107, RDL=0.40	103	ppbv	70 - 130
		Toluene	2008/06/30 48.5, RDL=0.20	89	ppbv	70 - 130
		trans-1,2-Dichloroethylene	2008/06/30 82.7, RDL=0.20	83	ppbv	70 - 130
		trans-1,3-Dichloropropene	2008/06/30 54.6, RDL=0.17	95	ppbv	70 - 130
		Trichloroethylene	2008/06/30 44.3, RDL=0.30	82	ppbv	70 - 130
		Trichlorofluoromethane (FREON 11)	2008/06/30 39.4, RDL=0.20	82	ppbv	70 - 130
		Trichlorotrifluoroethane	2008/06/30 40.3, RDL=0.15	84	ppbv	70 - 130
		Vinyl Acetate	2008/06/30 118, RDL=0.20	116	ppbv	70 - 130

Pennsylvania Tectonics Inc  
Attention: Martin Gilgallon  
Client Project #: 27058.03  
P.O. #:  
Project name: LEWMO BROS GARAGE

Quality Assurance Report (Continued)  
Maxxam Job Number: GA867037

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1551108 LSY	Spiked Blank	Vinyl Bromide	2008/06/30	44.0, RDL=0.20	88	ppbv	70 - 130
		Vinyl Chloride	2008/06/30	44.6, RDL=0.18	90	ppbv	70 - 130
	Method Blank	Bromochloromethane	2008/06/30		86	%	60 - 140
		D5-Chlorobenzene	2008/06/30		83	%	60 - 140
		Difluorobenzene	2008/06/30		95	%	60 - 140
		1,1,1-Trichloroethane	2008/06/30	ND, RDL=0.30		ppbv	
		1,1,2,2-Tetrachloroethane	2008/06/30	ND, RDL=0.20		ppbv	
		1,1,2-Trichloroethane	2008/06/30	ND, RDL=0.15		ppbv	
		1,1-Dichloroethane	2008/06/30	ND, RDL=0.20		ppbv	
		1,1-Dichloroethylene	2008/06/30	ND, RDL=0.25		ppbv	
		1,2,4-Trichlorobenzene	2008/06/30	ND, RDL=2.0		ppbv	
		1,2,4-Trimethylbenzene	2008/06/30	ND, RDL=2.5		ppbv	
		1,2-Dichlorobenzene	2008/06/30	ND, RDL=0.40		ppbv	
		1,2-Dichloroethane	2008/06/30	ND, RDL=0.20		ppbv	
		1,2-Dichloropropane	2008/06/30	ND, RDL=0.40		ppbv	
		1,2-Dichlorotetrafluoroethane	2008/06/30	ND, RDL=0.17		ppbv	
		1,3,5-Trimethylbenzene	2008/06/30	ND, RDL=2.4		ppbv	
		1,3-Butadiene	2008/06/30	ND, RDL=0.50		ppbv	
		1,3-Dichlorobenzene	2008/06/30	ND, RDL=0.40		ppbv	
		1,4-Dichlorobenzene	2008/06/30	ND, RDL=0.40		ppbv	
		1,4-Dioxane	2008/06/30	ND, RDL=2.0		ppbv	
		2,2,4-Trimethylpentane	2008/06/30	ND, RDL=0.20		ppbv	
		2-propanol	2008/06/30	ND, RDL=3.0		ppbv	
		2-Propanone	2008/06/30	ND, RDL=0.80		ppbv	
		4-ethyltoluene	2008/06/30	ND, RDL=2.2		ppbv	
		Benzene	2008/06/30	ND, RDL=0.18		ppbv	
		Benzyl chloride	2008/06/30	ND, RDL=1.0		ppbv	
		Bromodichloromethane	2008/06/30	ND, RDL=0.20		ppbv	
		Bromoform	2008/06/30	ND, RDL=0.20		ppbv	
		Bromomethane	2008/06/30	ND, RDL=0.18		ppbv	
		Carbon Disulfide	2008/06/30	ND, RDL=0.50		ppbv	
		Carbon Tetrachloride	2008/06/30	ND, RDL=0.30		ppbv	
		Chlorobenzene	2008/06/30	ND, RDL=0.20		ppbv	
		Chloroethane	2008/06/30	ND, RDL=0.30		ppbv	
		Chloroform	2008/06/30	ND, RDL=0.15		ppbv	
		Chloromethane	2008/06/30	ND, RDL=0.30		ppbv	
		cis-1,2-Dichloroethylene	2008/06/30	ND, RDL=0.19		ppbv	
		cis-1,3-Dichloropropene	2008/06/30	ND, RDL=0.18		ppbv	
		Cyclohexane	2008/06/30	ND, RDL=0.20		ppbv	
		Dibromochloromethane	2008/06/30	ND, RDL=0.20		ppbv	
		Dichlorodifluoromethane (FREON 12)	2008/06/30	ND, RDL=0.20		ppbv	
		Ethanol	2008/06/30	ND, RDL=2.3		ppbv	
		Ethyl Acetate	2008/06/30	ND, RDL=2.2		ppbv	
		Ethylbenzene	2008/06/30	ND, RDL=0.20		ppbv	
		Ethylene Dibromide	2008/06/30	ND, RDL=0.17		ppbv	
		Heptane	2008/06/30	ND, RDL=0.30		ppbv	
		Hexachlorobutadiene	2008/06/30	ND, RDL=3.0		ppbv	
		Hexane	2008/06/30	ND, RDL=0.30		ppbv	
		m / p-Xylene	2008/06/30	ND, RDL=0.37		ppbv	
		Methyl Butyl Ketone (2-Hexanone)	2008/06/30	ND, RDL=2.0		ppbv	
		Methyl Ethyl Ketone (2-Butanone)	2008/06/30	ND, RDL=3.0		ppbv	
		Methyl Isobutyl Ketone	2008/06/30	ND, RDL=3.2		ppbv	
		Methyl t-butyl ether (MTBE)	2008/06/30	ND, RDL=0.20		ppbv	
		Methylene Chloride(Dichloromethane)	2008/06/30	0.92, RDL=0.30		ppbv	
		o-Xylene	2008/06/30	ND, RDL=0.20		ppbv	

Pennsylvania Tectonics Inc  
Attention: Martin Gilgallon  
Client Project #: 27058.03  
P.O. #:  
Project name: LEWMO BROS GARAGE

Quality Assurance Report (Continued)  
Maxxam Job Number: GA867037

QA/QC Batch			Date Analyzed				
Num Init	QC Type	Parameter	yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1551108	LSY Method Blank	Propene	2008/06/30	ND, RDL=0.30		ppbv	
		Styrene	2008/06/30	ND, RDL=0.20		ppbv	
		Tetrachloroethylene	2008/06/30	ND, RDL=0.20		ppbv	
		Tetrahydrofuran	2008/06/30	ND, RDL=0.40		ppbv	
		Toluene	2008/06/30	ND, RDL=0.20		ppbv	
		trans-1,2-Dichloroethylene	2008/06/30	ND, RDL=0.20		ppbv	
		trans-1,3-Dichloropropene	2008/06/30	ND, RDL=0.17		ppbv	
		Trichloroethylene	2008/06/30	ND, RDL=0.30		ppbv	
		Trichlorofluoromethane (FREON 11)	2008/06/30	ND, RDL=0.20		ppbv	
		Trichlorotrifluoroethane	2008/06/30	ND, RDL=0.15		ppbv	
		Vinyl Acetate	2008/06/30	ND, RDL=0.20		ppbv	
		Vinyl Bromide	2008/06/30	ND, RDL=0.20		ppbv	
		Vinyl Chloride	2008/06/30	ND, RDL=0.18		ppbv	
1551158	LSY Method Blank	Characterisation by MS	2008/06/30	0		ppbv	

ND = Not detected  
SPIKE = Fortified sample  
( 1 ) Please refer to General Comments page for specific clarification.



# Chain of Custody Form - Summa™ Canister

24-Jun-08 16:19  
JAMES HARTLEY

**Maxyam**  
6740 Campbell Rd  
Mississauga Ontario L5N 2L3  
www.maxymanalytics.com

Toll Free: 1-800-888-0630  
Phone: (905) 817-5700  
Fax: (905) 817-5777

CLIENT  
Company Name: PENNSYLVANIA TECHNOLOGIES INC

INFORMATION  
Project Manager: M. GILGALLON  
e-mail: pa.technologies@hotmail.com

SECTION  
Address: 626 MAIN ST  
PERKINS PA 18432

Phone: 570-467-1959 Fax: 570-467-1961

Sampled by: \_\_\_\_\_

ASR AIR-001 ED

Page 1 of 1

EPA TO-15	CUMENE																		
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MAXYAM Use only	Field Sample ID	Canister Serial #	Flow Regulator Serial #	Collection Time	Collection Date														
	OSB-0621-VP1	7853	*	1505	6-21-08	X	X												
	OSB-0621-VP2	7940	*	1507	6-21-08	X	X												
	OSB-0621-VP20	7789	*	1507	6-21-08	X	X												
	OSB-0621-VP3	7870	*	1404	6-21-08	X	X												
	OSB-0621-VP4	72421	*	1405	6-21-08	X	X												

24 JUN 24 16:19

<b>TAT Requirement</b> STD 10 Business day <input checked="" type="checkbox"/> Rush 5 Business day* <input type="checkbox"/> Rush 2 Business day* <input type="checkbox"/> Rush 1 Business day* <input type="checkbox"/> Other (specify): _____	<b>PROJECT INFORMATION</b> Project #: <u>2705843</u> Name: <u>Louis Bros Garage</u> PO #: _____ Maxyam Quote #: _____ Maxyam Contact: <u>Jim Jellen</u>	<b>REPORTING REQUIREMENTS</b> Summary Report only <input checked="" type="checkbox"/> Summary Report & Full Data Package <input type="checkbox"/> EDD <input type="checkbox"/>	<b>PROJECT SPECIFIC COMMENTS</b> * VP1 139521-730396 VP2 139546-730572 VP20 139546-730332 VP3 140215-7305309 VP4 141085-7306089
Client Signature: <u>[Signature]</u> Affiliation: <u>President</u> Date/Time: <u>6-27-08 1:15</u>	Received by: <u>[Signature]</u> Affiliation: _____ Date/Time: <u>6-23-08 1:15</u>	* = need approval from Maxyam <u>[Signature]</u> 6/24/08 KSH/PAK 16:19	

Soil Vapor Analytical Data Sheets

March 23, 2009



## Certificate of Analysis

Project Name:	<b>LEWIS BROTHERS-PA SITE</b>	Workorder:	<b>9781456</b>
Purchase Order:		Workorder ID:	<b>27058</b>

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

March 27, 2009

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Tuesday, March 24, 2009

ALSI is a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAC.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAC accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**SAMPLE SUMMARY**

Workorder: 9781456 27058

Discard Date: 04/10/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9781456001	058-0323 VP1	Air	3/23/09 16:35	3/24/09 19:21	Customer
9781456002	058-0323 VP2	Air	3/23/09 16:38	3/24/09 19:21	Customer
9781456003	058-0323 VP2D	Air	3/23/09 16:38	3/24/09 19:21	Customer
9781456004	058-0323 VP3	Air	3/23/09 16:47	3/24/09 19:21	Customer
9781456005	058-0323 VP4	Air	3/23/09 16:54	3/24/09 19:21	Customer

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



**ANALYTICAL RESULTS**

Workorder: 9781456 27058

Lab ID: 9781456001  
Sample ID: 058-0323 VP1

Date Collected: 3/23/2009 16:35  
Date Received: 3/24/2009 19:21

Matrix: Air

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	ND		ppbv	0.50	TO-15		3/27/09 07:46	JSS	A
Ethylbenzene	ND		ppbv	0.50	TO-15		3/27/09 07:46	JSS	A
Isopropylbenzene	ND		ppbv	0.50	TO-15		3/27/09 07:46	JSS	A
Methyl t-Butyl Ether	ND		ppbv	0.50	TO-15		3/27/09 07:46	JSS	A
Naphthalene	ND	1	ppbv	0.50	TO-15		3/27/09 07:46	JSS	A
Toluene	ND		ppbv	0.50	TO-15		3/27/09 07:46	JSS	A
Total Xylenes	ND		ppbv	1.5	TO-15		3/27/09 07:46	JSS	A
1,2,4-Trimethylbenzene	ND		ppbv	0.50	TO-15		3/27/09 07:46	JSS	A
1,3,5-Trimethylbenzene	ND		ppbv	0.50	TO-15		3/27/09 07:46	JSS	A
Benzene	ND		ug/m3	1.6	TO-15		3/27/09 07:46	JSS	A
Ethylbenzene	ND		ug/m3	2.2	TO-15		3/27/09 07:46	JSS	A
Isopropylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 07:46	JSS	A
Methyl t-Butyl Ether	ND		ug/m3	1.8	TO-15		3/27/09 07:46	JSS	A
Naphthalene	ND	1	ug/m3	2.6	TO-15		3/27/09 07:46	JSS	A
Toluene	ND		ug/m3	1.9	TO-15		3/27/09 07:46	JSS	A
Total Xylenes	ND		ug/m3	6.5	TO-15		3/27/09 07:46	JSS	A
1,2,4-Trimethylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 07:46	JSS	A
1,3,5-Trimethylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 07:46	JSS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	95.5		%	70-130	TO-15		3/27/09 07:46	JSS	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9781456 27058

Lab ID: 9781456002  
Sample ID: 058-0323 VP2

Date Collected: 3/23/2009 16:38  
Date Received: 3/24/2009 19:21

Matrix: Air

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	0.61		ppbv	0.50	TO-15		3/27/09 08:34	JSS	A
Ethylbenzene	1.2		ppbv	0.50	TO-15		3/27/09 08:34	JSS	A
Isopropylbenzene	ND		ppbv	0.50	TO-15		3/27/09 08:34	JSS	A
Methyl t-Butyl Ether	ND		ppbv	0.50	TO-15		3/27/09 08:34	JSS	A
Naphthalene	ND	1	ppbv	0.50	TO-15		3/27/09 08:34	JSS	A
Toluene	4.4		ppbv	0.50	TO-15		3/27/09 08:34	JSS	A
Total Xylenes	8.0		ppbv	1.5	TO-15		3/27/09 08:34	JSS	A
1,2,4-Trimethylbenzene	2.0		ppbv	0.50	TO-15		3/27/09 08:34	JSS	A
1,3,5-Trimethylbenzene	0.64		ppbv	0.50	TO-15		3/27/09 08:34	JSS	A
Benzene	2.0		ug/m3	1.6	TO-15		3/27/09 08:34	JSS	A
Ethylbenzene	5.1		ug/m3	2.2	TO-15		3/27/09 08:34	JSS	A
Isopropylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 08:34	JSS	A
Methyl t-Butyl Ether	ND		ug/m3	1.8	TO-15		3/27/09 08:34	JSS	A
Naphthalene	ND	1	ug/m3	2.6	TO-15		3/27/09 08:34	JSS	A
Toluene	16.4		ug/m3	1.9	TO-15		3/27/09 08:34	JSS	A
Total Xylenes	34.6		ug/m3	6.5	TO-15		3/27/09 08:34	JSS	A
1,2,4-Trimethylbenzene	9.7		ug/m3	2.5	TO-15		3/27/09 08:34	JSS	A
1,3,5-Trimethylbenzene	3.1		ug/m3	2.5	TO-15		3/27/09 08:34	JSS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	101		%	70-130	TO-15		3/27/09 08:34	JSS	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9781456 27058

Lab ID: 9781456003  
Sample ID: 058-0323 VP2D

Date Collected: 3/23/2009 16:38  
Date Received: 3/24/2009 19:21

Matrix: Air

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	ND		ppbv	0.50	TO-15		3/27/09 09:23	JSS	A
Ethylbenzene	0.80		ppbv	0.50	TO-15		3/27/09 09:23	JSS	A
Isopropylbenzene	ND		ppbv	0.50	TO-15		3/27/09 09:23	JSS	A
Methyl t-Butyl Ether	ND		ppbv	0.50	TO-15		3/27/09 09:23	JSS	A
Naphthalene	ND	1	ppbv	0.50	TO-15		3/27/09 09:23	JSS	A
Toluene	3.2		ppbv	0.50	TO-15		3/27/09 09:23	JSS	A
Total Xylenes	5.6		ppbv	1.5	TO-15		3/27/09 09:23	JSS	A
1,2,4-Trimethylbenzene	0.85		ppbv	0.50	TO-15		3/27/09 09:23	JSS	A
1,3,5-Trimethylbenzene	ND		ppbv	0.50	TO-15		3/27/09 09:23	JSS	A
Benzene	ND		ug/m3	1.6	TO-15		3/27/09 09:23	JSS	A
Ethylbenzene	3.5		ug/m3	2.2	TO-15		3/27/09 09:23	JSS	A
Isopropylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 09:23	JSS	A
Methyl t-Butyl Ether	ND		ug/m3	1.8	TO-15		3/27/09 09:23	JSS	A
Naphthalene	ND	1	ug/m3	2.6	TO-15		3/27/09 09:23	JSS	A
Toluene	11.9		ug/m3	1.9	TO-15		3/27/09 09:23	JSS	A
Total Xylenes	24.4		ug/m3	6.5	TO-15		3/27/09 09:23	JSS	A
1,2,4-Trimethylbenzene	4.2		ug/m3	2.5	TO-15		3/27/09 09:23	JSS	A
1,3,5-Trimethylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 09:23	JSS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	97.6		%	70-130	TO-15		3/27/09 09:23	JSS	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9781456 27058

Lab ID: 9781456004  
Sample ID: 058-0323 VP3

Date Collected: 3/23/2009 16:47  
Date Received: 3/24/2009 19:21

Matrix: Air

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	0.66		ppbv	0.50	TO-15		3/27/09 10:08	JSS	A
Ethylbenzene	1.3		ppbv	0.50	TO-15		3/27/09 10:08	JSS	A
Isopropylbenzene	ND		ppbv	0.50	TO-15		3/27/09 10:08	JSS	A
Methyl t-Butyl Ether	ND		ppbv	0.50	TO-15		3/27/09 10:08	JSS	A
Naphthalene	ND	1	ppbv	0.50	TO-15		3/27/09 10:08	JSS	A
Toluene	19.7		ppbv	0.50	TO-15		3/27/09 10:08	JSS	A
Total Xylenes	7.9		ppbv	1.5	TO-15		3/27/09 10:08	JSS	A
1,2,4-Trimethylbenzene	1.6		ppbv	0.50	TO-15		3/27/09 10:08	JSS	A
1,3,5-Trimethylbenzene	ND		ppbv	0.50	TO-15		3/27/09 10:08	JSS	A
Benzene	2.1		ug/m3	1.6	TO-15		3/27/09 10:08	JSS	A
Ethylbenzene	5.5		ug/m3	2.2	TO-15		3/27/09 10:08	JSS	A
Isopropylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 10:08	JSS	A
Methyl t-Butyl Ether	ND		ug/m3	1.8	TO-15		3/27/09 10:08	JSS	A
Naphthalene	ND	1	ug/m3	2.6	TO-15		3/27/09 10:08	JSS	A
Toluene	74.2		ug/m3	1.9	TO-15		3/27/09 10:08	JSS	A
Total Xylenes	34.4		ug/m3	6.5	TO-15		3/27/09 10:08	JSS	A
1,2,4-Trimethylbenzene	8.1		ug/m3	2.5	TO-15		3/27/09 10:08	JSS	A
1,3,5-Trimethylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 10:08	JSS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	99.7		%	70-130	TO-15		3/27/09 10:08	JSS	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9781456 27058

Lab ID: 9781456005  
Sample ID: 058-0323 VP4

Date Collected: 3/23/2009 16:54  
Date Received: 3/24/2009 19:21

Matrix: Air

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	ND		ppbv	0.50	TO-15		3/27/09 10:52	JSS	A
Ethylbenzene	1.1		ppbv	0.50	TO-15		3/27/09 10:52	JSS	A
Isopropylbenzene	ND		ppbv	0.50	TO-15		3/27/09 10:52	JSS	A
Methyl t-Butyl Ether	ND		ppbv	0.50	TO-15		3/27/09 10:52	JSS	A
Naphthalene	ND	1	ppbv	0.50	TO-15		3/27/09 10:52	JSS	A
Toluene	4.5		ppbv	0.50	TO-15		3/27/09 10:52	JSS	A
Total Xylenes	7.1		ppbv	1.5	TO-15		3/27/09 10:52	JSS	A
1,2,4-Trimethylbenzene	1.4		ppbv	0.50	TO-15		3/27/09 10:52	JSS	A
1,3,5-Trimethylbenzene	ND		ppbv	0.50	TO-15		3/27/09 10:52	JSS	A
Benzene	ND		ug/m3	1.6	TO-15		3/27/09 10:52	JSS	A
Ethylbenzene	4.8		ug/m3	2.2	TO-15		3/27/09 10:52	JSS	A
Isopropylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 10:52	JSS	A
Methyl t-Butyl Ether	ND		ug/m3	1.8	TO-15		3/27/09 10:52	JSS	A
Naphthalene	ND	1	ug/m3	2.6	TO-15		3/27/09 10:52	JSS	A
Toluene	17.1		ug/m3	1.9	TO-15		3/27/09 10:52	JSS	A
Total Xylenes	30.9		ug/m3	6.5	TO-15		3/27/09 10:52	JSS	A
1,2,4-Trimethylbenzene	6.8		ug/m3	2.5	TO-15		3/27/09 10:52	JSS	A
1,3,5-Trimethylbenzene	ND		ug/m3	2.5	TO-15		3/27/09 10:52	JSS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	100		%	70-130	TO-15		3/27/09 10:52	JSS	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



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## ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9781456 27058

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### PARAMETER QUALIFIERS\FLAGS

- [1] This compound failed slightly above the set criteria in the associated QC. No detections were present in this sample for this compound.



Soil Vapor Analytical Data Sheets

June 3, 2015

June 19, 2015

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name:	<b>Leaded and Unleaded in Air</b>	Workorder:	<b>2076937</b>
Purchase Order:	<b>27058.02</b>	Workorder ID:	<b>Lewis Brothers 27058.02</b>

Dear Mr. Gilgallon:

Enclosed are the analytical results for samples received by the laboratory on Monday, June 8, 2015.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

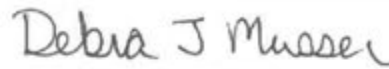
If you have any questions regarding this certificate of analysis, please contact Ms. Debra J. Musser (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Ms. Debra J. Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 2076937 Lewis Brothers 27058.02

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2076937001	058-0603.-VP1	Air	6/3/2015 12:55	6/8/2015 13:59	Collected by Client
2076937002	058-0603.-VP3	Air	6/3/2015 12:53	6/8/2015 13:59	Collected by Client
2076937003	058-0603.-VP4	Air	6/3/2015 12:51	6/8/2015 13:59	Collected by Client
2076937004	058-0603.-VP5	Air	6/3/2015 13:22	6/8/2015 13:59	Collected by Client
2076937005	058-0603.-VP5 DUP	Air	6/3/2015 13:22	6/8/2015 13:59	Collected by Client
2076937006	058-0603.-VP6	Air	6/3/2015 13:07	6/8/2015 13:59	Collected by Client
2076937007	058-0603.-VP2	Air	6/3/2015 12:52	6/8/2015 13:59	Collected by Client

**Notes**

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

**Standard Acronyms/Flags**

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)

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### PROJECT SUMMARY

Workorder: 2076937 Lewis Brothers 27058.02

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#### Sample Comments

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<b>Lab ID:</b> 2076937001	<b>Sample ID:</b> 058-0603.-VP1	<b>Sample Type:</b> SAMPLE
This TO-15 sample was received at the lab with insufficient sample volume. The canister was diluted to make up for the minimal sample volume.		
<b>Lab ID:</b> 2076937003	<b>Sample ID:</b> 058-0603.-VP4	<b>Sample Type:</b> SAMPLE
This TO-15 sample was received at the lab with insufficient sample volume. The canister was diluted to make up for the minimal sample volume.		
<b>Lab ID:</b> 2076937004	<b>Sample ID:</b> 058-0603.-VP5	<b>Sample Type:</b> SAMPLE
The reporting limits for the TO15 analytes were raised due to the dilution of the sample caused by the level of non-target compounds.		
<b>Lab ID:</b> 2076937005	<b>Sample ID:</b> 058-0603.-VP5 DUP	<b>Sample Type:</b> SAMPLE
The reporting limits for the TO15 analytes were raised due to the dilution of the sample caused by the level of non-target compounds.		
<b>Lab ID:</b> 2076937006	<b>Sample ID:</b> 058-0603.-VP6	<b>Sample Type:</b> SAMPLE
This TO-15 sample was received at the lab with insufficient sample volume. The canister was diluted to make up for the minimal sample volume.		
<b>Lab ID:</b> 2076937007	<b>Sample ID:</b> 058-0603.-VP2	<b>Sample Type:</b> SAMPLE
This TO-15 sample was received at the lab with insufficient sample volume. The canister was diluted to make up for the minimal sample volume.		

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### ALS Environmental Laboratory Locations Across North America

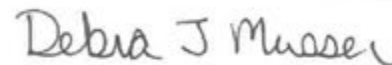
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**ANALYTICAL RESULTS**

Workorder: 2076937 Lewis Brothers 27058.02

 Lab ID: **2076937001** Date Collected: 6/3/2015 12:55 Matrix: Air  
 Sample ID: **058-0603.-VP1** Date Received: 6/8/2015 13:59

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	ND		ug/m3	890	TO-15		6/19/15 00:48	ECB	A
1,2-Dibromoethane	ND		ug/m3	2100	TO-15		6/19/15 00:48	ECB	A
1,2-Dichloroethane	ND		ug/m3	1100	TO-15		6/19/15 00:48	ECB	A
Ethylbenzene	ND		ug/m3	1200	TO-15		6/19/15 00:48	ECB	A
Isopropylbenzene	ND		ug/m3	1400	TO-15		6/19/15 00:48	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	1000	TO-15		6/19/15 00:48	ECB	A
Naphthalene	ND		ug/m3	1500	TO-15		6/19/15 00:48	ECB	A
Toluene	ND		ug/m3	1000	TO-15		6/19/15 00:48	ECB	A
Total Xylenes	ND		ug/m3	3600	TO-15		6/19/15 00:48	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	1400	TO-15		6/19/15 00:48	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	1400	TO-15		6/19/15 00:48	ECB	A
Benzene	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
1,2-Dibromoethane	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
1,2-Dichloroethane	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
Ethylbenzene	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
Isopropylbenzene	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
Methyl t-Butyl Ether	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
Naphthalene	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
Toluene	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
Total Xylenes	ND		ppbv	830	TO-15		6/19/15 00:48	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	280	TO-15		6/19/15 00:48	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	91		%	70 - 130	TO-15		6/19/15 00:48	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

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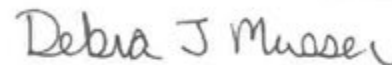


**ANALYTICAL RESULTS**

Workorder: 2076937 Lewis Brothers 27058.02

 Lab ID: **2076937002** Date Collected: 6/3/2015 12:53 Matrix: Air  
 Sample ID: **058-0603.-VP3** Date Received: 6/8/2015 13:59

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	ND		ug/m3	0.6	TO-15		6/19/15 01:40	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	TO-15		6/19/15 01:40	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	TO-15		6/19/15 01:40	ECB	A
Ethylbenzene	ND		ug/m3	0.9	TO-15		6/19/15 01:40	ECB	A
Isopropylbenzene	ND		ug/m3	1	TO-15		6/19/15 01:40	ECB	A
Methyl t-Butyl Ether	2		ug/m3	0.7	TO-15		6/19/15 01:40	ECB	A
Naphthalene	ND		ug/m3	1	TO-15		6/19/15 01:40	ECB	A
Toluene	2		ug/m3	0.8	TO-15		6/19/15 01:40	ECB	A
Total Xylenes	ND		ug/m3	3	TO-15		6/19/15 01:40	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	1	TO-15		6/19/15 01:40	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	1	TO-15		6/19/15 01:40	ECB	A
Benzene	ND		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
Ethylbenzene	ND		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
Isopropylbenzene	ND		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
Methyl t-Butyl Ether	0.47		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
Naphthalene	ND		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
Toluene	0.56		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
Total Xylenes	ND		ppbv	0.60	TO-15		6/19/15 01:40	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	0.20	TO-15		6/19/15 01:40	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	90		%	70 - 130	TO-15		6/19/15 01:40	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

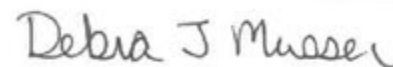
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**ANALYTICAL RESULTS**

Workorder: 2076937 Lewis Brothers 27058.02

 Lab ID: 2076937003 Date Collected: 6/3/2015 12:51 Matrix: Air  
 Sample ID: 058-0603.-VP4 Date Received: 6/8/2015 13:59

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	ND		ug/m3	5	TO-15		6/19/15 02:31	ECB	A
1,2-Dibromoethane	ND		ug/m3	11	TO-15		6/19/15 02:31	ECB	A
1,2-Dichloroethane	ND		ug/m3	6	TO-15		6/19/15 02:31	ECB	A
Ethylbenzene	ND		ug/m3	6	TO-15		6/19/15 02:31	ECB	A
Isopropylbenzene	ND		ug/m3	7	TO-15		6/19/15 02:31	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	5	TO-15		6/19/15 02:31	ECB	A
Naphthalene	ND		ug/m3	8	TO-15		6/19/15 02:31	ECB	A
Toluene	25		ug/m3	5	TO-15		6/19/15 02:31	ECB	A
Total Xylenes	ND		ug/m3	19	TO-15		6/19/15 02:31	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	7	TO-15		6/19/15 02:31	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	7	TO-15		6/19/15 02:31	ECB	A
Benzene	ND		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
1,2-Dibromoethane	ND		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
1,2-Dichloroethane	ND		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
Ethylbenzene	ND		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
Isopropylbenzene	ND		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
Methyl t-Butyl Ether	ND		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
Naphthalene	ND		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
Toluene	6.5		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
Total Xylenes	ND		ppbv	4.4	TO-15		6/19/15 02:31	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	1.5	TO-15		6/19/15 02:31	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	91		%	70 - 130	TO-15		6/19/15 02:31	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

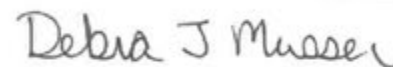
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**ANALYTICAL RESULTS**

Workorder: 2076937 Lewis Brothers 27058.02

 Lab ID: **2076937004** Date Collected: 6/3/2015 13:22 Matrix: Air  
 Sample ID: **058-0603.-VP5** Date Received: 6/8/2015 13:59

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	74		ug/m3	3	TO-15		6/19/15 03:21	ECB	A
1,2-Dibromoethane	ND		ug/m3	8	TO-15		6/19/15 03:21	ECB	A
1,2-Dichloroethane	ND		ug/m3	4	TO-15		6/19/15 03:21	ECB	A
Ethylbenzene	18		ug/m3	5	TO-15		6/19/15 03:21	ECB	A
Isopropylbenzene	ND		ug/m3	5	TO-15		6/19/15 03:21	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	4	TO-15		6/19/15 03:21	ECB	A
Naphthalene	ND		ug/m3	6	TO-15		6/19/15 03:21	ECB	A
Toluene	28		ug/m3	4	TO-15		6/19/15 03:21	ECB	A
Total Xylenes	81		ug/m3	14	TO-15		6/19/15 03:21	ECB	A
1,2,4-Trimethylbenzene	32		ug/m3	5	TO-15		6/19/15 03:21	ECB	A
1,3,5-Trimethylbenzene	11		ug/m3	5	TO-15		6/19/15 03:21	ECB	A
Benzene	23		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
1,2-Dibromoethane	ND		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
1,2-Dichloroethane	ND		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
Ethylbenzene	4.2		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
Isopropylbenzene	ND		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
Methyl t-Butyl Ether	ND		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
Naphthalene	ND		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
Toluene	7.5		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
Total Xylenes	19		ppbv	3.2	TO-15		6/19/15 03:21	ECB	A
1,2,4-Trimethylbenzene	6.5		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
1,3,5-Trimethylbenzene	2.2		ppbv	1.1	TO-15		6/19/15 03:21	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	96		%	70 - 130	TO-15		6/19/15 03:21	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

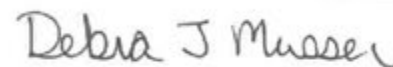
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**ANALYTICAL RESULTS**

Workorder: 2076937 Lewis Brothers 27058.02

 Lab ID: 2076937005 Date Collected: 6/3/2015 13:22 Matrix: Air  
 Sample ID: 058-0603.-VP5 DUP Date Received: 6/8/2015 13:59

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	75		ug/m3	1	TO-15		6/19/15 04:11	ECB	A
1,2-Dibromoethane	ND		ug/m3	3	TO-15		6/19/15 04:11	ECB	A
1,2-Dichloroethane	ND		ug/m3	2	TO-15		6/19/15 04:11	ECB	A
Ethylbenzene	21		ug/m3	2	TO-15		6/19/15 04:11	ECB	A
Isopropylbenzene	6		ug/m3	2	TO-15		6/19/15 04:11	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	1	TO-15		6/19/15 04:11	ECB	A
Naphthalene	5		ug/m3	2	TO-15		6/19/15 04:11	ECB	A
Toluene	22		ug/m3	2	TO-15		6/19/15 04:11	ECB	A
Total Xylenes	95		ug/m3	5	TO-15		6/19/15 04:11	ECB	A
1,2,4-Trimethylbenzene	38		ug/m3	2	TO-15		6/19/15 04:11	ECB	A
1,3,5-Trimethylbenzene	15		ug/m3	2	TO-15		6/19/15 04:11	ECB	A
Benzene	23		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
1,2-Dibromoethane	ND		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
1,2-Dichloroethane	ND		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
Ethylbenzene	4.9		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
Isopropylbenzene	1.1		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
Methyl t-Butyl Ether	ND		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
Naphthalene	0.99		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
Toluene	5.9		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
Total Xylenes	22		ppbv	1.2	TO-15		6/19/15 04:11	ECB	A
1,2,4-Trimethylbenzene	7.8		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
1,3,5-Trimethylbenzene	3.0		ppbv	0.40	TO-15		6/19/15 04:11	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	106		%	70 - 130	TO-15		6/19/15 04:11	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

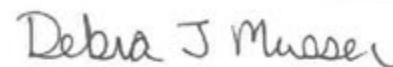
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**ANALYTICAL RESULTS**

Workorder: 2076937 Lewis Brothers 27058.02

 Lab ID: **2076937006** Date Collected: 6/3/2015 13:07 Matrix: Air  
 Sample ID: **058-0603.-VP6** Date Received: 6/8/2015 13:59

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	17		ug/m3	6	TO-15		6/19/15 05:02	ECB	A
1,2-Dibromoethane	ND		ug/m3	14	TO-15		6/19/15 05:02	ECB	A
1,2-Dichloroethane	ND		ug/m3	8	TO-15		6/19/15 05:02	ECB	A
Ethylbenzene	12		ug/m3	8	TO-15		6/19/15 05:02	ECB	A
Isopropylbenzene	ND		ug/m3	9	TO-15		6/19/15 05:02	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	7	TO-15		6/19/15 05:02	ECB	A
Naphthalene	ND		ug/m3	10	TO-15		6/19/15 05:02	ECB	A
Toluene	57		ug/m3	7	TO-15		6/19/15 05:02	ECB	A
Total Xylenes	64		ug/m3	24	TO-15		6/19/15 05:02	ECB	A
1,2,4-Trimethylbenzene	23		ug/m3	9	TO-15		6/19/15 05:02	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	9	TO-15		6/19/15 05:02	ECB	A
Benzene	5.4		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
1,2-Dibromoethane	ND		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
1,2-Dichloroethane	ND		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
Ethylbenzene	2.7		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
Isopropylbenzene	ND		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
Methyl t-Butyl Ether	ND		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
Naphthalene	ND		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
Toluene	15		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
Total Xylenes	15		ppbv	5.6	TO-15		6/19/15 05:02	ECB	A
1,2,4-Trimethylbenzene	4.7		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	1.9	TO-15		6/19/15 05:02	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	91		%	70 - 130	TO-15		6/19/15 05:02	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

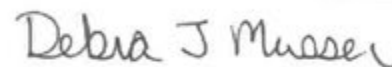
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**ANALYTICAL RESULTS**

Workorder: 2076937 Lewis Brothers 27058.02

 Lab ID: **2076937007** Date Collected: 6/3/2015 12:52 Matrix: Air  
 Sample ID: **058-0603.-VP2** Date Received: 6/8/2015 13:59

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>									
Benzene	ND		ug/m3	890	TO-15		6/19/15 05:53	ECB	A
1,2-Dibromoethane	ND		ug/m3	2100	TO-15		6/19/15 05:53	ECB	A
1,2-Dichloroethane	ND		ug/m3	1100	TO-15		6/19/15 05:53	ECB	A
Ethylbenzene	ND		ug/m3	1200	TO-15		6/19/15 05:53	ECB	A
Isopropylbenzene	ND		ug/m3	1400	TO-15		6/19/15 05:53	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	1000	TO-15		6/19/15 05:53	ECB	A
Naphthalene	ND		ug/m3	1500	TO-15		6/19/15 05:53	ECB	A
Toluene	ND		ug/m3	1000	TO-15		6/19/15 05:53	ECB	A
Total Xylenes	ND		ug/m3	3600	TO-15		6/19/15 05:53	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	1400	TO-15		6/19/15 05:53	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	1400	TO-15		6/19/15 05:53	ECB	A
Benzene	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
1,2-Dibromoethane	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
1,2-Dichloroethane	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
Ethylbenzene	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
Isopropylbenzene	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
Methyl t-Butyl Ether	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
Naphthalene	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
Toluene	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
Total Xylenes	ND		ppbv	830	TO-15		6/19/15 05:53	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	280	TO-15		6/19/15 05:53	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	90		%	70 - 130	TO-15		6/19/15 05:53	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

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34 Dogwood Lane  
 Middletown, PA 17057  
 P. 717-944-5541  
 F. 717-944-1430

**AIR ANALYSIS**  
**CHAIN-OF-CUSTODY/FIELD TEST DATA SHEET**  
 ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER.

COC #:  
 ALS Quote



2076937

**1. CLIENT INFORMATION**

Client Name/Address: Pennsylvania Tectonics  
723 Main Street, Acumbold PA 18403  
 Contact: Martin G. Gallon  
 Phone#: 570.487.1959  
 Project Name/# Lewis Breweries / 27058.02  
 Bill To: Pennsylvania Tectonics  
 Normal-Standard TAT is 10-12 business days.  
 Rush-TAT subject to ALS approval and surcharges.  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  PA.tectonics@bhami.com  
 Fax?  -

**2. ANALYSES/METHOD REQUESTED**

NO.	TO-15 Analyte	STD LIST	OTHER	INSTRUCTIONS ON THE BACK.	
				USE LIST	OTHER
1	X	X		X	
2	X	X		X	
3	X	X		X	
4	X	X		X	
5	X	X		X	
6	X	X		X	
7	X	X		X	
8	X	X		X	
9	X	X		X	
10	X	X		X	

**3. LABORATORY**

LABORATORY CANISTER CERTIFIED BY: \_\_\_\_\_ RECEIVING INFORMATION:  
 GC/MS Analyst Signature: [Signature] Y N Initial [Initials]  
 CANISTERS PREPARED BY: \_\_\_\_\_ COC Complete/Accurate?   
 Labels Complete/Accurate?   
 Name: Erin C. Boyd Cont. in Good Cond?   
 Title: Substance Analyst Custody Seals Present?   
 Custody Sealed Date/Time: 5/29/15 1850 If preseng Seals Intact?   
 Date Shipped to Client: 5/29/15 Returned in 5 days?   
 Custody Seal #(:) #1769-1770 Custody Seal #(:) \_\_\_\_\_  
 Courier/Tracking #: 7375491932

**4. FIELD DATA SHEET**

Sample Description/Location (as it will appear on the lab report)	Sample Type Choose one: <input type="checkbox"/> Normal-Standard TAT is 10-12 business days. <input type="checkbox"/> Rush-TAT subject to ALS approval and surcharges.	TO-15 FIELD DATA										LABORATORY RECORD			
		Sample Date	Start Time	Stop Time	Temp Deg C	IL	BL	Canister No.	Flow Controller No.	Canister Pressure (Psi)		Canister Certification File	Setpoint (mL/min)	Flow Controller	
										Start	Stop				
1 058-0603-VP1	V	6.3.15	0835	1235	22	X	9059	A0193535	30	-30	21051215	248	-289	20.54	
2 058-0603-VP3	V	6.3.15	0853	1233	22	X	5818	7305291	30	-2	21051215	248	-113	20.74	
3 058-0603-VP4	V	6.3.15	0851	1251	22	X	10039	04784	27	-27	21051215	242	-252	20.87	
4 058-0603-VP5	V	6.3.15	0922	1322	22	X	8772	04786	30	-19	21051215	248	-181	20.58	
5 058-0603-VP6	V	6.3.15	0922	1322	22	X	7781	A0180828	29	-4	21051215	248	4	20.58	
6 058-0603-VP6	V	6.3.15	0907	1307	22	X	11911	7337362	27	-245	21051215	248	-258	20.80	
7 053-0603-VP2	V	6.3.15				X	4197	7280634			21051215	248	-244	20.81	
8															
9															
10															

**5. SAMPLED BY (Please Print):**

LOGGED BY (signature): [Signature]  
 REVIEWED BY (signature): [Signature]  
 Relinquished By / Company Name: Kevin Cusura  
 Date: 6.3.15 Time: 1245  
 Received By / Company Name: [Signature]  
 Date: 6.3.15 Time: 1345  
 Date: 6.5.15 Time: 0800  
 Date: 6.5.15 Time: 1359  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

**6. PROJECT INFORMATION**

Standard  CLP-like   
 DOD  TO-15   
 Other   
 Deliverables Data  
 EDOs Type:  Pickup  Labor  
 ALS Field Services:  Pickup  Labor  
 Other: \_\_\_\_\_  
 State Samples Collected In:  NY  NJ  PA  NC  other



ALS-Middletown

TO-15 Sample Receipt Checklist

Client ID: 21-00000000  
Horizon WO# \_\_\_\_\_  
Sample Delivery Group ID: \_\_\_\_\_  
Log In By/Date: \_\_\_\_\_  
(signature) \_\_\_\_\_  
Number of Shipping containers received: 2

Project Name/#: 2205 Bxk 4/27/15  
Date/Time received: 6/19/15 1:32  
Received By: HRP  
Project Manager Review (date) \_\_\_\_\_  
(signature) \_\_\_\_\_  
Courier: RIT

Circle the response below as appropriate.

1. Did kit(s) come with a shipping slip (airbill, etc)?  YES  NO  NA  
If YES, enter airbill numbers: 775757918732

Shipping Container Information:

2. Were shipping containers received without signs of tampering?  YES  NO  NA  
Comments: \_\_\_\_\_  
3. Were custody seals present and intact?  YES  NO  NA  
4. Were custody seals numbers present?  YES  NO  NA  
List Custody Seal Numbers: \_\_\_\_\_

Sample Condition:

5. Were sample containers received intact without signs of tampering?  YES  NO  NA  
Comments: \_\_\_\_\_

Chain of Custody:

6. Did COC arrive with the samples?  YES  NO  NA  
7. Do sample ID/Sample Description(s) match samples submitted?  YES  NO  NA  
8. Is date and time of collection listed on the COC for all samples?  YES  NO  NA  
9. Is identification of sampler on COC?  YES  NO  NA  
10. Are requested test method(s) on COC?  YES  NO  NA  
11. Are necessary signatures on COC?  YES  NO  NA  
12. Was Internal COC initiated? (should always be YES)  YES  NO  NA

Sample Integrity Usability:

13. Do sample containers match the COC?  YES  NO  NA  
14. Were sample canisters received within 15 days of shipment to client?  YES  NO  NA

Anomalies or Non-Conformances



# Pennsylvania tectonics

Co. Name: Pennsylvania Tectonics, Inc.  
Contact (report to): Martin Gilgallon  
Address: 723 Main Street  
Archbald, PA 18403  
Phone No.: 570-487-1959

Project No.: 27058.02  
Project Name: Lewis Brothers Garage Property

Email: [patectonics@hotmail.com](mailto:patectonics@hotmail.com)

Delivery Method: Fedex Ground  
Tracking Number:  
Shipping Date:

Sample Date(s):

Sampled By: Kevin Cucura

Special Notes: Vapor Point Sampling

Parameters: VOCs via EPA Method TO-15; Short lists for Unleaded and Leaded Gasoline limited to the following:

- Benzene
- Cumene
- Ethylbenzene
- MTBE
- Naphthalene
- Toluene
- 1,2,4-TMB
- 1,3,5-TMB
- Xylenes (Total)
- EDB
- EDC

environmental consultants

723 Main Street / Archbald, PA 18403 / p 570.487.1959 / f 570.487.1961 / [patectonics@hotmail.com](mailto:patectonics@hotmail.com)

Soil Vapor Analytical Data Sheets

January 29, 2016

February 25, 2016

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Revised Report - 2/25/2016 10:35:48 AM - See workorder comment section for explanation

Project Name:	<b>27058 Lewis Brothers Garage</b>	Workorder:	<b>2122200</b>
Purchase Order:		Workorder ID:	<b>27058 Lewis Brothers Garage</b>

Dear Mr. Gilgallon:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, February 3, 2016.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

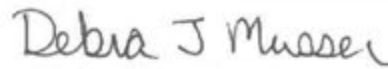
If you have any questions regarding this certificate of analysis, please contact Ms. Debra J. Musser (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Ms. Debra J. Musser  
Project Coordinator

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**SAMPLE SUMMARY**

Workorder: 2122200 27058 Lewis Brothers Garage

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2122200001	058-0129-VP1A	Air	1/29/2016 13:07	2/3/2016 14:22	Collected by Client
2122200002	058-0129-VP2A	Air	1/29/2016 13:02	2/3/2016 14:22	Collected by Client
2122200003	058-0129-VP3	Air	1/29/2016 13:10	2/3/2016 14:22	Collected by Client
2122200004	058-0129-VP3 DUP	Air	1/29/2016 13:10	2/3/2016 14:22	Collected by Client
2122200005	058-0129-VP4A	Air	1/29/2016 11:00	2/3/2016 14:22	Collected by Client
2122200006	058-0129-VP5	Air	1/29/2016 13:04	2/3/2016 14:22	Collected by Client
2122200007	058-0129-VP6A	Air	1/29/2016 13:09	2/3/2016 14:22	Collected by Client

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**SAMPLE SUMMARY**

Workorder: 2122200 27058 Lewis Brothers Garage

**Notes**

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.

**Standard Acronyms/Flags**

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit

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### PROJECT SUMMARY

Workorder: 2122200 27058 Lewis Brothers Garage

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#### Workorder Comments

This report was revised to include MTBE. DJM

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#### Sample Comments

Lab ID: 2122200001

Sample ID: 058-0129-VP1A

Sample Type: SAMPLE

The reporting limits for the TO15 analytes were raised due to the dilution of the sample caused by the level of non-target compounds.

Lab ID: 2122200002

Sample ID: 058-0129-VP2A

Sample Type: SAMPLE

The reporting limits for the TO15 analytes were raised due to the dilution of the sample caused by the level of non-target compounds.

Lab ID: 2122200006

Sample ID: 058-0129-VP5

Sample Type: SAMPLE

The reporting limits for the TO15 analytes were raised due to the dilution of the sample caused by the level of non-target compounds.

Lab ID: 2122200007

Sample ID: 058-0129-VP6A

Sample Type: SAMPLE

The reporting limits for the TO15 analytes were raised due to the dilution of the sample caused by the level of non-target compounds.

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### ALS Environmental Laboratory Locations Across North America

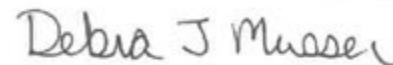
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**ANALYTICAL RESULTS**

Workorder: 2122200 27058 Lewis Brothers Garage

 Lab ID: **2122200001** Date Collected: 1/29/2016 13:07 Matrix: Air  
 Sample ID: **058-0129-VP1A** Date Received: 2/3/2016 14:22

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	1	TO-15			2/12/16 11:01	ECB	A
1,2-Dibromoethane	ND		ug/m3	3	TO-15			2/12/16 11:01	ECB	A
1,2-Dichloroethane	ND		ug/m3	2	TO-15			2/12/16 11:01	ECB	A
Ethylbenzene	3.5		ug/m3	2	TO-15			2/12/16 11:01	ECB	A
Isopropylbenzene	ND		ug/m3	2	TO-15			2/12/16 11:01	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	1	TO-15			2/12/16 11:01	ECB	A
Naphthalene	ND		ug/m3	2	TO-15			2/12/16 11:01	ECB	A
Toluene	38		ug/m3	2	TO-15			2/12/16 11:01	ECB	A
Total Xylenes	16		ug/m3	5	TO-15			2/12/16 11:01	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	2	TO-15			2/12/16 11:01	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	2	TO-15			2/12/16 11:01	ECB	A
Benzene	ND		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
1,2-Dibromoethane	ND		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
1,2-Dichloroethane	ND		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
Ethylbenzene	0.80		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
Isopropylbenzene	ND		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
Methyl t-Butyl Ether	ND		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
Naphthalene	ND		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
Toluene	10		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
Total Xylenes	3.7		ppbv	1.2	TO-15			2/12/16 11:01	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	0.40	TO-15			2/12/16 11:01	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	95		%	70 - 130	TO-15			2/12/16 11:01	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

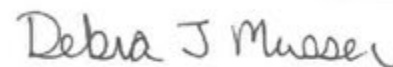
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**ANALYTICAL RESULTS**

Workorder: 2122200 27058 Lewis Brothers Garage

 Lab ID: 2122200002 Date Collected: 1/29/2016 13:02 Matrix: Air  
 Sample ID: 058-0129-VP2A Date Received: 2/3/2016 14:22

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	6	TO-15			2/16/16 02:46	ECB	A
1,2-Dibromoethane	ND		ug/m3	15	TO-15			2/16/16 02:46	ECB	A
1,2-Dichloroethane	ND		ug/m3	8	TO-15			2/16/16 02:46	ECB	A
Ethylbenzene	ND		ug/m3	9	TO-15			2/16/16 02:46	ECB	A
Isopropylbenzene	15		ug/m3	10	TO-15			2/16/16 02:46	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	7	TO-15			2/16/16 02:46	ECB	A
Naphthalene	ND		ug/m3	10	TO-15			2/16/16 02:46	ECB	A
Toluene	11		ug/m3	8	TO-15			2/16/16 02:46	ECB	A
Total Xylenes	32		ug/m3	26	TO-15			2/16/16 02:46	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	10	TO-15			2/16/16 02:46	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	10	TO-15			2/16/16 02:46	ECB	A
Benzene	ND		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
1,2-Dibromoethane	ND		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
1,2-Dichloroethane	ND		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
Ethylbenzene	ND		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
Isopropylbenzene	3.1		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
Methyl t-Butyl Ether	ND		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
Naphthalene	ND		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
Toluene	2.9		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
Total Xylenes	7.3		ppbv	6.0	TO-15			2/16/16 02:46	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	2.0	TO-15			2/16/16 02:46	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	139	1	%	70 - 130	TO-15			2/16/16 02:46	ECB	A



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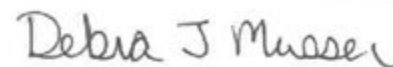


**ANALYTICAL RESULTS**

Workorder: 2122200 27058 Lewis Brothers Garage

 Lab ID: 2122200003 Date Collected: 1/29/2016 13:10 Matrix: Air  
 Sample ID: 058-0129-VP3 Date Received: 2/3/2016 14:22

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	0.6	TO-15			2/16/16 11:19	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	TO-15			2/16/16 11:19	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	TO-15			2/16/16 11:19	ECB	A
Ethylbenzene	ND		ug/m3	0.9	TO-15			2/16/16 11:19	ECB	A
Isopropylbenzene	ND		ug/m3	1	TO-15			2/16/16 11:19	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	0.7	TO-15			2/16/16 11:19	ECB	A
Naphthalene	ND		ug/m3	1	TO-15			2/16/16 11:19	ECB	A
Toluene	1.0		ug/m3	0.8	TO-15			2/16/16 11:19	ECB	A
Total Xylenes	ND		ug/m3	3	TO-15			2/16/16 11:19	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	1	TO-15			2/16/16 11:19	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	1	TO-15			2/16/16 11:19	ECB	A
Benzene	ND		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
Ethylbenzene	ND		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
Isopropylbenzene	ND		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
Methyl t-Butyl Ether	ND		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
Naphthalene	ND		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
Toluene	0.27		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
Total Xylenes	ND		ppbv	0.60	TO-15			2/16/16 11:19	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	0.20	TO-15			2/16/16 11:19	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	93		%	70 - 130	TO-15			2/16/16 11:19	ECB	A



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 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

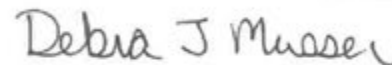
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**ANALYTICAL RESULTS**

Workorder: 2122200 27058 Lewis Brothers Garage

 Lab ID: **2122200004** Date Collected: 1/29/2016 13:10 Matrix: Air  
 Sample ID: **058-0129-VP3 DUP** Date Received: 2/3/2016 14:22

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	0.6	TO-15			2/17/16 07:00	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	TO-15			2/17/16 07:00	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	TO-15			2/17/16 07:00	ECB	A
Ethylbenzene	ND		ug/m3	0.9	TO-15			2/17/16 07:00	ECB	A
Isopropylbenzene	ND		ug/m3	1	TO-15			2/17/16 07:00	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	0.7	TO-15			2/17/16 07:00	ECB	A
Naphthalene	ND		ug/m3	1	TO-15			2/17/16 07:00	ECB	A
Toluene	0.95		ug/m3	0.8	TO-15			2/17/16 07:00	ECB	A
Total Xylenes	ND		ug/m3	3	TO-15			2/17/16 07:00	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	1	TO-15			2/17/16 07:00	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	1	TO-15			2/17/16 07:00	ECB	A
Benzene	ND		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
Ethylbenzene	ND		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
Isopropylbenzene	ND		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
Methyl t-Butyl Ether	ND		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
Naphthalene	ND		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
Toluene	0.25		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
Total Xylenes	ND		ppbv	0.60	TO-15			2/17/16 07:00	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	0.20	TO-15			2/17/16 07:00	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	96		%	70 - 130	TO-15			2/17/16 07:00	ECB	A



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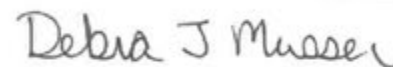
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**ANALYTICAL RESULTS**

Workorder: 2122200 27058 Lewis Brothers Garage

Lab ID: 2122200005 Date Collected: 1/29/2016 11:00 Matrix: Air  
Sample ID: 058-0129-VP4A Date Received: 2/3/2016 14:22

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	0.6	TO-15			2/12/16 10:16	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	TO-15			2/12/16 10:16	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	TO-15			2/12/16 10:16	ECB	A
Ethylbenzene	ND		ug/m3	0.9	TO-15			2/12/16 10:16	ECB	A
Isopropylbenzene	ND		ug/m3	1	TO-15			2/12/16 10:16	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	0.7	TO-15			2/12/16 10:16	ECB	A
Naphthalene	ND		ug/m3	1	TO-15			2/12/16 10:16	ECB	A
Toluene	3.1		ug/m3	0.8	TO-15			2/12/16 10:16	ECB	A
Total Xylenes	4.7		ug/m3	3	TO-15			2/12/16 10:16	ECB	A
1,2,4-Trimethylbenzene	2.2		ug/m3	1	TO-15			2/12/16 10:16	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	1	TO-15			2/12/16 10:16	ECB	A
Benzene	ND		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
Ethylbenzene	ND		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
Isopropylbenzene	ND		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
Methyl t-Butyl Ether	ND		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
Naphthalene	ND		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
Toluene	0.81		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
Total Xylenes	1.1		ppbv	0.60	TO-15			2/12/16 10:16	ECB	A
1,2,4-Trimethylbenzene	0.46		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	0.20	TO-15			2/12/16 10:16	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	99		%	70 - 130	TO-15			2/12/16 10:16	ECB	A



Ms. Debra J. Musser  
Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

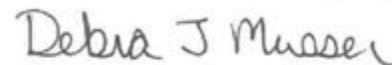
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**ANALYTICAL RESULTS**

Workorder: 2122200 27058 Lewis Brothers Garage

 Lab ID: **2122200006** Date Collected: 1/29/2016 13:04 Matrix: Air  
 Sample ID: **058-0129-VP5** Date Received: 2/3/2016 14:22

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	13	TO-15			2/16/16 01:18	ECB	A
1,2-Dibromoethane	ND		ug/m3	31	TO-15			2/16/16 01:18	ECB	A
1,2-Dichloroethane	ND		ug/m3	16	TO-15			2/16/16 01:18	ECB	A
Ethylbenzene	ND		ug/m3	17	TO-15			2/16/16 01:18	ECB	A
Isopropylbenzene	ND		ug/m3	20	TO-15			2/16/16 01:18	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	14	TO-15			2/16/16 01:18	ECB	A
Naphthalene	ND		ug/m3	21	TO-15			2/16/16 01:18	ECB	A
Toluene	ND		ug/m3	15	TO-15			2/16/16 01:18	ECB	A
Total Xylenes	ND		ug/m3	52	TO-15			2/16/16 01:18	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	20	TO-15			2/16/16 01:18	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	20	TO-15			2/16/16 01:18	ECB	A
Benzene	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
1,2-Dibromoethane	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
1,2-Dichloroethane	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
Ethylbenzene	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
Isopropylbenzene	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
Methyl t-Butyl Ether	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
Naphthalene	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
Toluene	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
Total Xylenes	ND		ppbv	12	TO-15			2/16/16 01:18	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	4.0	TO-15			2/16/16 01:18	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	109		%	70 - 130	TO-15			2/16/16 01:18	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

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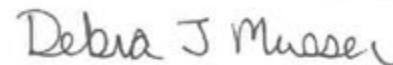
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**ANALYTICAL RESULTS**

Workorder: 2122200 27058 Lewis Brothers Garage

 Lab ID: 2122200007 Date Collected: 1/29/2016 13:09 Matrix: Air  
 Sample ID: 058-0129-VP6A Date Received: 2/3/2016 14:22

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	3	TO-15			2/16/16 10:26	ECB	A
1,2-Dibromoethane	ND		ug/m3	7	TO-15			2/16/16 10:26	ECB	A
1,2-Dichloroethane	ND		ug/m3	4	TO-15			2/16/16 10:26	ECB	A
Ethylbenzene	ND		ug/m3	4	TO-15			2/16/16 10:26	ECB	A
Isopropylbenzene	ND		ug/m3	4	TO-15			2/16/16 10:26	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	3	TO-15			2/16/16 10:26	ECB	A
Naphthalene	ND		ug/m3	5	TO-15			2/16/16 10:26	ECB	A
Toluene	20		ug/m3	3	TO-15			2/16/16 10:26	ECB	A
Total Xylenes	ND		ug/m3	12	TO-15			2/16/16 10:26	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	4	TO-15			2/16/16 10:26	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	4	TO-15			2/16/16 10:26	ECB	A
Benzene	ND		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
1,2-Dibromoethane	ND		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
1,2-Dichloroethane	ND		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
Ethylbenzene	ND		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
Isopropylbenzene	ND		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
Methyl t-Butyl Ether	ND		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
Naphthalene	ND		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
Toluene	5.3		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
Total Xylenes	ND		ppbv	2.7	TO-15			2/16/16 10:26	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	0.90	TO-15			2/16/16 10:26	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	93		%	70 - 130	TO-15			2/16/16 10:26	ECB	A



 Ms. Debra J. Musser  
 Project Coordinator

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**PARAMETER QUALIFIERS**

Lab ID	#	Sample ID	Analytical Method	Analyte
2122200002	1	058-0129-VP2A	TO-15	4-Bromofluorobenzene

The surrogate 4-Bromofluorobenzene for method TO-15 was outside of control limits. The % Recovery was reported as 139 and the control limits were 70 to 130. This result was reported at a dilution of 10.

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**ALS Environmental Laboratory Locations Across North America**

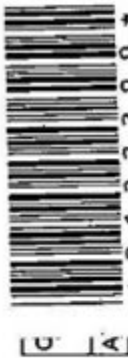
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34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430

# AIR ANALYSIS CHAIN-OF-CUSTODY/FIELD TEST DATA SHEET

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER.  
INSTRUCTIONS ON THE BACK.



1 of 1

## 1. CLIENT INFORMATION

Client Name/Address: Pennington Testronics  
723 MAIN ST, ARKBAID PA 18403  
 CONTACT: MARTIN O'GALLION  
 Phone#: 370.487.1959  
 Project Name/ID: LAWY BARRIS / 27058.02  
 Bill To:  Normal Standard TAT is 10-12 business days.  
 Rush-TAT subject to ALS approval and surcharge.  
 Email: YAG@penningtontestronics.com  
 Fax: YAG@penningtontestronics.com

## 2. ANALYSES/METHOD REQUESTED

NO.	10-15 Analyte	STD LIST	LIST LIST	OTHER
1	X		X	
2	X		X	
3	X		X	
4	X		X	
5	X		X	
6	X		X	
7	X		X	
8				
9				
10				

## 3. LABORATORY

LABORATORY CANISTER CERTIFIED BY: \_\_\_\_\_ RECEIVING INFORMATION: \_\_\_\_\_  
 GC/MS Analyte Signature: Carol H. Simmons  
 CANISTERS PREPARED BY: \_\_\_\_\_  
 Name: Carol H. Simmons  
 Title: ANALYST II  
 Custody Sealed Date/Time: 1/27/16 0815  
 Date Shipped to Client: 1/21/16  
 Custody Seal #1: 2330  
 Custody Seal #2: 2231  
 Courier/Tracking #: 7554060941

## 4. FIELD DATA SHEET

Sample No.	Sample Date	Sample Time	Stop Time	Temp Deg C	1L	6L	Canister No.	Flow Controller No.	Canister Pressure (Psi)	Start	Stop	Canister Certification File	Canister Pressure (Psi) Out	In	Setpoint (mL/min)
1	1.29.16	0903	1307	1.1	X		7806	7266931	-28	-9	-2	21012515	-19.7	-6.7	20.66
2	1.29.16	0902	1302	1.1	X		10084	4095528-16	-27	-2	-2	21012518	-19.1	-2.3	20.68
3	1.29.16	0905	1310	1.1	X		4029	7302026	-29	-5	-5	21012519	-19.1	-3.2	20.79
4	1.29.16	0905	1310	1.1	X		11911	4095538-9	-28	-3	-3	21012520	-19.1	-1.8	20.70
5	1.29.16	0904	1300	1.1	X		4037	40180879-4	-24	-1	-1	21012115	-19.1	4.4	20.75
6	1.29.16	0900	1304	1.1	X		9093	4012507	-30	-15	-15	21012507	-19.1	-16.4	20.71
7	1.29.16	0901	1309	1.1	X		5632	40121686-7	-30	-22	-22	21012212	-19.1	-25.2	20.76
8															
9															
10															

## 5. SAMPLED BY (Please Print):

LOGGED BY (signature): KEVIN CURRY  
 REVIEWED BY (signature): \_\_\_\_\_  
 Date: 02.01.16 0700  
 Received By / Company Name: Duane Novak / PA Testronics  
 Date: 1/16/16 0700  
 Date: 02.01.16 0830  
 Received By / Company Name: Kevin Curry  
 Date: 2/16/16

## 6. PROJECT INFORMATION

Standard  CLP-like   
 DOD  TO-15   
 Other   
 EDO- Type: \_\_\_\_\_  
 ALS Field Services:  Pickup  Labor  Other: \_\_\_\_\_

## LABORATORY RECORD

Flow Controller No.	Canister Pressure (Psi)	Start	Stop	Canister Certification File	Canister Pressure (Psi) Out	In	Setpoint (mL/min)
7266931	-28	-9	-2	21012515	-19.7	-6.7	20.66
4095528-16	-27	-2	-2	21012518	-19.1	-2.3	20.68
7302026	-29	-5	-5	21012519	-19.1	-3.2	20.79
4095538-9	-28	-3	-3	21012520	-19.1	-1.8	20.70
40180879-4	-24	-1	-1	21012115	-19.1	4.4	20.75
4012507	-30	-15	-15	21012507	-19.1	-16.4	20.71
40121686-7	-30	-22	-22	21012212	-19.1	-25.2	20.76

## State Samples Collected In

State Samples Collected In:  NY  NJ  PA  NC  other \_\_\_\_\_



# **Pennsylvania** tectonics

Co. Name: Pennsylvania Tectonics, Inc.  
Contact (report to): Martin Gilgallon  
Address: 723 Main Street  
Archbald, PA 18403  
Phone No.: 570-487-1959  
Project No.: 27058.02  
Project Name: Lewis Brothers Garage Property  
Email: mgilgallon@patectonics.com  
Delivery Method: Fed-Ex Ground  
Tracking Number:  
Shipping Date: 02.01.2016  
Sample Date(s): 01.29.2016  
Sampled By: Kevin Cucura  
Special Notes: Vapor Point Sampling

Parameters: VOCs via EPA Method TO-15; Short lists for Unleaded and Leaded Gasoline limited to the following:

- Benzene
- Cumene
- Ethylbenzene
- Naphthalene
- Toluene
- 1,2,4-TMB
- 1,3,5-TMB
- Xylenes (Total)
- EDB
- EDC

**environmental consultants**

723 Main Street / Archbald, PA 18403 / p. 570.487.1959 / f 570.487.1961 / [pttectonics@hotmail.com](mailto:pttectonics@hotmail.com)



ALS-Middletown

TO-15 Sample Receipt Checklist

Client ID: PA Tectonics  
 Horizon WO#: \_\_\_\_\_  
 Sample Delivery Group ID: \_\_\_\_\_  
 Log In By/Date: \_\_\_\_\_  
 (signature) \_\_\_\_\_  
 Number of Shipping containers received: 2

Project Name/#: Lewis Brothers/2058.02  
 Date/Time received: 2/3/16 1422  
 Received By: Adam Traverser  
 Project Manager Review (date): 2/4/16  
 (signature) Deb Mun  
 Courier: FedEx

Circle the response below as appropriate.

1. Did kit(s) come with a shipping slip (airbill, etc.)?  YES  NO  NA  
 If YES, enter airbill numbers: 7755 4066 0441  
7755 4066 0588

Shipping Container Information:

2. Were shipping containers received without signs of tampering?  YES  NO  NA  
 Comments: \_\_\_\_\_  
 3. Were custody seals present and intact?  YES  NO  NA  
 4. Were custody seals numbers present?  YES  NO  NA  
 List Custody Seal Numbers: \_\_\_\_\_

Sample Condition:

5. Were sample containers received intact without signs of tampering?  YES  NO  NA  
 Comments: \_\_\_\_\_

Chain of Custody:

6. Did COC arrive with the samples?  YES  NO  NA  
 7. Do sample ID/Sample Description(s) match samples submitted?  YES  NO  NA  
 8. Is date and time of collection listed on the COC for all samples?  YES  NO  NA  
 9. Is identification of sampler on COC?  YES  NO  NA  
 10. Are requested test method(s) on COC?  YES  NO  NA  
 11. Are necessary signatures on COC?  YES  NO  NA  
 12. Was Internal COC initiated? (should always be YES)  YES  NO  NA

Sample Integrity Usability:

13. Do sample containers match the COC?  YES  NO  NA  
 14. Were sample canisters received within 15 days of shipment to client?  YES  NO  NA

Anomalies or Non-Conformances:

Soil Vapor Analytical Data Sheets

March 17, 2016

March 31, 2016

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name:	<b>Leaded and Unleaded in Air</b>	Workorder:	<b>2132266</b>
Purchase Order:		Workorder ID:	<b>Lewis Brothers Garage Property</b>

Dear Mr. Gilgallon:

Enclosed are the analytical results for samples received by the laboratory on Friday, March 18, 2016.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

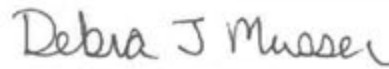
If you have any questions regarding this certificate of analysis, please contact Ms. Debra J. Musser (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Ms. Debra J. Musser  
Project Coordinator

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**SAMPLE SUMMARY**

Workorder: 2132266 Lewis Brothers Garage Property

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2132266001	058-0317-VP1A	Air	3/17/2016 13:14	3/18/2016 14:55	Collected by Client
2132266002	058-0317-VP2A	Air	3/17/2016 12:48	3/18/2016 14:55	Collected by Client
2132266003	058-0317-VP3	Air	3/17/2016 13:29	3/18/2016 14:55	Collected by Client
2132266004	058-0317-VP4A	Air	3/17/2016 13:06	3/18/2016 14:55	Collected by Client
2132266005	058-0317-VP4A Dup	Air	3/17/2016 13:05	3/18/2016 14:55	Collected by Client
2132266006	058-0317-VP5	Air	3/17/2016 13:48	3/18/2016 14:55	Collected by Client
2132266007	058-0317-VP6A	Air	3/17/2016 13:44	3/18/2016 14:55	Collected by Client

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**SAMPLE SUMMARY**

Workorder: 2132266 Lewis Brothers Garage Property

**Notes**

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.

**Standard Acronyms/Flags**

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit

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**PROJECT SUMMARY**

Workorder: 2132266 Lewis Brothers Garage Property

**Sample Comments**

**Lab ID:** 2132266002      **Sample ID:** 058-0317-VP2A      **Sample Type:** SAMPLE

The method TO15 surrogate was recovered outside of the control limits, indicating a significant matrix interference.

**Lab ID:** 2132266006      **Sample ID:** 058-0317-VP5      **Sample Type:** SAMPLE

This TO-15 sample was received at the lab with insufficient sample volume. The canister was diluted to make up for the minimal sample volume.  
The reporting limits for the TO15 analytes were raised due to the dilution of the sample caused by the level of non-target compounds.

**Lab ID:** 2132266007      **Sample ID:** 058-0317-VP6A      **Sample Type:** SAMPLE

This TO-15 sample was received at the lab with insufficient sample volume. The canister was diluted to make up for the minimal sample volume.  
The reporting limits for the TO15 analytes were raised due to the dilution of the sample caused by the level of non-target compounds.

**ALS Environmental Laboratory Locations Across North America**

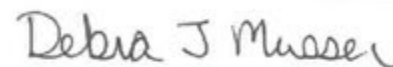
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Vancouver Waterloo · Winnipeg · Yellowknife    **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York    **Mexico:** Monterrey

**ANALYTICAL RESULTS**

Workorder: 2132266 Lewis Brothers Garage Property

 Lab ID: 2132266001 Date Collected: 3/17/2016 13:14 Matrix: Air  
 Sample ID: 058-0317-VP1A Date Received: 3/18/2016 14:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	0.7		ug/m3	0.6	TO-15			3/31/16 05:11	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	TO-15			3/31/16 05:11	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	TO-15			3/31/16 05:11	ECB	A
Ethylbenzene	11		ug/m3	0.9	TO-15			3/31/16 05:11	ECB	A
Isopropylbenzene	ND		ug/m3	1	TO-15			3/31/16 05:11	ECB	A
Methyl t-Butyl Ether	1		ug/m3	0.7	TO-15			3/31/16 05:11	ECB	A
Naphthalene	ND		ug/m3	1	TO-15			3/31/16 05:11	ECB	A
Toluene	37		ug/m3	0.8	TO-15			3/31/16 05:11	ECB	A
Total Xylenes	67		ug/m3	3	TO-15			3/31/16 05:11	ECB	A
1,2,4-Trimethylbenzene	4		ug/m3	1	TO-15			3/31/16 05:11	ECB	A
1,3,5-Trimethylbenzene	2		ug/m3	1	TO-15			3/31/16 05:11	ECB	A
Benzene	0.23		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
Ethylbenzene	2.5		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
Isopropylbenzene	ND		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
Methyl t-Butyl Ether	0.28		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
Naphthalene	ND		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
Toluene	9.8		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
Total Xylenes	15		ppbv	0.60	TO-15			3/31/16 05:11	ECB	A
1,2,4-Trimethylbenzene	0.91		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
1,3,5-Trimethylbenzene	0.35		ppbv	0.20	TO-15			3/31/16 05:11	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	103		%	70 - 130	TO-15			3/31/16 05:11	ECB	A



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 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

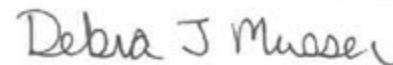
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**ANALYTICAL RESULTS**

Workorder: 2132266 Lewis Brothers Garage Property

 Lab ID: 2132266002 Date Collected: 3/17/2016 12:48 Matrix: Air  
 Sample ID: 058-0317-VP2A Date Received: 3/18/2016 14:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	4		ug/m3	0.6	TO-15			3/31/16 05:57	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	TO-15			3/31/16 05:57	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	TO-15			3/31/16 05:57	ECB	A
Ethylbenzene	5		ug/m3	0.9	TO-15			3/31/16 05:57	ECB	A
Isopropylbenzene	23		ug/m3	1	TO-15			3/31/16 05:57	ECB	A
Methyl t-Butyl Ether	0.8		ug/m3	0.7	TO-15			3/31/16 05:57	ECB	A
Naphthalene	ND		ug/m3	1	TO-15			3/31/16 05:57	ECB	A
Toluene	8		ug/m3	0.8	TO-15			3/31/16 05:57	ECB	A
Total Xylenes	33		ug/m3	3	TO-15			3/31/16 05:57	ECB	A
1,2,4-Trimethylbenzene	5		ug/m3	1	TO-15			3/31/16 05:57	ECB	A
1,3,5-Trimethylbenzene	5		ug/m3	1	TO-15			3/31/16 05:57	ECB	A
Benzene	1.3		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
Ethylbenzene	1.2		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
Isopropylbenzene	4.6		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
Methyl t-Butyl Ether	0.22		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
Naphthalene	ND		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
Toluene	2.2		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
Total Xylenes	7.6		ppbv	0.60	TO-15			3/31/16 05:57	ECB	A
1,2,4-Trimethylbenzene	1.0		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
1,3,5-Trimethylbenzene	0.95		ppbv	0.20	TO-15			3/31/16 05:57	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	368	1	%	70 - 130	TO-15			3/31/16 05:57	ECB	A



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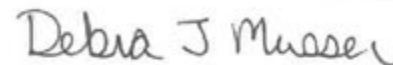


**ANALYTICAL RESULTS**

Workorder: 2132266 Lewis Brothers Garage Property

 Lab ID: 2132266003 Date Collected: 3/17/2016 13:29 Matrix: Air  
 Sample ID: 058-0317-VP3 Date Received: 3/18/2016 14:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	0.6	TO-15			3/31/16 02:07	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	TO-15			3/31/16 02:07	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	TO-15			3/31/16 02:07	ECB	A
Ethylbenzene	ND		ug/m3	0.9	TO-15			3/31/16 02:07	ECB	A
Isopropylbenzene	ND		ug/m3	1	TO-15			3/31/16 02:07	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	0.7	TO-15			3/31/16 02:07	ECB	A
Naphthalene	ND		ug/m3	1	TO-15			3/31/16 02:07	ECB	A
Toluene	2		ug/m3	0.8	TO-15			3/31/16 02:07	ECB	A
Total Xylenes	3		ug/m3	3	TO-15			3/31/16 02:07	ECB	A
1,2,4-Trimethylbenzene	1		ug/m3	1	TO-15			3/31/16 02:07	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	1	TO-15			3/31/16 02:07	ECB	A
Benzene	ND		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
Ethylbenzene	ND		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
Isopropylbenzene	ND		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
Methyl t-Butyl Ether	ND		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
Naphthalene	ND		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
Toluene	0.49		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
Total Xylenes	0.75		ppbv	0.60	TO-15			3/31/16 02:07	ECB	A
1,2,4-Trimethylbenzene	0.29		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	0.20	TO-15			3/31/16 02:07	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	105		%	70 - 130	TO-15			3/31/16 02:07	ECB	A



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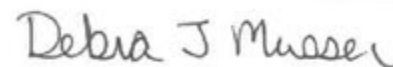
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**ANALYTICAL RESULTS**

Workorder: 2132266 Lewis Brothers Garage Property

 Lab ID: 2132266004 Date Collected: 3/17/2016 13:06 Matrix: Air  
 Sample ID: 058-0317-VP4A Date Received: 3/18/2016 14:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	0.6	TO-15			3/31/16 02:52	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	TO-15			3/31/16 02:52	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	TO-15			3/31/16 02:52	ECB	A
Ethylbenzene	2		ug/m3	0.9	TO-15			3/31/16 02:52	ECB	A
Isopropylbenzene	ND		ug/m3	1	TO-15			3/31/16 02:52	ECB	A
Methyl t-Butyl Ether	0.9		ug/m3	0.7	TO-15			3/31/16 02:52	ECB	A
Naphthalene	ND		ug/m3	1	TO-15			3/31/16 02:52	ECB	A
Toluene	4		ug/m3	0.8	TO-15			3/31/16 02:52	ECB	A
Total Xylenes	11		ug/m3	3	TO-15			3/31/16 02:52	ECB	A
1,2,4-Trimethylbenzene	4		ug/m3	1	TO-15			3/31/16 02:52	ECB	A
1,3,5-Trimethylbenzene	1		ug/m3	1	TO-15			3/31/16 02:52	ECB	A
Benzene	ND		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
Ethylbenzene	0.38		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
Isopropylbenzene	ND		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
Methyl t-Butyl Ether	0.26		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
Naphthalene	ND		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
Toluene	0.98		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
Total Xylenes	2.6		ppbv	0.60	TO-15			3/31/16 02:52	ECB	A
1,2,4-Trimethylbenzene	0.73		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	0.20	TO-15			3/31/16 02:52	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	102		%	70 - 130	TO-15			3/31/16 02:52	ECB	A



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**ALS Environmental Laboratory Locations Across North America**

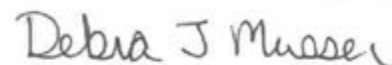
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### ANALYTICAL RESULTS

Workorder: 2132266 Lewis Brothers Garage Property

 Lab ID: **2132266005** Date Collected: 3/17/2016 13:05 Matrix: Air  
 Sample ID: **058-0317-VP4A Dup** Date Received: 3/18/2016 14:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	0.6	TO-15			3/31/16 03:38	ECB	A
1,2-Dibromoethane	ND		ug/m3	2	TO-15			3/31/16 03:38	ECB	A
1,2-Dichloroethane	ND		ug/m3	0.8	TO-15			3/31/16 03:38	ECB	A
Ethylbenzene	2		ug/m3	0.9	TO-15			3/31/16 03:38	ECB	A
Isopropylbenzene	ND		ug/m3	1	TO-15			3/31/16 03:38	ECB	A
Methyl t-Butyl Ether	0.9		ug/m3	0.7	TO-15			3/31/16 03:38	ECB	A
Naphthalene	ND		ug/m3	1	TO-15			3/31/16 03:38	ECB	A
Toluene	4		ug/m3	0.8	TO-15			3/31/16 03:38	ECB	A
Total Xylenes	12		ug/m3	3	TO-15			3/31/16 03:38	ECB	A
1,2,4-Trimethylbenzene	4		ug/m3	1	TO-15			3/31/16 03:38	ECB	A
1,3,5-Trimethylbenzene	1		ug/m3	1	TO-15			3/31/16 03:38	ECB	A
Benzene	ND		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
1,2-Dibromoethane	ND		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
1,2-Dichloroethane	ND		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
Ethylbenzene	0.40		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
Isopropylbenzene	ND		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
Methyl t-Butyl Ether	0.26		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
Naphthalene	ND		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
Toluene	1.0		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
Total Xylenes	2.7		ppbv	0.60	TO-15			3/31/16 03:38	ECB	A
1,2,4-Trimethylbenzene	0.75		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
1,3,5-Trimethylbenzene	0.22		ppbv	0.20	TO-15			3/31/16 03:38	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	98		%	70 - 130	TO-15			3/31/16 03:38	ECB	A



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#### ALS Environmental Laboratory Locations Across North America

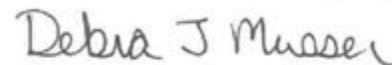
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**ANALYTICAL RESULTS**

Workorder: 2132266 Lewis Brothers Garage Property

 Lab ID: 2132266006 Date Collected: 3/17/2016 13:48 Matrix: Air  
 Sample ID: 058-0317-VP5 Date Received: 3/18/2016 14:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	860		ug/m3	770	TO-15			3/31/16 12:40	ECB	A
1,2-Dibromoethane	ND		ug/m3	1800	TO-15			3/31/16 12:40	ECB	A
1,2-Dichloroethane	ND		ug/m3	970	TO-15			3/31/16 12:40	ECB	A
Ethylbenzene	ND		ug/m3	1000	TO-15			3/31/16 12:40	ECB	A
Isopropylbenzene	ND		ug/m3	1200	TO-15			3/31/16 12:40	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	860	TO-15			3/31/16 12:40	ECB	A
Naphthalene	ND		ug/m3	1300	TO-15			3/31/16 12:40	ECB	A
Toluene	ND		ug/m3	900	TO-15			3/31/16 12:40	ECB	A
Total Xylenes	ND		ug/m3	3100	TO-15			3/31/16 12:40	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	1200	TO-15			3/31/16 12:40	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	1200	TO-15			3/31/16 12:40	ECB	A
Benzene	270		ppbv	240	TO-15			3/31/16 12:40	ECB	A
1,2-Dibromoethane	ND		ppbv	240	TO-15			3/31/16 12:40	ECB	A
1,2-Dichloroethane	ND		ppbv	240	TO-15			3/31/16 12:40	ECB	A
Ethylbenzene	ND		ppbv	240	TO-15			3/31/16 12:40	ECB	A
Isopropylbenzene	ND		ppbv	240	TO-15			3/31/16 12:40	ECB	A
Methyl t-Butyl Ether	ND		ppbv	240	TO-15			3/31/16 12:40	ECB	A
Naphthalene	ND		ppbv	240	TO-15			3/31/16 12:40	ECB	A
Toluene	ND		ppbv	240	TO-15			3/31/16 12:40	ECB	A
Total Xylenes	ND		ppbv	720	TO-15			3/31/16 12:40	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	240	TO-15			3/31/16 12:40	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	240	TO-15			3/31/16 12:40	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	91		%	70 - 130	TO-15			3/31/16 12:40	ECB	A



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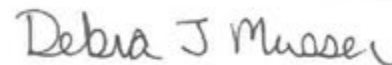
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**ANALYTICAL RESULTS**

Workorder: 2132266 Lewis Brothers Garage Property

 Lab ID: 2132266007 Date Collected: 3/17/2016 13:44 Matrix: Air  
 Sample ID: 058-0317-VP6A Date Received: 3/18/2016 14:55

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS @ STP</b>										
Benzene	ND		ug/m3	6	TO-15			3/31/16 04:26	ECB	A
1,2-Dibromoethane	ND		ug/m3	15	TO-15			3/31/16 04:26	ECB	A
1,2-Dichloroethane	ND		ug/m3	8	TO-15			3/31/16 04:26	ECB	A
Ethylbenzene	ND		ug/m3	9	TO-15			3/31/16 04:26	ECB	A
Isopropylbenzene	ND		ug/m3	10	TO-15			3/31/16 04:26	ECB	A
Methyl t-Butyl Ether	ND		ug/m3	7	TO-15			3/31/16 04:26	ECB	A
Naphthalene	ND		ug/m3	10	TO-15			3/31/16 04:26	ECB	A
Toluene	ND		ug/m3	8	TO-15			3/31/16 04:26	ECB	A
Total Xylenes	ND		ug/m3	26	TO-15			3/31/16 04:26	ECB	A
1,2,4-Trimethylbenzene	ND		ug/m3	10	TO-15			3/31/16 04:26	ECB	A
1,3,5-Trimethylbenzene	ND		ug/m3	10	TO-15			3/31/16 04:26	ECB	A
Benzene	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
1,2-Dibromoethane	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
1,2-Dichloroethane	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
Ethylbenzene	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
Isopropylbenzene	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
Methyl t-Butyl Ether	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
Naphthalene	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
Toluene	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
Total Xylenes	ND		ppbv	6.0	TO-15			3/31/16 04:26	ECB	A
1,2,4-Trimethylbenzene	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
1,3,5-Trimethylbenzene	ND		ppbv	2.0	TO-15			3/31/16 04:26	ECB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
4-Bromofluorobenzene (S)	94		%	70 - 130	TO-15			3/31/16 04:26	ECB	A



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**ALS Environmental Laboratory Locations Across North America**

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 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**PARAMETER QUALIFIERS**

Lab ID	#	Sample ID	Analytical Method	Analyte
2132266002	1	058-0317-VP2A	TO-15	4-Bromofluorobenzene

The surrogate 4-Bromofluorobenzene for method TO-15 was outside of control limits. The % Recovery was reported as 368 and the control limits were 70 to 130. This result was reported at a dilution of 1.

---

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Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey



34 Dogwood Lane  
 Middletown, PA 17057  
 P. 717-944-5541  
 F. 717-944-1430

### AIR ANALYSIS

### CHAIN-OF-CUSTODY/FIELD TEST DATA SHEET

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER.



\* 2 1 3 2 2 6 6 \*

COC: \_\_\_\_\_  
 ALS C: \_\_\_\_\_

1 of 1

#### 1. CLIENT INFORMATION

Client Name/Address: PENNSYLVANIA TECTONICS  
723 MAIN ST., ARDUBOR, PA 18403  
 Contact: MARTIN CALIGALION  
 Phone#: 570-487-1959  
 Project Name/#: LEWIS\_BOS / Z-6058-02  
 Bill To: \_\_\_\_\_  
 Normal Standard TAT is 10-12 business days.  
 Rush TAT subject to ALS approval and surcharge.  
 Approved By: \_\_\_\_\_  
 Email: Y Agigallione@protectus.com  
 Fax: \_\_\_\_\_

#### 2. ANALYSES/METHOD REQUESTED

No.	TO-15		OTHER
	STO LIST	UST LIST	
1	X		
2	X		
3	X		
4	X		
5	X		
6	X		
7	X		
8			
9			
10			

#### 3. LABORATORY

LABORATORY CANISTER CERTIFIED BY: \_\_\_\_\_  
 RECEIVING INFORMATION: \_\_\_\_\_  
 GC/MS Analyst Signature: [Signature]  
 CANISTERS PREPARED BY: \_\_\_\_\_  
 Name: FRANCOIS  
 Title: ALS CHEMIST II  
 Custody Sealed Date/Time: 3/21/16 1330  
 Date Shipped to Client: 3/21/16  
 Custody Seal #(s): #2499-2500  
 Courier/Tracking #: \_\_\_\_\_

COC Complete/Accurate?	Labels Complete/Accurate?	Cont. In Good Cond?	Custody Seals Present?	All present Seals Intact?	Returned In $\leq$ 15 days?	Custody Seal #(s):	RECEIVING INFORMATION:	
							Y	N
								Initial

#### 4. FIELD DATA SHEET

Sample Description/Location (as it will appear on the lab report)	Sample Date	Start Time	Stop Time	Temp Deg C	11L	6L	Canister No.	Canister Pressure (Chig)		Flow Controller No.	Canister Certification File	Canister Pressure (Psi)	Setpoint (mL/min)
								Start	Stop				
1 058-0317-VP1A	3.17.16	0908	1314	12.8	X		1209	7305910	30	-9	21022923	-4	20.79
2 058-0317-VP2A	3.17.16	0932	1218	12.8	X		11987	A095531-1	-28	-1	21022521	-2	20.81
3 058-0317-VP3	3.17.16	0924	1329	12.8	X		11992	73408Y5	-30	-5	21022923	-1	20.68
4 058-0317-VP4A	3.17.16	0916	1306	12.8	X		11415	7337308	-27	-3	21022923	-2	20.79
5 058-0317-VP4A Dup	3.17.16	0906	1305	12.8	X		11422	A095535-4	-25	-1	21022923	-4	20.77
6 058-0317-VP5	3.17.16	0946	1348	12.8	X		9059	7316777	-28	-14	21022923	-14	20.77
7 058-0317-VP6A	3.17.16	0939	1344	12.8	X		1831	7266991	-25	-4	21022923	-21	20.80
8													
9													
10													

#### 5. SAMPLED BY (Please Print):

Kevin Cucora  
 Received By / Company Name: [Signature]  
 Date: 03.17.16  
 Time: 1455

#### 6. PROJECT INFORMATION

Standard  CLP/like  
 DOD  TO-15  
 Other   
 EDDs Type:  Pickup  Labor  
 Other:  
 State Samples Collected In:  NY  NJ  PA  NC  other

ALS-Middletown

TO-15 Sample Receipt Checklist

Client ID: PA TESTONICS

Project Name/#: Lewis Bros / 27038.02

Horizon WO#: \_\_\_\_\_

Date/Time received: 3/18/16 1455

Sample Delivery Group ID: \_\_\_\_\_

Received By: PS ALS

Log In By/Date: 3/25/16 DM  
(signature) Deb Mussen

Project Manager Review (date) 3/25/16  
(signature) Deb Mussen

Number of Shipping containers received: 2

Courier: FedEx

Circle the response below as appropriate.

1. Did kit(s) come with a shipping slip (airbill, etc.)? YES NO NA  
If YES, enter airbill numbers: 77589590 8192

Shipping Container Information:

2. Were shipping containers received without signs of tampering? YES NO NA  
Comments: \_\_\_\_\_

3. Were custody seals present and intact? YES NO NA

4. Were custody seals numbers present? YES NO NA  
List Custody Seal Numbers: NA

Sample Condition:

5. Were sample containers received intact without signs of tampering? YES NO NA  
Comments: \_\_\_\_\_

Chain of Custody:

6. Did COC arrive with the samples? YES NO NA

7. Do sample ID/Sample Description(s) match samples submitted? YES NO NA

8. Is date and time of collection listed on the COC for all samples? YES NO NA

9. Is identification of sampler on COC? YES NO NA

10. Are requested test method(s) on COC? YES NO NA

11. Are necessary signatures on COC? YES NO NA

12. Was Internal COC initiated? (should always be YES) YES NO NA

Sample Integrity Usability:

13. Do sample containers match the COC? YES NO NA

14. Were sample canisters received within 15 days of shipment to client? YES NO NA

Anomalies or Non-Conformances:



# Pennsylvania tectonics

Co. Name: Pennsylvania Tectonics, Inc.  
Contact (report to): Martin Gilgallon  
Address: 723 Main Street  
Archbald, PA 18403  
Phone No.: 570-487-1959  
Project No.: 27058.02  
Project Name: Lewis Brothers Garage Property  
Email: mgilgallon@patectonics.com  
Delivery Method: Fed-Ex Ground  
Tracking Number: 7758 9540 8192  
Shipping Date: 03.17.16  
Sample Date(s): 03/17/2016  
Sampled By: Kevin Cucura  
Special Notes: Vapor Point Sampling

Parameters: VOCs via EPA Method TO-15; Short lists for Unleaded and Leaded Gasoline limited to the following:

- Benzene
- Cumene
- Ethylbenzene
- Naphthalene
- MTBE
- Toluene
- 1,2,4-TMB
- 1,3,5-TMB
- Xylenes (Total)
- EDB
- EDC

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

723 Main Street / Archbald, PA 18403 / p. 570.487.1959 / f. 570.487.1961 / [pgatectonics@hotmail.com](mailto:pgatectonics@hotmail.com)

## APPENDIX HH

Johnson & Ettinger Model Input and Output Data – Jarrow Residence

## Main Screen

RBCA Tool Kit for Chemical Releases  
Version 2.5 © 2009 GSI Environmental Inc

### 4. RBCA Evaluation Process

#### 1. Project Information

Site Name:

Location:

Completed By:

Date:  Job ID:

#### 2. Which Type of RBCA Analysis?

**Tier 1**

Risk-Based Screening Levels

**Tier 2/3**

Site-Specific Target Levels

#### 3. Calculation Options

*Affects which input data are required*

**Baseline Risks (Forward mode)**

**RBCA Cleanup Levels (Backward mode)**

Individual Constituent Risk Goals Only

Individual and Cumulative Risk Goals

Apply Source Depletion Algorithm

*Time to Future Exposure*  (yr)

#### 5. Commands and Options

New Site

Load Data...

Save Data

User Chemical Database

Set Units

Print Sheet

Print Report

Help

Quit

#### Review Output

Exposure Flowchart

COC Chem. Parameters

Input Data Summary

User-Spec. COC Data...

Transient Domenico Analysis...

Baseline Risks...

Cleanup Levels...

#### Prepare Input Data

Data Complete? ( ■ yes, ■ no)

Exposure Pathways

↓

Constituents of Concern (COCs)

↓

Transport Models

↓

Soil Parameters

↓

GW Parameters

↓

Air Parameters

## Exposure Pathway Identification

### 1. Groundwater Exposure

**Groundwater Ingestion/  
Surface Water Impact** ?

Receptor: None | None | None  
On-site Off-site1 Off-site2

Distance: 0 | 0 | 0 (ft)

Source Media:

- Affected Groundwater
- Affected Soils Leaching to Groundwater

Option:

- Apply MCL value as ingestion RSEL (backward mode only)

**GW Discharge to Surface Water Exposure**

- Swimming
- Fish Consumption
- Specified Water Quality Criteria

Enter Criteria

### 2. Surface Soil Exposure

**Combined Exposure  
Source Media:** ?

Receptor: None | On-site

Construction Worker

- Direct Ingestion
- Dermal Contact
- Inhalation (vol-part)
- Vegetable Ingestion

Option:

- Apply UK (CLEA) SOV as soil concentration limit

Veg Options

Site Name: Lewis Brothers Garage  
 Location: Jarrow Residence  
 Compl. By: PA Tectonics  
 Job ID: \_\_\_\_\_ Date: 26-Oct-10

### 3. Air Exposure

**Volatilization and Particulates  
to Outdoor Air Inhalation** ?

Receptor: None | None | None  
On-site Off-site1 Off-site2

Distance: 0 | 0 | 0 (ft)

Source Media: Construction worker

- Affected Soils-Volatilization to Ambient Outdoor Air
- Affected Groundwater-Volatilization to Ambient Outdoor Air
- Affected Surface Soils-Particulates to Ambient Outdoor Air

**Volatilization to Indoor Air Inhalation** ?

Receptor: Resc. | None | None  
On-site Off-site1 Off-site2

Distance: 0 | 0 | 0 (ft)

Source Media:

- Affected Soils-Volatilization to Enclosed Space
- Affected Soils Leaching to GW-Volatilization to Enclosed Space
- Affected Groundwater-Volatilization to Enclosed Space

Blog Options

### 4. Commands and Options

**Main Screen** **Print** **Set** **Help**

Exposure Factors & Target Risks **Exposure Flowchart**

## Exposure Factors and Target Risk Limits

Site Name: Lewis Brothers Garage

Location: Jarrow Residence

Compl. By: PA Tectonics

Job ID:

Date: 26-Oct-10

### 1. Exposure Parameters

	Residential Receptors			Commercial Receptors		User
	Child	Adolescent	Adult	Adult	Construc.	Defined
Averaging time, carcinogens (yr)	70					
Averaging time, non-carcinogens (yr)	6	12	30	25	1	-
Body weight (kg)	15	35	70	70	70	-
Exposure duration (yr)	6	12	30	25	1	-
Averaging Time for Vapor Flux (yr)	30			30	30	-
Exposure frequency (d/yr)	350			250	180	-
Dermal exposure freq. (d/yr)	350			250	180	-
Seasonal-avg skin surface area (cm <sup>2</sup> /d)	2023	2023	3160	3160	3160	-
Soil dermal adherence factor (mg/cm <sup>2</sup> )	0.5	0.5	0.5	0.5	0.5	-
Water ingestion rate (L/d)	1	1	2	1	1	-
Soil ingestion rate (mg/d)	200	200	100	50	100	-
Swimming exposure time (hr/event)	1	3	3			
Swimming event frequency (events/yr)	12	12	12			
Swimming water ingestion rate (L/hr)	0.5	0.5	0.05			
Skin surface area, swimming (cm <sup>2</sup> )	3500	8100	23000			
Fish consumption rate (kg/d)	0.025	0.025	0.025			
Vegetable ingestion rate (kg/d)						
Above-ground vegetables	0.002	0.002	0.006			
Below-ground vegetables	0.001	0.001	0.002			
Contaminated fish fraction (-)	1					



### 2. Age Adjustment for Carcinogens

*(residential receptor only)*

	Adjustment Factor	
<input checked="" type="checkbox"/> Seasonal skin surface area, soil contact	1022.26	(cm <sup>2</sup> -yr/kg)
<input checked="" type="checkbox"/> Water ingestion	1.08571	(mg-yr/L-day)
<input checked="" type="checkbox"/> Soil ingestion	165.714	(mg-yr/kg-day)
<input checked="" type="checkbox"/> Swimming water ingestion	4.56	(L/kg)
<input checked="" type="checkbox"/> Skin surface area, swimming	80640	(cm <sup>2</sup> -yr/kg)
<input checked="" type="checkbox"/> Fish consumption	0.02286	(kg-yr/kg-day)
<input checked="" type="checkbox"/> Below-ground vegetable ingestion	0.38	(kg-yr/kg-day)
<input checked="" type="checkbox"/> Above-ground vegetable ingestion	0.88	(kg-yr/kg-day)

### 3. Non-Carcinogenic Receptor

*(residential receptor only)* Child

### 4. Target Health Risk Limits

	Individual	Cumulative
Target Cancer Risk (Carcinogens)	1.0E-5	1.0E-5
Target Hazard Quotient/Index (non-Carc.)	1.0E+0	1.0E+0

### 5. Commands and Options

[Return to Exposure Pathways](#)

[Use/Set Default](#)

[Print Sheet](#)

[Help](#)

Site Name: Lewis Brothers Garage Location: Jarrow Residence Compl. By: PA Tectonics	Job ID: Date: 26-Oct-10	<b>Commands and Options</b> <input type="button" value="Main Screen"/> <input type="button" value="Print Sheet"/> <input type="button" value="Help"/>																																																																										
Source Media Constituents of Concern (COCs)																																																																												
Selected COCs <span style="font-size: 0.8em;">?</span>	Representative COC Concentration <span style="font-size: 0.8em;">?</span>																																																																											
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<input type="button" value="View Chemical Parameters"/>																																																																												

## Transport Modeling Options

### 1. Vertical Transport, Surface Soil Column

#### Outdoor Air Volatilization Factors

- Surface soil volatilization model only ASTM Model
- Combination surface soil/Johnson & Ettinger models  
 Thickness of surface soil zone  (ft)
- User-specified VF from other model  Enter VF Values

#### Indoor Air Volatilization Factors

- Johnson & Ettinger model for soil and groundwater volatilization
- Johnson & Ettinger for soil, Mass Flux model for groundwater
- User-specified VF from other model  Enter VF Values

#### Soil-to-Groundwater Leaching Factor

- ASTM Model
- Apply Soil Attenuation Model (SAM)
- Allow first-order biodecay  Enter LF Values
- User-specified LF from other model  Enter LF Values

#### Modeling Options

- Disable Mass Balance Limit
- Apply Dual Equilibrium Description Model

### 2. Lateral Air Dispersion Factor

- 3-D Gaussian dispersion model Off-site 1    Off-site 2
- User-Specified ADF   (-)

Site Name: Lewis Brothers Garage Job ID:

Location: Jarrow Residence Date: 26-Oct-10

Compl. By: PA Tectonics

### 3. Groundwater Dilution Attenuation Factor



#### Calculate DAF using Domenico Model

- Domenico equation with dispersion only (no biodegradation)
- Domenico equation first-order decay
- Modified Domenico equation using electron acceptor superposition

(mg/L)  
 — or —

#### User-Specified DAF Values

- DAF values from other model or site data  Enter DAF Values

### 4. Chemical Decay and Source Depletion



Enter Decay Rates

Enter Source Mass

### 5. Commands and Options

Main Screen

Print Sheet

Help

## Site-Specific Soil Parameters

### 1. Soil Source Zone Characteristics

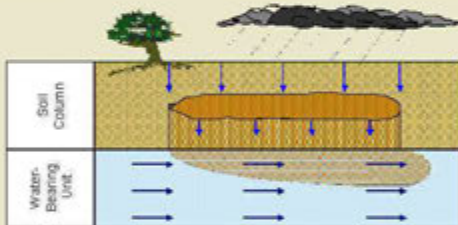
#### Hydrogeology

Depth to water-bearing unit  (ft)  
 Capillary zone thickness  (ft)  
 Soil column thickness  (ft)

#### Affected Soil Zone

Depth to top of affected soils  (ft)  
 Depth to base of affected soils  (ft)  
 Length of affected soil parallel to assumed GW flow direction  (ft)

Affected soil area  (ft<sup>2</sup>)  
 Length of affected soil parallel to assumed wind direction  (ft)



Site Name: Lewis Brothers Garage Job ID:  
 Location: Jarrow Residence Date: 26-Oct-10

Compl. By: PA Tectonics

### 2. Surface Soil Column

#### Predominant USCS Soil Type

SW/SP: Sand

Calculate

	Vadose Zone	Capillary Fringe	
Volumetric water content	0.08	0.369	(-)
Volumetric air content	0.33	0.041	(-)
Total porosity	0.41		(-)
Dry bulk density	1.7		(kg/L)
Vertical hydraulic conductivity	864		(cm/d)
Vapor permeability	1.08E-11		(ft <sup>2</sup> )
Capillary zone thickness	0.164041995		(ft)

#### Net Rainfall Infiltration

Net infiltration estimate  (in/yr)  
 or  (in/yr)

#### Partitioning Parameters

Fraction organic carbon - entire soil column  (-)  
 Fraction organic carbon - top zone  (-)  
 Soil/water pH  (-)

### 3. Commands and Options

Main Screen

Use/Set Default

Print Sheet

Set Units

Help



**Site Name:** Lewis Brothers Garage

**Location:** Jarrow Residence

**Compl. By:** PA Tectonics

**Job ID:**

**Date:** 26-Oct-10

### Site-Specific Groundwater Parameters

**1. Water-Bearing Unit** ?

*Hydrogeology*

Groundwater Darcy velocity  (cm/d)

Groundwater seepage velocity  (cm/d)

or  ↑ or ↓

Hydraulic conductivity  (cm/d)

Hydraulic gradient  (-)

Effective porosity  (-)

*Sorption*

Fractured organic carbon-saturated zone  (-)

Groundwater pH  (-)

**2. Groundwater Source Zone** ?


Groundwater plume width at source  (ft)

Plume (inflow zone) thickness at source  (ft)

↑ or ↓

Saturated thickness  (ft)

Length of source zone  (ft)



**3. Groundwater Dispersion** ?

Model:

	GW Ingestion	GW to Indoor Air	
	Off-site 1	Off-site 2	Off-site 2
Distance to GW receptors	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="button" value="Calculate"/>	↓	↓	↓
Longitudinal dispersivity	<input type="text"/>	<input type="text"/>	<input type="text"/>
Transverse dispersivity	<input type="text"/>	<input type="text"/>	<input type="text"/>
Vertical dispersivity	<input type="text"/>	<input type="text"/>	<input type="text"/>

**4. Groundwater Discharge to Surface Water** ?

Distance to GW/SW discharge point  (ft)

Plume width at GW/SW discharge  (ft)

Plume thickness at GW/SW discharge  (ft)

Surface water downslope at GW/SW discharge  (ft<sup>2</sup>/d)

**5. Commands and Options**

Main Screen

Use/Set Default

Print Sheet

Set Units

Help

## Site-Specific Air Parameters

Site Name: Lewis Brothers Garage

Job ID:

Location: Jarrow Residence

Date: 26-Oct-10

Compl. By: PA Tectonics

### 1. Outdoor Air Pathway

#### Dispersion in Air

Distance to offset or receptor

Offset 1	Offset 2	
0	0	(ft)
↓	↓	

Horizontal dispersivity

0	0	(ft)
---	---	------

Vertical dispersivity

0	0	(ft)
---	---	------

#### Air Source Zone

Air mixing zone height

6.56167979	(ft)
------------	------

Ambient air velocity in mixing zone

6.377952755	(ft/d)
-------------	--------

Windy mean temp. (°C term)

.7925	
-------	--

#### Particulate Emissions

Particulate Emission Factor

Mean ASTM Mass	
0	(kg/m <sup>3</sup> )
↑	

Area particulate emission flux

6.9E-14	(g/cm <sup>2</sup> s)
---------	-----------------------

Fraction vegetative cover

0.5	(-)
-----	-----

Mean annual air velocity @ 7 m

1300629.921	(ft/d)
-------------	--------

Equivalent 7m annual threshold

3209819.898	(ft/d)
-------------	--------

Windspeed function (F(x) term)

0.223641456	(-)
-------------	-----



### 2. Indoor Air Pathway

Building volume/area ratio

Residential	Commercial	
8	9.84262	(ft)

Foundation area

1004	733.4737	(ft <sup>2</sup> )
------	----------	--------------------

Foundation perimeter

127	111.5486	(ft)
-----	----------	------

Building air exchange rate

1.7E+1	2.0E+1	(1/d)
--------	--------	-------

Depth to bottom of foundation slab

8	0.492129	(ft)
---	----------	------

Convective air flow through cracks

5.1E+1	2.6E+2	(ft <sup>3</sup> /d)
--------	--------	----------------------

Foundation thickness

0.25	(ft)
------	------

Foundation crack fraction

0.083	(-)
-------	-----

Volumetric water content of cracks

0.12	(-)
------	-----

Volumetric air content of cracks

0.26	(-)
------	-----

Indoor/Outdoor differential pressure

4	(Pa)
---	------

Building Volume

15525.91	15525.91	(ft <sup>3</sup> )
----------	----------	--------------------

Building Width Perpendicular to GW flow

31.52987	31.52987	(ft)
----------	----------	------

Building Length Parallel to GW flow

31.52987	31.52987	(ft)
----------	----------	------

Saturated Soil Zone Porosity

0.38	(-)
------	-----

Vertical Dispersivity

0.020	(ft)
-------	------

Groundwater Seepage Velocity

1.8E+01	(cm/d)
---------	--------

### 3. Commands and Options

Main Screen

Use/Set Default

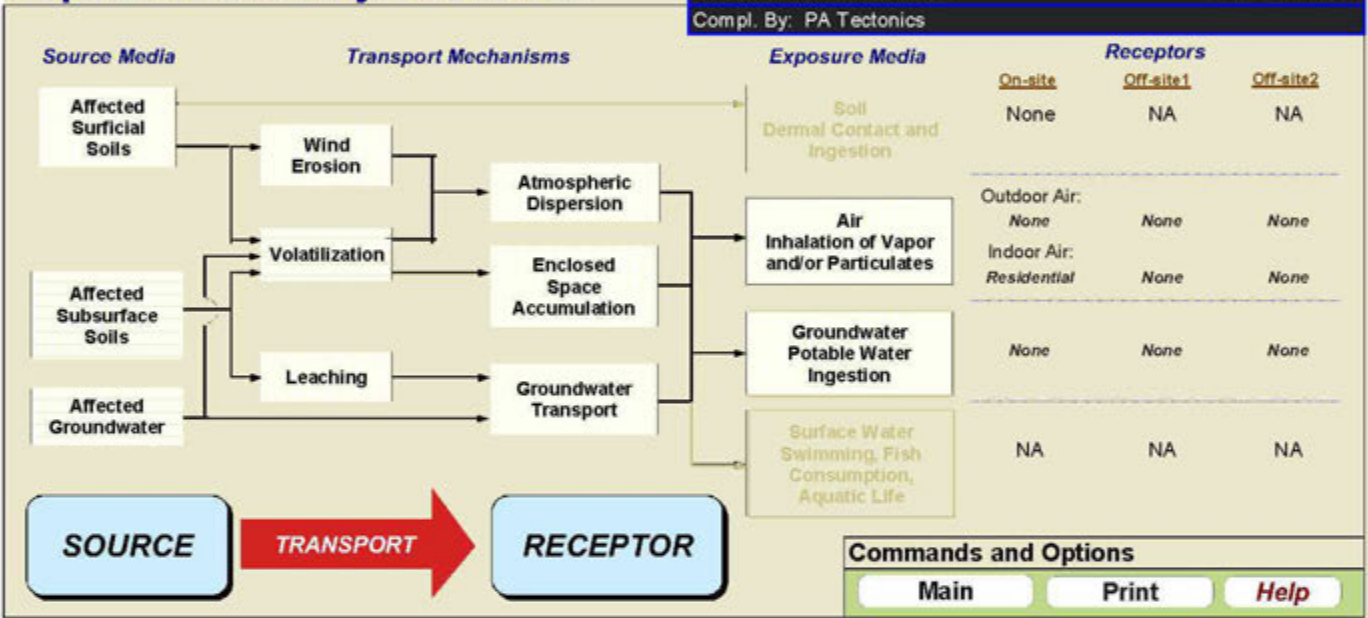
Print Sheet

Set Units

Help

# Exposure Pathway Flowchart

Site Name: Lewis Brothers Garage Job ID:  
 Location: Jarrow Residence Date: 26-Oct-10  
 Compl. By: PA Tectonics



**CHEMICAL DATA FOR SELECTED COCs**

**Physical Property Data**

Constituent	CAS Number	Type	Molecular Weight (g/mole)	Aqueous Solubility (g/20 - 25 C) (mg/L)	Soil Saturation Limit Calculated (mg/kg)	Vapor Pressure (g/20 - 25 C) (mm Hg)	Henry's Constant (g/20 - 25 C) (atmos)	log (K <sub>oc</sub> ) or log (K <sub>d</sub> ) (g/20 - 25 C) (log(L/kg))
Methyl t-Butyl ether (MTBE)	1634-04-4	O	88.1496	4000	TX08	9.27E+03	2.49E-02	TX08
Benzene	71-43-2	O	78.11364	1770	TX08	1.33E+03	9.50E-01	TX08
Ethyl benzene	100-41-4	O	106.1674	169	TX08	3.63E+02	9.60E+00	TX08
Cumene	98-82-8	O	120.19426	50	TX08	1.74E+03	4.60E+00	TX08
Toluene	108-88-3	O	92.1462	530	TX08	7.95E+02	2.82E+01	TX08
Naphthalene	91-20-3	O	128.17352	31.4	TX08	4.88E+02	8.89E-02	TX08
Ylenes (mixed isomers)	1330-20-7	O	106.1674	198	TX08	4.96E+02	8.06E+00	TX08
Trimethylbenzene, 1,3,5-	108-67-8	O	120.19	51.48	TX08	5.32E+02	2.13E+00	TX08
Trimethylbenzene, 1,2,4-	96-63-6	O	120.19	56.8	TX08	5.35E+02	1.59E+00	TX08

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Job ID:  
 Date Completed: 26-Oct-10  
 Completed By: PA/Tednics

**CHEMICAL DATA FOR SELECTED COCs**

**Physical Property Data**

Constituent	pH specific Kd for non-organics						log(Kow) (Q 28 - 25 C) log(L/kg)	Diffusion Coefficients				
	Surface Soil Column			Water Bearing Strat				Air (cm <sup>2</sup> /s)		Water (cm <sup>2</sup> /s)		
	Slope	y-intercept	logKd_pH (L/kg)	Slope	y-intercept	logKd_pH (L/kg)						
Methyl t-Butyl ether (MTBE)	-	-	-	-	-	-	1.43E+00	Tx08	7.92E-02	Tx08	9.41E-05	Tx08
Benzene	-	-	-	-	-	-	1.99E+00	Tx08	8.80E-02	Tx08	9.80E-06	Tx08
Ethyl benzene	-	-	-	-	-	-	3.03E+00	Tx08	7.50E-02	Tx08	7.80E-06	Tx08
Cumene	-	-	-	-	-	-	3.45E+00	Tx08	6.50E-02	Tx08	7.10E-06	Tx08
Toluene	-	-	-	-	-	-	2.54E+00	Tx08	8.70E-02	Tx08	8.60E-06	Tx08
Naphthalene	-	-	-	-	-	-	3.17E+00	Tx08	5.90E-02	Tx08	7.50E-06	Tx08
Ylenes (mixed isomers)	-	-	-	-	-	-	3.09E+00	Tx08	7.40E-02	Tx08	8.50E-06	Tx08
Trimethylbenzene, 1,3,5-	-	-	-	-	-	-	3.70E+00	Tx08	6.21E-02	Tx08	7.23E-06	Tx08
Trimethylbenzene, 1,2,4-	-	-	-	-	-	-	3.66E+00	Tx08	6.22E-02	Tx08	7.26E-06	Tx08

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Job ID:  
 Date Completed: 26-Oct-10  
 Completed By: PA Tedrionics

CHEMICAL DATA FOR SELECTED COCs

Miscellaneous Parameters																
Constituent	Analytical Detection Limits				Half Life (First Order Decay)			Soil to Plant Biotransfer Factors			Relative Bioavailability Factor	Leaf Concns. Calculated (mg/kg)(mg/L)	Root Concns. Calculated (mg/kg)(mg/L)	Bioconcentration Factor		
	Groundwater (mg/L)	Soil (mg/kg)	Saturated (days)	Unsaturated (days)	Saturated (days)	Unsaturated (days)	H	Above-grd (unitless)	Below-grd (unitless)							
Methyl t-Butyl ether (MTBE)	-	-	-	-	3.60E+02	1.80E+02	H	-	-	-	1.00E+00	T:08	7.63E-01	1.20E+00	7.2	LY
Benzene	2.00E-03	S	5.00E-03	S	7.20E+02	7.20E+02	H	-	-	-	1.00E+00	T:08	1.17E+00	1.85E+00	12.6	LY
Ethyl benzene	2.00E-03	S	5.00E-03	S	2.26E+02	2.26E+02	H	-	-	-	1.00E+00	T:08	3.13E+00	7.34E+00	120	LY
Cumene	-	-	-	-	1.60E+01	1.60E+01	H	-	-	-	1.00E+00	T:08	4.43E+00	1.45E+01	250	LY
Toluene	2.00E-03	S	5.00E-03	S	2.80E+01	2.80E+01	H	-	-	-	1.00E+00	T:08	1.94E+00	3.55E+00	70	LY
Naphthalene	1.00E-02	S2	1.00E-02	S2	2.56E+02	2.56E+02	H	-	-	-	1.00E+00	T:08	3.54E+00	9.14E+00	430	LY
Ylenes (mixed isomers)	5.00E-03	S	5.00E-03	S	3.60E+02	3.60E+02	H	-	-	-	1.00E+00	T:08	3.25E+00	8.02E+00	130	LY
Trimethylbenzene, 1,3,5-	-	-	-	-	-	-	-	-	-	-	1.00E+00	T:08	5.20E+00	2.22E+01	360	LY
Trimethylbenzene, 1,2,4-	-	-	-	-	5.60E+01	5.60E+01	H	-	-	-	1.00E+00	T:08	5.05E+00	2.03E+01	350	LY

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Job ID:  
 Date Completed: 26-Oct-10  
 Completed By: PA Tectonics

**CHEMICAL DATA FOR SELECTED COCs**

Dermal Exposure						
Constituent	Water Dermal Permeability Data					
	Dermal Permeability Coeff. (cm/hr)	Lag time for Dermal Exposure (hr)	Critical Exposure Time (hr)	Relative Contr of Dermal Perm Coeff	Water/Skin Derm Ads. Fact Calculated	
Methyl t-Butyl ether (MTBE)	-	-	-	-	-	-
Benzene	0.021	0.26	0.63	0.013	0.073391767	D
Ethyl benzene	0.074	0.39	1.3	0.14	0.266633684	D
Cumene	-	-	-	-	-	-
Toluene	0.045	0.32	0.77	0.054	0.159834535	D
Naphthalene	0.069	0.53	2.2	0.2	0.27002	D
Xylenes (mixed isomers)	0.08	0.39	1.4	0.16	0.286510345	D
Trimethylbenzene, 1,3,5-	-	-	-	-	-	-
Trimethylbenzene, 1,2,4-	-	-	-	-	-	-

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Job ID:  
 Date Completed: 26-Oct-10  
 Completed By: PA/Tednics

**CHEMICAL DATA FOR SELECTED COCs**



Constituent	Dermal Relative Abs. Factor Calculated	Absorption Fraction		
		Dermal (unitless)	Gastrointestinal (unitless)	
Methyl-t-Butyl ether (MTBE)	0	0	0.8	TX08
Benzene	0	0	0.97	TX08
Ethyl benzene	0	0	0.97	TX08
Cumene	0	0	0.8	TX08
Toluene	0	0	0.8	TX08
Naphthalene	0.146067416	0.13	0.89	TX08
Xylenes (mixed isomers)	0	0	0.92	TX08
Trimethylbenzene, 1,3,5-	0	0	0.8	TX08
Trimethylbenzene, 1,2,4-	0	0	0.8	TX08

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Job ID:  
 Date Completed: 26-Oct-10  
 Completed By: PA Tectonics



**CHEMICAL DATA FOR SELECTED COCs**

**Regulatory Standards**

Constituent	Maximum Contaminant Level (mg/L)		Time-Weighted Average Workplace Criteria (mg/m <sup>3</sup> )		UK Soil Guideline Values				
					Residential/Pl ant (mg/kg)	Residential/No Pl ant (mg/kg)	Allotments (mg/kg)	Commercial/In d. (mg/kg)	
Methyl-t-Butyl ether (MTBE)	-	-	144	AC	-	-	-	-	-
Benzene	0.005	MC	3.19	OS	-	-	-	-	-
Ethyl benzene	0.7	MC	436	OS	3	3	3	1	UK1
Cumene	-	-	245	OS	-	-	-	-	-
Toluene	1	MC	754	OS	4	2	3	2	UK2
Naphthalene	-	-	50	OS	-	-	-	-	-
Xylenes (mixed isomers)	10	MC	436	OS	-	-	-	-	-
Trimethylbenzene, 1,3,5-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,2,4-	-	-	-	-	-	-	-	-	-

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Job ID:  
 Date Completed: 26-Oct-10  
 Completed By: PA Tectonics

**CHEMICAL DATA FOR SELECTED COCs**

**Regulatory Standards**

Constituent	Surface Water Quality Criteria									
	Aquatic Life Protection				Human Health Protection					
	Freshwater (mg/L)		Marine (mg/L)		Drink & Freshwater Fish (mg/L)		Freshwater Fish (mg/L)		Saltwater Fish (mg/L)	
Methyl t-Butyl ether (MTBE)	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	0.005	T3	0.106	T3	0.0708	T3
Ethyl benzene	-	-	-	-	3.1	E	29	E	29	E
Cumene	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	6.8	E	200	E	200	E
Naphthalene	-	-	-	-	-	-	-	-	-	-
Xylenes (mixed isomers)	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,2,4-	-	-	-	-	-	-	-	-	-	-

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Job ID:  
 Date Completed: 26-Oct-10  
 Completed By: PA Tectonics

CHEMICAL DATA FOR SELECTED COCs

Toxicity Parameters

Constituent	Oral RfD or TDSI (mg/kg/day)		Dermal RfD or TDSI (mg/kg/day)		Inhalation Equivalent RfC or TCA (mg/m <sup>3</sup> )		Oral Equivalent Slope Factor 1 (mg/kg/day)		Dermal Equivalent Slope Factor 1 (mg/kg/day)		Inhalation Equivalent Unit Risk Factor 1 (ppm <sup>-1</sup> )	
Methyl t-Butyl ether (MTBE)	0.01	OEHHA	0.01	D2	3	EPA-I	0.0018	OEHHA	0.0018	D2	0.00000026	OEHHA
Benzene	0.004	EPA-I	0.004	D2	0.28	TX08	0.055	EPA-I	0.055	D2	0.0000022	TX08
Ethyl benzene	0.1	EPA-I	0.1	D2	1	EPA-I	-	-	-	-	-	-
Cumene	0.1	EPA-I	0.1	D2	0.4	EPA-I	-	-	-	-	-	-
Toluene	0.08	EPA-I	0.08	D2	5	EPA-I	-	-	-	-	-	-
Naphthalene	0.02	EPA-I	0.02	D2	0.003	EPA-I	-	-	-	-	-	-
Ylenes (mixed isomers)	0.2	EPA-I	0.2	D2	0.1	EPA-I	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	0.05	EPA-N	0.05	D2	0.006	EPA-I	-	-	-	-	-	-
Trimethylbenzene, 1,2,4-	0.05	TX08	0.05	D2	0.007	TX08	-	-	-	-	-	-

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Job ID:  
 Date Completed: 26-Oct-10  
 Completed By: PA Technics

## RBCA SITE ASSESSMENT

## User-Specified COC Data

## REPRESENTATIVE COC CONCENTRATIONS IN SOURCE MEDIA

CONSTITUENT	Representative COC Concentration			
	Groundwater		Soils (0 - 0 ft)	
	value (mg/L)	note	value (mg/kg)	note
Methyl t-Butyl ether (MTBE)	9.1E-2	MW-10D	5.0E-3	SS2
Benzene	2.3E-1	MW-10S	5.0E-3	SS2
Ethyl benzene	1.7E-2	MW-10S	5.0E-3	SS2
Cumene	1.8E-2	MW-10S	5.0E-3	SS2
Toluene	1.8E-1	MW-10S	5.0E-3	SS2
Naphthalene	2.5E-2	MW-10S	5.0E-3	SS2
Xylenes (mixed isomers)	7.2E-1	MW-10S		
Trimethylbenzene, 1,3,5-	2.6E-1	MW-10S	5.0E-3	SS2
Trimethylbenzene, 1,2,4-	1.3E-1	MW-10S	1.0E-2	SS2

## RBCA SITE ASSESSMENT

## User-Specified COC Data

## REPRESENTATIVE COC CONCENTRATIONS IN SOURCE MEDIA

CONSTITUENT	Representative COC Concentration			
	Groundwater		Soils (0 - 0 ft)	
	value (mg/L)	note	value (mg/kg)	note
Methyl t-Butyl ether (MTBE)	9.1E-2	MW-10D	5.0E-3	SS2
Benzene	2.3E-1	MW-10S	5.0E-3	SS2
Ethyl benzene	1.7E-2	MW-10S	5.0E-3	SS2
Cumene	1.8E-2	MW-10S	5.0E-3	SS2
Toluene	1.8E-1	MW-10S	5.0E-3	SS2
Naphthalene	2.5E-2	MW-10S	5.0E-3	SS2
Xylenes (mixed isomers)	7.2E-1	MW-10S		
Trimethylbenzene, 1,3,5-	2.6E-1	MW-10S	5.0E-3	SS2
Trimethylbenzene, 1,2,4-	1.3E-1	MW-10S	1.0E-2	SS2

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Completed By: PA Tectonics

Date Completed: 26-Oct-10  
 Job ID:

**RBCA SITE ASSESSMENT**

**TIER 2 EXPOSURE CONCENTRATION AND INTAKE CALCULATION**

**INDOOR AIR EXPOSURE PATHWAYS**  (Checked if Pathway is Complete)

SOILS: VAPOR

INTRUSION INTO BUILDINGS

Constituents of Concern	1) Source Medium	2) NAF Value (L/g) Receptor	3) Exposure Medium Indoor Air: POE Conc. (mg/m <sup>3</sup> ) (1) / (2)		4) Exposure Multiplier (EF×ED)×(AT×365) (unitless)	5) Average Inhalation Exposure Concentration (mg/m <sup>3</sup> ) (3)×(4)
	Soil Conc. (mg/kg)	On-site (0 ft) None	On-site (0 ft) None	On-site (0 ft) None	On-site (0 ft) None	On-site (0 ft) None
Methyl t-Butyl ether (MTBE)	5.0E-3					
Benzene	5.0E-3					
Ethyl benzene	5.0E-3					
Cumene	5.0E-3					
Toluene	5.0E-3					
Naphthalene	5.0E-3					
Xylenes (mixed isomers)						
Trimethylbenzene, 1,3,5-	5.0E-3					
Trimethylbenzene, 1,2,4-	1.0E-2					

\* = Chemical with user-specified data

NOTE: AT = Averaging time (days) EF = Exposure frequency (days/yr) ED = Exposure duration (yr) NAF = Natural attenuation factor POE = Point of exposure

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Completed By: PA Tectonics

Date Completed: 26-Oct-10  
 Job ID:

**RBCA SITE ASSESSMENT**

**TIER 2 EXPOSURE CONCENTRATION AND INTAKE CALCULATION**

INDOOR AIR EXPOSURE PATHWAYS <input checked="" type="checkbox"/> (Checked if Pathway is Complete)							
GROUNDWATER: VAPOR INTRUSION INTO BUILDINGS	Exposure Concentration						
	1) Source Medium	2) NAF Value (m <sup>3</sup> /l) Receptor			3) Exposure Medium Indoor Air POE Conc. (mg/m <sup>3</sup> ) (1) / (2)		
	Groundwater Conc. (mg/l)	On-site (0 ft) Residential	Off-site 1 (0 ft) None	Off-site 2 (0 ft) None	On-site (0 ft) None	Off-site 1 (0 ft) None	Off-site 2 (0 ft) None
<b>Constituents of Concern</b>							
Methyl t-Butyl ether (MTBE)	9.1E-2	8.7E+1			1.0E-3		
Benzene	2.3E-1	5.6E+1			4.1E-3		
Ethyl benzene	1.7E-2	5.2E+1			3.3E-4		
Cumene	1.8E-2	3.7E+1			5.0E-4		
Toluene	1.8E-1	5.2E+1			3.5E-3		
Naphthalene	2.5E-2	2.6E+2			9.6E-5		
Xylenes (mixed isomers)	7.2E-1	5.5E+1			1.3E-2		
Trimethylbenzene, 1,3,5-	2.6E-1	6.9E+1			3.8E-3		
Trimethylbenzene, 1,2,4-	1.3E-1	8.8E+1			1.4E-3		

NOTE: AT = Averaging time (days) EF = Exposure frequency (days/yr) ED = Exposure duration (yr) NAF = Natural attenuation factor POE = Point of exposure

Site Name: Lewis Brothers Garage Date Completed: 26-Oct-10  
 Site Location: Jarrow Residence Job ID:  
 Completed By: PA Tectonics

**RBCA SITE ASSESSMENT**

3 OF 8

**TIER 2 EXPOSURE CONCENTRATION AND INTAKE CALCULATION**

**INDOOR AIR EXPOSURE PATHWAYS**

**GROUNDWATER: VAPOR INTRUSION  
INTO BUILDINGS**

	4) Exposure Multiplier (EF x ED) / (AT x 365) (unitless)			5) Average Inhalation Exposure Concentration (mg/m <sup>3</sup> ) (3) x (4)		
	On-site (0 ft) None	Off-site 1 (0 ft) None	Off-site 2 (0 ft) None	On-site (0 ft) None	Off-site 1 (0 ft) None	Off-site 2 (0 ft) None
<b>Constituents of Concern</b>						
Methyl t-Butyl ether (MTBE)	4.1E-1			4.3E-4		
Benzene	4.1E-1			1.7E-3		
Ethyl benzene	9.6E-1			3.1E-4		
Cumene	9.6E-1			4.7E-4		
Toluene	9.6E-1			3.4E-3		
Naphthalene	9.6E-1			9.2E-5		
Xylenes (mixed isomers)	9.6E-1			1.2E-2		
Trimethylbenzene, 1,3,5-	9.6E-1			3.6E-3		
Trimethylbenzene, 1,2,4-	9.6E-1			1.4E-3		

\* = Chemical with user-specified data

NOTE: AT = Averaging time (days) EF = Exposure frequency (days/yr) ED = Exposure duration (yr) NAF = Natural attenuation factor POE = Point of exposure

Site Name: Lewis Brothers Garage  
Site Location: Jarrow Residence  
Completed By: PA Tectonics

Date Completed: 26-Oct-10  
Job ID:



**RBCA SITE ASSESSMENT**

**TIER 2 EXPOSURE CONCENTRATION AND INTAKE CALCULATION**

INDOOR AIR EXPOSURE PATHWAYS <input type="checkbox"/> (Checked if Pathway is Complete)							
SOB, LEACHING TO GW VAPOR INTRUSION INTO BUILDINGS	Exposure Concentration						
	1) Source Medium	2) NAF Value (m <sup>3</sup> /l) Receptor			3) Exposure Medium Indoor Air POE Conc. (mg/m <sup>3</sup> ) (1) / (2)		
		Soil Conc. (mg/kg)	On-site (0 ft)	Off-site 1 (0 ft)	Off-site 2 (0 ft)	On-site (0 ft)	Off-site 1 (0 ft)
<b>Constituents of Concern</b>							
Methyl t-Butyl ether (MTBE)	5.0E-3						
Benzene	5.0E-3						
Ethyl benzene	5.0E-3						
Cumene	5.0E-3						
Toluene	5.0E-3						
Naphthalene	5.0E-3						
Xylenes (mixed isomers)							
Trimethylbenzene, 1,3,5-	5.0E-3						
Trimethylbenzene, 1,2,4-	1.0E-2						

NOTE: AT = Averaging time (days) EF = Exposure frequency (days/yr) ED = Exposure duration (yr) NAF = Natural attenuation factor POE = Point of exposure

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Completed By: PA Tectonics

Date Completed: 26-Oct-10  
 Job ID:

**RBCA SITE ASSESSMENT**

**TIER 2 EXPOSURE CONCENTRATION AND INTAKE CALCULATION**

**INDOOR AIR EXPOSURE PATHWAYS**

**SOIL LEACHING TO GW VAPOR INTRUSION INTO BUILDINGS**

	4) Exposure Multiplier (EF x ED) / (AT x 365) (unitless)			5) Average Inhalation Exposure Concentration (mg/m <sup>3</sup> ) (3) x (4)		
	On-site (0 ft)	Off-site 1 (0 ft)	Off-site 2 (0 ft)	On-site (0 ft)	Off-site 1 (0 ft)	Off-site 2 (0 ft)
<b>Constituents of Concern</b>	None	None	None	None	None	None
Methyl t-Butyl ether (MTBE)						
Benzene						
Ethyl benzene						
Cumene						
Toluene						
Naphthalene						
Xylenes (mixed isomers)						
Trimethylbenzene, 1,3,5-						
Trimethylbenzene, 1,2,4-						

\* = Chemical with user-specified data

NOTE: AT = Averaging time (days) EF = Exposure frequency (day/yr) ED = Exposure duration (yr) NAF = Natural attenuation factor POE = Point of exposure

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Completed By: PA Tectonics

Date Completed: 26-Oct-10  
 Job ID:

**RBCA SITE ASSESSMENT**

6 OF 8

**TIER 2 EXPOSURE CONCENTRATION AND INTAKE CALCULATION**

**INDOOR AIR EXPOSURE PATHWAYS**

**MAXIMUM PATHWAY EXPOSURE (mg/m<sup>3</sup>)**  
 (Maximum average exposure concentration  
 from soil and groundwater routes.)

Constituents of Concern	On-site (0 ft)	Off-site 1 (0 ft)	Off-site 2 (0 ft)
	Residential	None	None
Methyl t-Butyl ether (MTBE)	4.3E-4		
Benzene	1.7E-3		
Ethyl benzene	3.1E-4		
Cumene	4.7E-4		
Toluene	3.4E-3		
Naphthalene	9.2E-5		
Xylenes (mixed isomers)	1.2E-2		
Trimethylbenzene, 1,3,5-	3.6E-3		
Trimethylbenzene, 1,2,4-	1.4E-3		

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Completed By: PA Tectonics

Date Completed: 26-Oct-10  
 Job ID:

**RBCA SITE ASSESSMENT**

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**TIER 2 PATHWAY RISK CALCULATION**

**INDOOR AIR EXPOSURE PATHWAYS**  (Checked if Pathway is Complete)

**CARCINOGENIC RISK**

Constituents of Concern	(1) Carcinogenic Classification	(2) Maximum Carcinogenic Exposure (mg/m <sup>3</sup> )			(3) Inhalation Unit Risk Factor μg/m <sup>3</sup> -1	(4) Individual COC Risk (2) x (3) x 1000		
		On-site (0 ft) Residential	Off-site 1 (0 ft) None	Off-site 2 (0 ft) None		On-site (0 ft) Residential	Off-site 1 (0 ft) None	Off-site 2 (0 ft) None
		Methyl t-Butyl ether (MTBE)	TRUE	4.3E-4		-	-	2.6E-7
Benzene	TRUE	1.7E-3	-	-	2.2E-6	3.7E-6		
Ethyl benzene	FALSE	-	-	-	-			
Cumene	FALSE	-	-	-	-			
Toluene	FALSE	-	-	-	-			
Naphthalene	FALSE	-	-	-	-			
Xylenes (mixed isomers)	FALSE	-	-	-	-			
Trimethylbenzene, 1,3,5-	FALSE	-	-	-	-			
Trimethylbenzene, 1,2,4-	FALSE	-	-	-	-			

**Total Pathway Carcinogenic Risk = 3.8E-6**

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Completed By: PA Tectonics

Date Completed: 26-Oct-10  
 Job ID:

**RBCA SITE ASSESSMENT**

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**TIER 2 PATHWAY RISK CALCULATION**

**INDOOR AIR EXPOSURE PATHWAYS**  (Checked if Pathway is Complete)

TOXIC EFFECTS

Constituents of Concern	(5) Maximum Toxicant Exposure (mg/m <sup>3</sup> )			(6) Inhalation Reference Concentration (mg/m <sup>3</sup> )	(7) Individual COC Hazard Quotient (5) / (6)		
	On-site (0 ft)	Off-site 1 (0 ft)	Off-site 2 (0 ft)		On-site (0 ft)	Off-site 1 (0 ft)	Off-site 2 (0 ft)
	Residential	None	None		Residential	None	None
Methyl t-Butyl ether (MTBE)	9.9E-4			3.0E+0	3.3E-4		
Benzene	3.9E-3			2.8E-1	1.4E-2		
Ethyl benzene	3.1E-4			1.0E+0	3.1E-4		
Cumene	4.7E-4			4.0E-1	1.2E-3		
Toluene	3.4E-3			5.0E+0	6.8E-4		
Naphthalene	9.2E-5			3.0E-3	3.1E-2		
Xylenes (mixed isomers)	1.2E-2			1.0E-1	1.2E-1		
Trimethylbenzene, 1,3,5-	3.6E-3			6.0E-3	6.1E-1		
Trimethylbenzene, 1,2,4-	1.4E-3			7.0E-3	2.0E-1		

**Total Pathway Hazard Index = 9.8E-1**

Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence  
 Completed By: PA Tectorics

Date Completed: 26-Oct-10  
 Job ID:

<b>RBCA SITE ASSESSMENT</b>	<b>Baseline Risk Summary-All Pathways</b>
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Site Name: Lewis Brothers Garage  
 Site Location: Jarrow Residence

Completed By: PA Tectonics  
 Date Completed: 26-Oct-10

<b>BASELINE RISK SUMMARY TABLE</b>										
EXPOSURE PATHWAY	BASELINE CARCINOGENIC RISK					BASELINE TOXIC EFFECTS				
	Individual COC Risk		Cumulative COC Risk		Risk Limit(s) Exceeded?	Hazard Quotient		Hazard Index		Toxicity Limit(s) Exceeded?
	Maximum Value	Target Risk	Total Value	Target Risk		Maximum Value	Applicable Limit	Total Value	Applicable Limit	
<b>OUTDOOR AIR EXPOSURE PATHWAYS</b>										
☐	NA	NA	NA	NA	☐	NA	NA	NA	NA	☐
<b>INDOOR AIR EXPOSURE PATHWAYS</b>										
■	3.7E-6	1.0E-5	3.8E-6	1.0E-5	☐	6.1E-1	1.0E+0	9.8E-1	1.0E+0	☐
<b>SOIL EXPOSURE PATHWAYS</b>										
☐	NA	NA	NA	NA	☐	NA	NA	NA	NA	☐
<b>GROUNDWATER EXPOSURE PATHWAYS</b>										
☐	NA	NA	NA	NA	☐	NA	NA	NA	NA	☐
<b>SURFACE WATER EXPOSURE PATHWAYS</b>										
☐	NA	NA	NA	NA	☐	NA	NA	NA	NA	☐
<b>CRITICAL EXPOSURE PATHWAY (Maximum Values From Complete Pathways)</b>										
	3.7E-6	1.0E-5	3.8E-6	1.0E-5	☐	6.1E-1	1.0E+0	9.8E-1	1.0E+0	☐
	<i>Indoor Air</i>		<i>Indoor Air</i>			<i>Indoor Air</i>		<i>Indoor Air</i>		

RBCA Toolkit for Chemical Releases, Version 2.01

RBCA SITE ASSESSMENT

Site Name: Lewis Brothers Garage  
 Site Location: Janna Residence

Completed By: P.A. Technics  
 Date Completed: 26-Oct-10

Job ID:

1 OF 1

GROUNDWATER SSTL VALUES

Target Risk (Class A & B) 10E-6  
 Target Hazard Quotient 10E-0

Groundwater S&AF Options

CONSTITUENTS OF CONCERN		Representative Concentration (mg/L)	SSTL Results For Complete Exposure Pathways (Checked if Pathway is Complete)									Applicable SSTL (mg/L)	SSTL Exceeded?	Required CRF Only if "yes"		
			Groundwater Ingestion / Discharge to Surface Water			Groundwater Volatilization to Indoor Air			Groundwater Volatilization to Outdoor Air							
			CR site (D.F.)	CR site 1 (D.F.)	CR site 2 (D.F.)	CR site (D.F.)	OS-255 1 (D.F.)	OS-255 2 (D.F.)	CR site (D.F.)	CR site 1 (D.F.)	CR site 2 (D.F.)					
1634-04-4	Methyl-Butyl ether (MTBE)	9.1E-2	None	None	None	8.2E+0	None	None	None	None	None	None	None	8.2E+0	<input type="checkbox"/>	<1
71-43-2	Benzene	2.3E-1	None	None	None	6.2E-1	None	None	None	None	None	None	None	6.2E-1	<input type="checkbox"/>	<1
100-41-4	Ethyl benzene	1.7E-2	None	None	None	5.4E+1	None	None	None	None	None	None	None	5.4E+1	<input type="checkbox"/>	<1
98-82-8	Cumene	1.8E-2	None	None	None	1.6E+1	None	None	None	None	None	None	None	1.6E+1	<input type="checkbox"/>	<1
108-88-3	Toluene	1.8E-1	None	None	None	2.7E+2	None	None	None	None	None	None	None	2.7E+2	<input type="checkbox"/>	<1
91-20-3	Naphthalene	2.5E-2	None	None	None	8.0E-1	None	None	None	None	None	None	None	8.0E-1	<input type="checkbox"/>	<1
1330-20-7	Xylenes (mixed isomers)	7.2E-1	None	None	None	5.0E+0	None	None	None	None	None	None	None	5.0E+0	<input type="checkbox"/>	<1
108-67-8	Trimethylbenzene, 1,3,5-	2.6E-1	None	None	None	4.3E-1	None	None	None	None	None	None	None	4.3E-1	<input type="checkbox"/>	<1
95-63-6	Trimethylbenzene, 1,2,4-	1.3E-1	None	None	None	6.4E-1	None	None	None	None	None	None	None	6.4E-1	<input type="checkbox"/>	<1

\* = Chemical with user-specified data

~\* indicates risk based target concentration greater than constituent solubility value. NA = Not applicable. NC = Not calculated.

RBCA SITE ASSESSMENT				Cumulative Risk Worksheet			
Site Name: Lewis Brothers Garage		Completed By: PA Teclonics		Job ID:			
Site Location: Janow Residence		Date Completed: 26-Oct-10				1 Of 3	
<b>CUMULATIVE RISK WORKSHEET</b>							
CONSTITUENTS OF CONCERN							
CAS No.	Name	Representative Concentration		Proposed CRF		Resultant Target Concentration	
		Soil (mg/kg)	Groundwater (mg/L)	Soil	GW	Soil (mg/kg)	Groundwater (mg/L)
1634-04-4	Methyl 1-butyl ether (MTBE)		9.1E-2	NA	NA		9.1E-2
71-43-2	Benzene		2.3E-1	NA	NA		2.3E-1
100-41-4	Ethyl benzene		1.7E-2	NA	NA		1.7E-2
98-82-8	Cumene		1.8E-2	NA	NA		1.8E-2
108-88-3	Toluene		1.8E-1	NA	NA		1.8E-1
91-20-3	Naphthalene		2.5E-2	NA	NA		2.5E-2
1330-20-7	Xylenes (mixed isomers)		7.2E-1	NA	NA		7.2E-1
108-67-8	Trimethylbenzene, 1,3,5-		2.6E-1	NA	NA		2.6E-1
95-63-6	Trimethylbenzene, 1,2,4-		1.3E-1	NA	NA		1.3E-1
Cumulative Values:							



RBCA SITE ASSESSMENT						Cumulative Risk Worksheet			
Site Name: Lewis Brothers Garage		Site Name: Lewis Brothers Garage		Completed By: PA Tectonics		Job ID:			
Site Location: Jarow Residence		Site Location: Jarow Residence		Date Completed: 26-Oct-10		2 OF 3			
<b>CUMULATIVE RISK WORKSHEET</b>						Cumulative Target Risk: 1.0E-5    Target Hazard Index: 1.0E+0			
<b>ON-SITE RECEPTORS</b>									
<b>CONSTITUENTS OF CONCERN</b>		Outdoor Air Exposure		Indoor Air Exposure		Soil Exposure		Groundwater Exposure	
		None		Residential		None		None	
		Target Risk: 1.0E-5	Target HI: 1.0E+0	Target Risk: 1.0E-5	Target HI: 1.0E+0	Target Risk: 1.0E-5	Target HI: 1.0E+0	Target Risk: 1.0E-5	Target HI: 1.0E+0
<b>CAS No.</b>	<b>Name</b>	Carcinogenic Risk	Hazard Quotient	Carcinogenic Risk	Hazard Quotient	Carcinogenic Risk	Hazard Quotient	Carcinogenic Risk	Hazard Quotient
1634-04-4	Methyl t-butyl ether (MTBE)			1.1E-7	3.3E-4				
71-43-2	Benzene			3.7E-6	1.4E-2				
100-41-4	Ethyl benzene				3.1E-4				
98-82-8	Cumene				1.0E-3				
106-88-3	Toluene				6.8E-4				
91-20-3	Naphthalene				3.1E-2				
1330-20-7	Xylenes (mixed isomers)				1.9E-1				
106-67-8	1,2,4-trimethylbenzene				6.1E-1				
95-63-6	1,2,4-trimethylbenzene				2.0E-1				
<b>Cumulative Values:</b>		<b>0.0E+0</b>	<b>0.0E+0</b>	<b>3.3E-6</b>	<b>5.3E-1</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>

\* Indicates risk level exceeding target risk

RBCA SITE ASSESSMENT				Cumulative Risk Worksheet				Cumulative Risk Worksheet							
Site Name: Lewis Brothers Garage		Site Name: Lewis Brothers Garage		Completed By: PA Tectonics		Job ID:		Site Location: Jarow Residence		Site Location: Jarow Residence		Date Completed: 26-Oct-19		Job ID:	
3 OF 3				3 OF 3				3 OF 3							
<b>CUMULATIVE RISK WORKSHEET</b>				Cumulative Target Risk: 1.0E-5				Target Hazard Index: 1.0E+0							
<b>OFF-SITE RECEPTORS</b>															
<b>CONSTITUENTS OF CONCERN</b>															
CAS No.	Name	Outdoor Air Exposure				Indoor Air Exposure				Groundwater Exposure					
		target risk: 1.0E-5	target HI: 1.0E+0	target risk: 1.0E-5	target HI: 1.0E+0	target risk: 1.0E-5	target HI: 1.0E+0	target risk: 1.0E-5	target HI: 1.0E+0	target risk: 1.0E-5	target HI: 1.0E+0	target risk: 1.0E-5	target HI: 1.0E+0		
		Carcinogenic Risk	Hazard Quotient	Carcinogenic Risk	Hazard Quotient	Carcinogenic Risk	Hazard Quotient	Carcinogenic Risk	Hazard Quotient	Carcinogenic Risk	Hazard Quotient	Carcinogenic Risk	Hazard Quotient		
1634-04-4	Methyl t-Butyl ether (MTBE)														
71-43-2	Benzene														
100-41-4	Ethyl benzene														
98-97-9	Cumene														
106-99-3	Toluene														
91-20-3	Naphthalene														
1330-20-7	Xylenes (mixed isomers)														
108-67-8	1,3,5-Triethylbenzene														
95-63-6	1,2,4-Triethylbenzene														
<b>Cumulative Values:</b>		<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>	<b>0.0E+0</b>		

• indicates risk level exceeding target risk.

• indicates risk level exceeding target risk.

**RBCA SITE ASSESSMENT**

**Chemical-Specific Tier 2 Cleanup Summary**

Site Name: Lewis Brothers Garage

Completed By: PA Tectonics

Job ID:

Site Location: Jarrow Residence

Date Completed: 26-Oct-10

1 of 11

Constituent: **Methyl t-Butyl ether (MTBE) CAS No.: 1634-04-4**

Site-Specific Target Level (SSTL) Concentrations			
	On-site	Off-site1	Off-site2
<b>Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Surface Soil Ingestion and Dermal Contact</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>ss</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
RBEL <sub>air</sub> THQ = 1E+0	NA	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NA	NA	NA
<b>Soil Volatilization/Particulates to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Groundwater Volatilization to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	Residential / 0	None	None
RBEL <sub>air</sub> THQ = 1E+0	3.1E+3	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	9.4E+1	NA	NA
<b>Soil Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>s</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Groundwater Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA

Units Residential Commercial Construction				
<b>Cross-Media Transfer Factors</b>				
VF <sub>ss</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	1.1E-2	NA	NA
LF	(kg-soil/L-wat)	NA		NA

Units On-Site Off-Site1 Off-Site2				
<b>Lateral Transport Factors</b>				
DAF <sub>gw</sub>	(-)	NA	NA	NA
DAF <sub>soil</sub>	(-)	NA	NA	NA

Chemical Parameters			
	Units	Value	Reference
<b>Physical Properties</b>			
MW	(g/mol)	8.8E+1	TX08
Sol	(mg/L)	4.8E+4	TX08
P <sub>vap</sub>	(mmHg)	2.5E+2	TX08
H <sub>vol</sub>	(atm-m <sup>3</sup> /mol)	2.4E-2	TX08
log(K <sub>ow</sub> )	(log(L/kg))	1.2E+0	TX08
log(K <sub>oc</sub> )	(log(L/kg))	1.4E+0	TX08
D <sub>air</sub>	(cm <sup>2</sup> /sec)	7.9E-2	TX08
D <sub>soil</sub>	(cm <sup>2</sup> /sec)	9.4E-5	TX08
<b>Toxicity Data</b>			
SF <sub>3</sub>	(1/[mg/kg/day])	1.8E-3	OEHHA
SF <sub>3</sub>	(1/[mg/kg/day])	1.8E-3	D2
URF <sub>1</sub>	(1/[µg/m <sup>3</sup> ])	2.6E-7	OEHHA
RID <sub>0</sub>	(mg/kg/day)	1.0E-2	OEHHA
RID <sub>6</sub>	(mg/kg/day)	1.0E-2	D2
RC <sub>1</sub>	(mg/m <sup>3</sup> )	3.0E+0	EPA-1
BCF	(-)	7.2E+0	LY
RBAF	(-)	1.0E+0	TX08
half_life_sat	(d)	3.6E+2	H
half_life_uns	(d)	1.8E+2	H
<b>Dermal Exposure Parameters</b>			
RAF <sub>d</sub>	(-)	0.0E+0	TX08
abs.d	(-)	0.0E+0	TX08
abs.g	(-)	8.0E-1	TX08
K <sub>g</sub>	(cm/hr)	-	-
tau <sub>g</sub>	(hr/event)	-	-
t <sub>cut</sub>	(hr)	-	-
B	(-)	-	-
<b>Regulatory Standards</b>			
MCL	(mg/L)	-	*
TWA	(mg/m <sup>3</sup> )	1.4E+2	AC
SWQC	(mg/L)	-	-
Br.Abg	(-)	-	-
Br.bg	(-)	-	-
<b>Miscellaneous Parameters</b>			
ADL <sub>gw</sub>	(mg/L)	-	-
ADL <sub>s</sub>	(mg/kg)	-	-
t <sub>1/2,sk</sub>	(d)	3.6E+2	H
t <sub>1/2,unsk</sub>	(d)	1.8E+2	H

Units Value		
<b>Derived Parameters</b>		
H	(L-wat/L-air)	2.4E-2
K <sub>ow</sub>	(L-wat/kg-soil)	5.2E+0
C <sub>soil</sub>	(mg/kg-soil)	9.3E+3
C <sub>soil,wat</sub>	(µg/m <sup>3</sup> -air)	1.2E+9
D <sub>soil</sub>	(cm <sup>2</sup> /sec)	1.2E-2
D <sub>soil,sk</sub>	(cm <sup>2</sup> /sec)	6.2E-3
D <sub>soil,corp</sub>	(cm <sup>2</sup> /sec)	8.4E-4
D <sub>soil,wat</sub>	(cm <sup>2</sup> /sec)	9.7E-3
R <sub>soil</sub>	(-)	-
R <sub>unsk</sub>	(-)	-
Z	(cm/event)	-

Notes: 1) NA = Not applicable; NC = Not calculated.  
 2) Definitions and references presented on page 10 of 10.

**RBCA SITE ASSESSMENT**

**Chemical-Specific Tier 2 Cleanup Summary**

Site Name: Lewis Brothers Garage

Completed By: PA Tectonics

Job ID:

Site Location: Jarrow Residence

Date Completed: 26-Oct-10

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Constituent: Benzene

CAS No.: 71-43-2

Site-Specific Target Level (SSTL) Concentrations			
	On-site	Off-site1	Off-site2
<b>Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Surface Soil Ingestion and Dermal Contact</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>ss</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
RBEL <sub>air</sub> THQ = 1E+0	NA	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NA	NA	NA
<b>Soil Volatilization/Particulates to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Groundwater Volatilization to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	Residential / 0	None	None
RBEL <sub>air</sub> THQ = 1E+0	2.9E+2	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	1.1E+1	NA	NA
<b>Soil Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>s</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Groundwater Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA

Units	Residential	Commercial	Construction
<b>Cross-Media Transfer Factors</b>			
VF <sub>ss</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub> (m <sup>3</sup> -wat/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub> (m <sup>3</sup> -wat/m <sup>3</sup> -air)	1.8E-2	NA	NA
LF (kg-soil/L-wat)	NA		

Units	On-Site	Off-Site1	Off-Site2
<b>Lateral Transport Factors</b>			
DAF <sub>gw</sub> (-)	NA	NA	NA
DAF <sub>s/gw</sub> (-)	NA	NA	NA

	Units	Value	Reference
<b>Physical Properties</b>			
MW (g/mol)		7.8E+1	TX08
Sol (mg/L)		1.8E+3	TX08
P <sub>vap</sub> (mmHg)		9.5E+1	TX08
H <sub>vol</sub> (atm-m <sup>3</sup> /mol)		2.3E-1	TX08
log(K <sub>oc</sub> ) (log(L/kg))		1.8E+0	TX08
log(K <sub>ow</sub> ) (log(L/kg))		2.0E+0	TX08
D <sub>air</sub> (cm <sup>2</sup> /sec)		8.8E-2	TX08
D <sub>soil</sub> (cm <sup>2</sup> /sec)		9.8E-6	TX08
<b>Toxicity Data</b>			
SF <sub>3</sub> (1/(mg/kg/day))		5.5E-2	EPA-1
SF <sub>3</sub> (1/(mg/kg/day))		5.5E-2	D2
URF <sub>1</sub> (1/(µg/m <sup>3</sup> ))		2.2E-6	TX08
RID <sub>0</sub> (mg/kg/day)		4.0E-3	EPA-1
RID <sub>6</sub> (mg/kg/day)		4.0E-3	D2
RfC <sub>1</sub> (mg/m <sup>3</sup> )		2.8E-1	TX08
BCF (-)		1.3E+1	LY
RBAF (-)		1.0E+0	TX08
half_life_sat (d)		7.2E+2	H
half_life_uns (d)		7.2E+2	H
<b>Dermal Exposure Parameters</b>			
RAF <sub>d</sub> (-)		0.0E+0	TX08
abs.d (-)		0.0E+0	TX08
abs.g (-)		9.7E-1	TX08
K <sub>p</sub> (cm/hr)		2.1E-2	D
t <sub>sk</sub> (hr/event)		2.6E-1	D
t <sub>ex</sub> (hr)		6.3E-1	D
B (-)		1.3E-2	D
<b>Regulatory Standards</b>			
MCL (mg/L)		5.0E-3	*
TWA (mg/m <sup>3</sup> )		3.2E+0	OS
SWQC (mg/L)		-	-
Br.Abg (-)		-	-
Br.bg (-)		-	-
<b>Miscellaneous Parameters</b>			
ADL <sub>gw</sub> (mg/L)		2.0E-3	S
ADL <sub>s</sub> (mg/kg)		5.0E-3	S
t <sub>1/2,sk</sub> (d)		7.2E+2	H
t <sub>1/2,unsk</sub> (d)		7.2E+2	H

	Units	Value
<b>Derived Parameters</b>		
H (L-wat/L-air)		2.3E-1
K <sub>ow</sub> (L-wat/kg-soil)		1.8E+0
C <sub>soil</sub> (mg/kg-soil)		1.3E+3
C <sub>soil,wat</sub> (µg/m <sup>3</sup> -air)		4.0E+8
D <sub>soil</sub> (cm <sup>2</sup> /sec)		1.3E-2
D <sub>soil,sk</sub> (cm <sup>2</sup> /sec)		6.9E-3
D <sub>soil,exp</sub> (cm <sup>2</sup> /sec)		2.2E-5
D <sub>soil,wat</sub> (cm <sup>2</sup> /sec)		1.2E-3
R <sub>soil</sub> (-)		
R <sub>unsk</sub> (-)		
Z (cm/event)		7.3E-2

Notes: 1) NA = Not applicable; NC = Not calculated.  
2) Definitions and references presented on page 10 of 10.

**RBCA SITE ASSESSMENT**

**Chemical-Specific Tier 2 Cleanup Summary**

Site Name: Lewis Brothers Garage

Completed By: PA Tectonics

Job ID:

Site Location: Jarrow Residence

Date Completed: 26-Oct-10

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Constituent: **Ethyl benzene** CAS No.: 100-41-4

Site-Specific Target Level (SSTL) Concentrations			
	On-site	Off-site1	Off-site2
<b>Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Surface Soil Ingestion and Dermal Contact</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>ss</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
RBEL <sub>air</sub> THQ = 1E+0	NA	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NA	NA	NA
<b>Soil Volatilization/Particulates to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Groundwater Volatilization to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	Residential / 0	None	None
RBEL <sub>air</sub> THQ = 1E+0	1.0E+3	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NC	NA	NA
<b>Soil Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>s</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Groundwater Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA

Units Residential Commercial Construction				
<b>Cross-Media Transfer Factors</b>				
VF <sub>so</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soib</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>watib</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soep</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>watep</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	1.9E-2	NA	NA
LF	(kg-soil/L-wat)	NA		

Units On-Site Off-Site1 Off-Site2				
<b>Lateral Transport Factors</b>				
DAF <sub>gw</sub>	(-)	NA	NA	NA
DAF <sub>s/gw</sub>	(-)	NA	NA	NA

Chemical Parameters			
	Units	Value	Reference
<b>Physical Properties</b>			
MW	(g/mol)	1.1E+2	TX08
Sol	(mg/L)	1.7E+2	TX08
P <sub>vap</sub>	(mmHg)	9.6E+0	TX08
H <sub>vol</sub>	(atm-m <sup>3</sup> /mol)	3.3E-1	TX08
log(K <sub>ow</sub> )	(log(L/kg))	2.3E+0	TX08
log(K <sub>oc</sub> )	(log(L/kg))	3.0E+0	TX08
D <sub>air</sub>	(cm <sup>2</sup> /sec)	7.5E-2	TX08
D <sub>soil</sub>	(cm <sup>2</sup> /sec)	7.6E-6	TX08
<b>Toxicity Data</b>			
SF <sub>3</sub>	(1/(mg/kg/day))	-	-
SF <sub>3</sub>	(1/(mg/kg/day))	-	-
URF <sub>1</sub>	(1/(µg/m <sup>3</sup> ))	-	-
RID <sub>0</sub>	(mg/kg/day)	1.0E-1	EPA-1
RID <sub>6</sub>	(mg/kg/day)	1.0E-1	D2
RC <sub>1</sub>	(mg/m <sup>3</sup> )	1.0E+0	EPA-1
BCF	(-)	1.2E+2	LY
RBAF	(-)	1.0E+0	TX08
half_life_sat	(d)	2.3E+2	H
half_life_uns	(d)	2.3E+2	H
<b>Dermal Exposure Parameters</b>			
RAF <sub>d</sub>	(-)	0.0E+0	TX08
abs.d	(-)	0.0E+0	TX08
abs.g	(-)	9.7E-1	TX08
K <sub>o</sub>	(cm/hr)	7.4E-2	D
tau <sub>so</sub>	(hr/event)	3.9E-1	D
t <sub>so</sub>	(hr)	1.3E+0	D
B	(-)	1.4E-1	D
<b>Regulatory Standards</b>			
MCL	(mg/L)	7.0E-1	*
TWA	(mg/m <sup>3</sup> )	4.4E+2	OS
SWQC	(mg/L)	-	-
Br.Abg	(-)	-	-
Br.bg	(-)	-	-
<b>Miscellaneous Parameters</b>			
ADL <sub>gw</sub>	(mg/L)	2.0E-3	S
ADL <sub>s</sub>	(mg/kg)	5.0E-3	S
t <sub>1/2,air</sub>	(d)	2.3E+2	H
t <sub>1/2,soil</sub>	(d)	2.3E+2	H

Units Value		
<b>Derived Parameters</b>		
H	(L-wat/L-air)	3.3E-1
K <sub>ow</sub>	(L-wat/kg-soil)	4.6E-1
C <sub>soil</sub>	(mg/kg-soil)	3.6E+2
C <sub>soil,soil</sub>	(µg/m <sup>3</sup> -air)	5.5E+7
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec)	1.1E-2
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec)	5.9E-3
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec)	1.6E-5
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec)	8.9E-4
R <sub>soil</sub>	(-)	-
R <sub>soil</sub>	(-)	-
Z	(cm/event)	2.7E-1

Notes: 1) NA = Not applicable; NC = Not calculated.  
 2) Definitions and references presented on page 10 of 10.

**RBCA SITE ASSESSMENT**

**Chemical-Specific Tier 2 Cleanup Summary**

Site Name: Lewis Brothers Garage

Completed By: PA Tectonics

Job ID:

Site Location: Jarrow Residence

Date Completed: 26-Oct-10

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Constituent: **Cumene**

CAS No.: 98-82-8

Site-Specific Target Level (SSTL) Concentrations			
	On-site	Off-site1	Off-site2
<b>Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Surface Soil Ingestion and Dermal Contact</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>ss</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
RBEL <sub>air</sub> THQ = 1E+0	NA	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NA	NA	NA
<b>Soil Volatilization/Particulates to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Groundwater Volatilization to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	Residential / 0	None	None
RBEL <sub>air</sub> THQ = 1E+0	4.2E+2	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NC	NA	NA
<b>Soil Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>s</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Groundwater Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA

Units Residential Commercial Construction			
<b>Cross-Media Transfer Factors</b>			
VF <sub>ss</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub> (m <sup>3</sup> -wat/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub> (m <sup>3</sup> -wat/m <sup>3</sup> -air)	2.7E-2	NA	NA
LF (kg-soil/L-wat)	NA		NA

Units On-Site Off-Site1 Off-Site2			
<b>Lateral Transport Factors</b>			
DAF <sub>gw</sub> (-)	NA	NA	NA
DAF <sub>s/gw</sub> (-)	NA	NA	NA

Chemical Parameters			
	Units	Value	Reference
<b>Physical Properties</b>			
MW (g/mol)		1.2E+2	TX08
Sol (mg/L)		5.0E+1	TX08
P <sub>vap</sub> (mmHg)		4.6E+0	TX08
H <sub>vol</sub> (atm-m <sup>3</sup> /mol)		6.1E-1	TX08
log(K <sub>ow</sub> ) (log(L/kg))		3.5E+0	TX08
log(K <sub>oc</sub> ) (log(L/kg))		3.4E+0	TX08
D <sub>air</sub> (cm <sup>2</sup> /sec)		6.5E-2	TX08
D <sub>soil</sub> (cm <sup>2</sup> /sec)		7.1E-6	TX08
<b>Toxicity Data</b>			
SF <sub>d</sub> (1/[mg/kg/day])		-	-
SF <sub>s</sub> (1/[mg/kg/day])		-	-
URF <sub>i</sub> (1/[µg/m <sup>3</sup> ])		-	-
RI <sub>D<sub>o</sub></sub> (mg/kg/day)		1.0E-1	EPA-I
RI <sub>D<sub>s</sub></sub> (mg/kg/day)		1.0E-1	D2
RI <sub>C<sub>i</sub></sub> (mg/m <sup>3</sup> )		4.0E-1	EPA-I
BCF (-)		2.5E+2	LY
RBAF (-)		1.0E+0	TX08
half_life_sat (d)		1.6E+1	H
half_life_uns (d)		1.6E+1	H
<b>Dermal Exposure Parameters</b>			
RAF <sub>d</sub> (-)		0.0E+0	TX08
abs_d (-)		0.0E+0	TX08
abs_g (-)		8.0E-1	TX08
K <sub>p</sub> (cm/hr)		-	-
tau <sub>sk</sub> (hr/event)		-	-
t <sub>cut</sub> (hr)		-	-
B (-)		-	-
<b>Regulatory Standards</b>			
MCL (mg/L)		-	*
TWA (mg/m <sup>3</sup> )		2.5E+2	OS
SWQC (mg/L)		-	-
Br.Abg (-)		-	-
Br.bg (-)		-	-
<b>Miscellaneous Parameters</b>			
ADL <sub>gw</sub> (mg/L)		-	-
ADL <sub>s</sub> (mg/kg)		-	-
t <sub>1/2,sk</sub> (d)		1.6E+1	H
t <sub>1/2,unsk</sub> (d)		1.6E+1	H

Units		Value
<b>Derived Parameters</b>		
H (L-wat/L-air)		6.1E-1
K <sub>ow</sub> (L-wat/kg-soil)		2.9E-2
C <sub>soil</sub> (mg/kg-soil)		1.7E+3
C <sub>soil,wat</sub> (µg/m <sup>3</sup> -air)		3.0E+7
D <sub>soil</sub> (cm <sup>2</sup> /sec)		9.6E-3
D <sub>soil,sk</sub> (cm <sup>2</sup> /sec)		5.1E-3
D <sub>soil,soil</sub> (cm <sup>2</sup> /sec)		1.2E-5
D <sub>soil,wat</sub> (cm <sup>2</sup> /sec)		6.7E-4
R <sub>soil</sub> (-)		-
R <sub>unsk</sub> (-)		-
Z (cm/event)		-

Notes: 1) NA = Not applicable; NC = Not calculated.  
 2) Definitions and references presented on page 10 of 10.

**RBCA SITE ASSESSMENT**

**Chemical-Specific Tier 2 Cleanup Summary**

Site Name: Lewis Brothers Garage

Completed By: PA Tectonics

Job ID:

Site Location: Jarrow Residence

Date Completed: 26-Oct-10

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Constituent: Toluene CAS No.: 108-88-3

Site-Specific Target Level (SSTL) Concentrations			
	On-site	Off-site1	Off-site2
<b>Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Surface Soil Ingestion and Dermal Contact</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>ss</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
RBEL <sub>air</sub> THQ = 1E+0	NA	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NA	NA	NA
<b>Soil Volatilization/Particulates to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Groundwater Volatilization to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	Residential / 0	None	None
RBEL <sub>air</sub> THQ = 1E+0	5.2E+3	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NC	NA	NA
<b>Soil Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>s</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Groundwater Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA

Cross-Media Transfer Factors				
Units	Residential	Commercial	Construction	
VF <sub>ss</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA	NA
VF <sub>soil</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA	NA
VF <sub>wat</sub> (m <sup>3</sup> -wat/m <sup>3</sup> -air)	NA	NA	NA	NA
VF <sub>soil</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA	NA
VF <sub>wat</sub> (m <sup>3</sup> -wat/m <sup>3</sup> -air)	1.9E-2	NA	NA	NA
LF (kg-soil/L-wat)	NA			NA

Lateral Transport Factors				
Units	On-Site	Off-Site1	Off-Site2	
DAF <sub>gw</sub> (-)	NA	NA	NA	NA
DAF <sub>s/gw</sub> (-)	NA	NA	NA	NA

Chemical Parameters			
	Units	Value	Reference
<b>Physical Properties</b>			
MW (g/mol)		9.2E+1	TX08
Sol (mg/L)		5.3E+2	TX08
P <sub>vap</sub> (mmHg)		2.8E+1	TX08
H <sub>vol</sub> (atm-m <sup>3</sup> /mol)		2.8E-1	TX08
log(K <sub>ow</sub> ) (log(L/kg))		2.1E+0	TX08
log(K <sub>oc</sub> ) (log(L/kg))		2.5E+0	TX08
D <sub>air</sub> (cm <sup>2</sup> /sec)		8.7E-2	TX08
D <sub>soil</sub> (cm <sup>2</sup> /sec)		8.6E-6	TX08
<b>Toxicity Data</b>			
SF <sub>3</sub> (1/(mg/kg/day))		-	-
SF <sub>3</sub> (1/(mg/kg/day))		-	-
URF <sub>1</sub> (1/(µg/m <sup>3</sup> ))		-	-
RID <sub>0</sub> (mg/kg/day)		8.0E-2	EPA-1
RID <sub>6</sub> (mg/kg/day)		8.0E-2	D2
RI <sub>C</sub> (mg/m <sup>3</sup> )		5.0E+0	EPA-1
BCF (-)		7.0E+1	LY
RBAF (-)		1.0E+0	TX08
half_life_sat (d)		2.8E+1	H
half_life_uns (d)		2.8E+1	H
<b>Dermal Exposure Parameters</b>			
RAF <sub>d</sub> (-)		0.0E+0	TX08
abs.d (-)		0.0E+0	TX08
abs.g (-)		8.0E-1	TX08
K <sub>o</sub> (cm/hr)		4.5E-2	D
tau <sub>soil</sub> (hr/event)		3.2E-1	D
t <sub>soil</sub> (hr)		7.7E-1	D
B (-)		5.4E-2	D
<b>Regulatory Standards</b>			
MCL (mg/L)		1.0E+0	*
TWA (mg/m <sup>3</sup> )		7.5E+2	OS
SWQC (mg/L)		-	-
Br.Abg (-)		-	-
Br.bg (-)		-	-
<b>Miscellaneous Parameters</b>			
ADL <sub>gw</sub> (mg/L)		2.0E-3	S
ADL <sub>s</sub> (mg/kg)		5.0E-3	S
t <sub>1/2,air</sub> (d)		2.8E+1	H
t <sub>1/2,soil</sub> (d)		2.8E+1	H

Derived Parameters		
	Units	Value
H (L-wat/L-air)		2.8E-1
K <sub>ow</sub> (L-wat/kg-soil)		6.7E-1
C <sub>soil</sub> (mg/kg-soil)		8.0E+2
C <sub>soil,vol</sub> (µg/m <sup>3</sup> -air)		1.4E+8
D <sub>soil</sub> (cm <sup>2</sup> /sec)		1.3E-2
D <sub>soil,org</sub> (cm <sup>2</sup> /sec)		6.8E-3
D <sub>soil,inp</sub> (cm <sup>2</sup> /sec)		1.9E-5
D <sub>soil,vol</sub> (cm <sup>2</sup> /sec)		1.1E-3
R <sub>soil</sub> (-)		
R <sub>soil</sub> (-)		
Z (cm/event)		1.6E-1

Notes: 1) NA = Not applicable; NC = Not calculated.  
2) Definitions and references presented on page 10 of 10.

**RBCA SITE ASSESSMENT**

**Chemical-Specific Tier 2 Cleanup Summary**

Site Name: Lewis Brothers Garage

Completed By: PA Tectonics

Job ID:

Site Location: Jarrow Residence

Date Completed: 26-Oct-10

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Constituent: **Naphthalene** CAS No.: 91-20-3

Site-Specific Target Level (SSTL) Concentrations			
	On-site	Off-site1	Off-site2
<b>Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Surface Soil Ingestion and Dermal Contact</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>ss</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
RBEL <sub>air</sub> THQ = 1E+0	NA	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NA	NA	NA
<b>Soil Volatilization/Particulates to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Groundwater Volatilization to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	Residential / 0	None	None
RBEL <sub>air</sub> THQ = 1E+0	3.1E+0	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NC	NA	NA
<b>Soil Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>s</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Groundwater Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA

Units Residential Commercial Construction				
<b>Cross-Media Transfer Factors</b>				
VF <sub>so</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soib</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>watib</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soep</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>watep</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	3.9E-3	NA	NA
LF	(kg-soil/L-wat)	NA		

Units On-Site Off-Site1 Off-Site2				
<b>Lateral Transport Factors</b>				
DAF <sub>gw</sub>	(-)	NA	NA	NA
DAF <sub>s/gw</sub>	(-)	NA	NA	NA

Chemical Parameters			
	Units	Value	Reference
<b>Physical Properties</b>			
MW	(g/mol)	1.3E+2	TX08
Sol	(mg/L)	3.1E+1	TX08
P <sub>vap</sub>	(mmHg)	8.9E-2	TX08
H <sub>vol</sub>	(atm-m <sup>3</sup> /mol)	2.0E-2	TX08
log(K <sub>ow</sub> )	(log(L/kg))	3.2E+0	TX08
log(K <sub>oc</sub> )	(log(L/kg))	3.2E+0	TX08
D <sub>air</sub>	(cm <sup>2</sup> /sec)	5.9E-2	TX08
D <sub>soil</sub>	(cm <sup>2</sup> /sec)	7.5E-6	TX08
<b>Toxicity Data</b>			
SF <sub>0</sub>	(1/(mg/kg/day))	-	-
SF <sub>3</sub>	(1/(mg/kg/day))	-	-
URF <sub>1</sub>	(1/(µg/m <sup>3</sup> ))	-	-
RI <sub>D0</sub>	(mg/kg/day)	2.0E-2	EPA-1
RI <sub>D3</sub>	(mg/kg/day)	2.0E-2	D2
RI <sub>C1</sub>	(mg/m <sup>3</sup> )	3.0E-3	EPA-1
BCF	(-)	4.3E+2	LY
RBAF	(-)	1.0E+0	TX08
half_life_sat	(d)	2.6E+2	H
half_life_uns	(d)	2.6E+2	H
<b>Dermal Exposure Parameters</b>			
RAF <sub>d</sub>	(-)	1.5E-1	TX08
abs <sub>d</sub>	(-)	1.3E-1	TX08
abs <sub>g</sub>	(-)	8.9E-1	TX08
K <sub>o</sub>	(cm/hr)	6.9E-2	D
tau <sub>so</sub>	(hr/event)	5.3E-1	D
t <sub>so</sub>	(hr)	2.2E+0	D
B	(-)	2.0E-1	D
<b>Regulatory Standards</b>			
MCL	(mg/L)	-	*
TWA	(mg/m <sup>3</sup> )	5.0E+1	OS
SWQC	(mg/L)	-	-
Br <sub>Abg</sub>	(-)	-	-
Br <sub>bg</sub>	(-)	-	-
<b>Miscellaneous Parameters</b>			
ADL <sub>gw</sub>	(mg/L)	1.0E-2	S2
ADL <sub>s</sub>	(mg/kg)	1.0E-2	S2
t <sub>1/2,soil</sub>	(d)	2.6E+2	H
t <sub>1/2,unsoil</sub>	(d)	2.6E+2	H

Units Value	
<b>Derived Parameters</b>	
H	(L-wat/L-air) 2.0E-2
K <sub>ow</sub>	(L-wat/kg-soil) 6.4E-2
C <sub>soil</sub>	(mg/kg-soil) 4.9E+2
C <sub>soil,soil</sub>	(µg/m <sup>3</sup> -air) 6.2E+5
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec) 8.7E-3
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec) 4.6E-3
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec) 8.9E-5
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec) 3.4E-3
R <sub>soil</sub>	(-)
R <sub>unsoil</sub>	(-)
Z	(cm/event) 2.7E-1

Notes: 1) NA = Not applicable; NC = Not calculated.  
2) Definitions and references presented on page 10 of 10.



**RBCA SITE ASSESSMENT**

**Chemical-Specific Tier 2 Cleanup Summary**

Site Name: Lewis Brothers Garage

Completed By: PA Tectonics

Job ID:

Site Location: Jarrow Residence

Date Completed: 26-Oct-10

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Constituent: Xylenes (mixed isomers) CAS No.: 1330-20-7

Site-Specific Target Level (SSTL) Concentrations			
	On-site	Off-site1	Off-site2
<b>Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Surface Soil Ingestion and Dermal Contact</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>ss</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
RBEL <sub>air</sub> THQ = 1E+0	NA	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NA	NA	NA
<b>Soil Volatilization/Particulates to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Groundwater Volatilization to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	Residential / 0	None	None
RBEL <sub>air</sub> THQ = 1E+0	1.0E+2	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NC	NA	NA
<b>Soil Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>s</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Groundwater Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA

Units Residential Commercial Construction				
<b>Cross-Media Transfer Factors</b>				
VF <sub>so</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soib</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>watib</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soep</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>watep</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	1.8E-2	NA	NA
LF	(kg-soil/L-wat)	NA		

Units On-Site Off-Site1 Off-Site2				
<b>Lateral Transport Factors</b>				
DAF <sub>gw</sub>	(-)	NA	NA	NA
DAF <sub>s/gw</sub>	(-)	NA	NA	NA

Chemical Parameters			
	Units	Value	Reference
<b>Physical Properties</b>			
MW	(g/mol)	1.1E+2	TX08
Sol	(mg/L)	2.0E+2	TX08
P <sub>vap</sub>	(mmHg)	8.1E+0	TX08
H <sub>vol</sub>	(atm-m <sup>3</sup> /mol)	2.9E-1	TX08
log(K <sub>ow</sub> )	(log(L/kg))	2.4E+0	TX08
log(K <sub>oc</sub> )	(log(L/kg))	3.1E+0	TX08
D <sub>air</sub>	(cm <sup>2</sup> /sec)	7.4E-2	TX08
D <sub>soil</sub>	(cm <sup>2</sup> /sec)	8.5E-6	TX08
<b>Toxicity Data</b>			
SF <sub>3</sub>	(1/(mg/kg/day))	-	-
SF <sub>3</sub>	(1/(mg/kg/day))	-	-
URF <sub>1</sub>	(1/(µg/m <sup>3</sup> ))	-	-
RID <sub>0</sub>	(mg/kg/day)	2.0E-1	EPA-I
RID <sub>6</sub>	(mg/kg/day)	2.0E-1	D2
RfC <sub>1</sub>	(mg/m <sup>3</sup> )	1.0E-1	EPA-I
BCF	(-)	1.3E+2	LY
RBAF	(-)	1.0E+0	TX08
half_life_sat	(d)	3.6E+2	H
half_life_uns	(d)	3.6E+2	H
<b>Dermal Exposure Parameters</b>			
RAF <sub>d</sub>	(-)	0.0E+0	TX08
abs_d	(-)	0.0E+0	TX08
abs_g	(-)	9.2E-1	TX08
K <sub>o</sub>	(cm/hr)	8.0E-2	D
tau <sub>so</sub>	(hr/event)	3.9E-1	D
t <sub>so</sub>	(hr)	1.4E+0	D
B	(-)	1.6E-1	D
<b>Regulatory Standards</b>			
MCL	(mg/L)	1.0E+1	*
TWA	(mg/m <sup>3</sup> )	4.4E+2	OS
SWQC	(mg/L)	-	-
Br.Abg	(-)	-	-
Br.bg	(-)	-	-
<b>Miscellaneous Parameters</b>			
ADL <sub>gw</sub>	(mg/L)	5.0E-3	S
ADL <sub>s</sub>	(mg/kg)	5.0E-3	S
t <sub>1/2,air</sub>	(d)	3.6E+2	H
t <sub>1/2,soil</sub>	(d)	3.6E+2	H

Units Value		
<b>Derived Parameters</b>		
H	(L-wat/L-air)	2.9E-1
K <sub>ow</sub>	(L-wat/kg-soil)	4.0E-1
C <sub>soil</sub>	(mg/kg-soil)	5.0E+2
C <sub>soil,soil</sub>	(µg/m <sup>3</sup> -air)	4.6E+7
D <sub>soil</sub>	(cm <sup>2</sup> /sec)	1.1E-2
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec)	5.8E-3
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec)	1.7E-5
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec)	9.4E-4
R <sub>soil</sub>	(-)	
R <sub>soil</sub>	(-)	
Z	(cm/event)	2.9E-1

Notes: 1) NA = Not applicable; NC = Not calculated.  
2) Definitions and references presented on page 10 of 10.

**RBCA SITE ASSESSMENT**

**Chemical-Specific Tier 2 Cleanup Summary**

Site Name: Lewis Brothers Garage

Completed By: PA Tectonics

Job ID:

Site Location: Jarrow Residence

Date Completed: 26-Oct-10

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Constituent: Trimethylbenzene, 1,3,5- CAS No.: 108-67-8

Site-Specific Target Level (SSTL) Concentrations			
	On-site	Off-site1	Off-site2
<b>Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Surface Soil Ingestion and Dermal Contact</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>ss</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
RBEL <sub>air</sub> THQ = 1E+0	NA	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NA	NA	NA
<b>Soil Volatilization/Particulates to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Groundwater Volatilization to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	Residential / 0	None	None
RBEL <sub>air</sub> THQ = 1E+0	6.3E+0	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NC	NA	NA
<b>Soil Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>s</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Groundwater Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA

Units Residential Commercial Construction				
<b>Cross-Media Transfer Factors</b>				
VF <sub>ss</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub>	(kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub>	(m <sup>3</sup> -wat/m <sup>3</sup> -air)	1.4E-2	NA	NA
LF	(kg-soil/L-wat)	NA		NA

Units On-Site Off-Site1 Off-Site2				
<b>Lateral Transport Factors</b>				
DAF <sub>gw</sub>	(-)	NA	NA	NA
DAF <sub>s/gw</sub>	(-)	NA	NA	NA

Chemical Parameters			
	Units	Value	Reference
<b>Physical Properties</b>			
MW	(g/mol)	1.2E+2	TX08
Sol	(mg/L)	5.1E+1	TX08
P <sub>vap</sub>	(mmHg)	2.1E+0	TX08
H <sub>vol</sub>	(atm-m <sup>3</sup> /mol)	2.7E-1	TX08
log(K <sub>ow</sub> )	(log(L/kg))	3.0E+0	TX08
log(K <sub>oc</sub> )	(log(L/kg))	3.7E+0	TX08
D <sub>air</sub>	(cm <sup>2</sup> /sec)	6.2E-2	TX08
D <sub>soil</sub>	(cm <sup>2</sup> /sec)	7.2E-6	TX08
<b>Toxicity Data</b>			
SF <sub>0</sub>	(1/[mg/kg/day])	-	-
SF <sub>3</sub>	(1/[mg/kg/day])	-	-
URF <sub>1</sub>	(1/[µg/m <sup>3</sup> ])	-	-
RI <sub>D0</sub>	(mg/kg/day)	5.0E-2	EPA-N
RI <sub>D3</sub>	(mg/kg/day)	5.0E-2	D2
RI <sub>C1</sub>	(mg/m <sup>3</sup> )	6.0E-3	EPA-I
BCF	(-)	3.8E+2	LY
RBAF	(-)	1.0E+0	TX08
half_life_sat	(d)	-	-
half_life_uns	(d)	-	-
<b>Dermal Exposure Parameters</b>			
RAF <sub>d</sub>	(-)	0.0E+0	TX08
abs.d	(-)	0.0E+0	TX08
abs.g	(-)	8.0E-1	TX08
K <sub>p</sub>	(cm/hr)	-	-
tau <sub>0.5</sub>	(hr/event)	-	-
t <sub>cut</sub>	(hr)	-	-
B	(-)	-	-
<b>Regulatory Standards</b>			
MCL	(mg/L)	-	*
TWA	(mg/m <sup>3</sup> )	-	-
SWQC	(mg/L)	-	-
Br.Abg	(-)	-	-
Br.bg	(-)	-	-
<b>Miscellaneous Parameters</b>			
ADL <sub>gw</sub>	(mg/L)	-	-
ADL <sub>s</sub>	(mg/kg)	-	-
t <sub>1/2,soil</sub>	(d)	-	-
t <sub>1/2,unsoil</sub>	(d)	-	-

Units		Value
<b>Derived Parameters</b>		
H	(L-wat/L-air)	2.7E-1
K <sub>ow</sub>	(L-wat/kg-soil)	9.7E-2
C <sub>soil</sub>	(mg/kg-soil)	5.3E+2
C <sub>soil,wat</sub>	(µg/m <sup>3</sup> -air)	1.4E+7
D <sub>soil</sub>	(cm <sup>2</sup> /sec)	9.2E-3
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec)	4.8E-3
D <sub>soil,wat</sub>	(cm <sup>2</sup> /sec)	1.5E-5
D <sub>soil,soil</sub>	(cm <sup>2</sup> /sec)	8.1E-4
R <sub>soil</sub>	(-)	-
R <sub>unsoil</sub>	(-)	-
Z	(cm/event)	-

Notes: 1) NA = Not applicable; NC = Not calculated.  
 2) Definitions and references presented on page 10 of 10.

**RBCA SITE ASSESSMENT**

**Chemical-Specific Tier 2 Cleanup Summary**

Site Name: Lewis Brothers Garage

Completed By: PA Tectonics

Job ID:

Site Location: Jarrow Residence

Date Completed: 26-Oct-10

9 of 11

Constituent: Trimethylbenzene, 1,2,4- CAS No.: 95-63-6

Site-Specific Target Level (SSTL) Concentrations			
	On-site	Off-site1	Off-site2
<b>Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater Ingestion</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Surface Soil Ingestion and Dermal Contact</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>ss</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
RBEL <sub>air</sub> THQ = 1E+0	NA	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NA	NA	NA
<b>Soil Volatilization/Particulates to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>s</sub> THQ = 1E+0	NA	NA	NA
(mg/kg) TR = 1E-5	NA	NA	NA
<b>Groundwater Volatilization to Outdoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	Residential / 0	None	None
RBEL <sub>air</sub> THQ = 1E+0	7.3E+0	NA	NA
(µg/m <sup>3</sup> ) TR = 1E-5	NC	NA	NA
<b>Soil Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	No Off-site Receptors	
SSTL <sub>s</sub> THQ = 1E+0	NA		
(mg/kg) TR = 1E-5	NA		
<b>Groundwater Volatilization to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA
<b>Soil Leaching to Groundwater to Indoor Air Inhalation</b>			
Receptor Type / Distance (ft)	None	None	None
SSTL <sub>gw</sub> THQ = 1E+0	NA	NA	NA
(mg/L) TR = 1E-5	NA	NA	NA

Units Residential Commercial Construction			
<b>Cross-Media Transfer Factors</b>			
VF <sub>ss</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub> (m <sup>3</sup> -wat/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>soil</sub> (kg-soil/m <sup>3</sup> -air)	NA	NA	NA
VF <sub>wat</sub> (m <sup>3</sup> -wat/m <sup>3</sup> -air)	1.1E-2	NA	NA
LF (kg-soil/L-wat)		NA	NA

Units On-Site Off-Site1 Off-Site2			
<b>Lateral Transport Factors</b>			
DAF <sub>gw</sub> (-)	NA	NA	NA
DAF <sub>s/gw</sub> (-)	NA	NA	NA

Chemical Parameters			
	Units	Value	Reference
<b>Physical Properties</b>			
MW (g/mol)		1.2E+2	TX08
Sol (mg/L)		5.7E+1	TX08
P <sub>vap</sub> (mmHg)		1.6E+0	TX08
H <sub>vol</sub> (atm-m <sup>3</sup> /mol)		1.8E-1	TX08
log(K <sub>ow</sub> ) (log(L/kg))		3.0E+0	TX08
log(K <sub>oc</sub> ) (log(L/kg))		3.7E+0	TX08
D <sub>air</sub> (cm <sup>2</sup> /sec)		6.2E-2	TX08
D <sub>soil</sub> (cm <sup>2</sup> /sec)		7.3E-6	TX08
<b>Toxicity Data</b>			
SF <sub>0</sub> (1/(mg/kg/day))		-	-
SF <sub>3</sub> (1/(mg/kg/day))		-	-
URF <sub>1</sub> (1/(µg/m <sup>3</sup> ))		-	-
RI <sub>D0</sub> (mg/kg/day)		5.0E-2	TX08
RI <sub>D3</sub> (mg/kg/day)		5.0E-2	D2
RI <sub>C1</sub> (mg/m <sup>3</sup> )		7.0E-3	TX08
BCF (-)		3.5E+2	LY
RBAF (-)		1.0E+0	TX08
half_life_sat (d)		5.6E+1	H
half_life_uns (d)		5.6E+1	H
<b>Dermal Exposure Parameters</b>			
RAF <sub>d</sub> (-)		0.0E+0	TX08
abs <sub>d</sub> (-)		0.0E+0	TX08
abs <sub>g</sub> (-)		8.0E-1	TX08
K <sub>g</sub> (cm/hr)		-	-
tau <sub>g</sub> (hr/event)		-	-
t <sub>cut</sub> (hr)		-	-
B (-)		-	-
<b>Regulatory Standards</b>			
MCL (mg/L)		-	*
TWA (mg/m <sup>3</sup> )		-	-
SWQC (mg/L)		-	-
Br <sub>Abg</sub> (-)		-	-
Br <sub>bg</sub> (-)		-	-
<b>Miscellaneous Parameters</b>			
ADL <sub>gw</sub> (mg/L)		-	-
ADL <sub>s</sub> (mg/kg)		-	-
t <sub>1/2,sk</sub> (d)		5.6E+1	H
t <sub>1/2,unst</sub> (d)		5.6E+1	H

Units		Value
<b>Derived Parameters</b>		
H (L-wat/L-air)		1.8E-1
K <sub>ow</sub> (L-wat/kg-soil)		1.1E-1
C <sub>soil</sub> (mg/kg-soil)		5.3E+2
C <sub>soil,wat</sub> (µg/m <sup>3</sup> -air)		1.0E+7
D <sub>soil</sub> (cm <sup>2</sup> /sec)		9.2E-3
D <sub>soil,sk</sub> (cm <sup>2</sup> /sec)		4.9E-3
D <sub>soil,org</sub> (cm <sup>2</sup> /sec)		1.7E-5
D <sub>soil,org</sub> (cm <sup>2</sup> /sec)		9.5E-4
R <sub>soil</sub> (-)		-
R <sub>unst</sub> (-)		-
Z (cm/event)		-

Notes: 1) NA = Not applicable; NC = Not calculated.  
 2) Definitions and references presented on page 10 of 10.

APPENDIX II

PNDI Project Environmental Review Receipt

# 1. PROJECT INFORMATION

Project Name: **Lewis Brothers Garage**

Date of review: **4/8/2013 3:29:38 PM**

Project Category: **Hazardous Waste Clean-up, Site Remediation, and Reclamation, Spill (e.g., oil, chemical)**

Project Area: **N/A**

County: **Lackawanna** Township/Municipality: **Scott**

Quadrangle Name: **SCRANTON** ~ ZIP Code: **18447**

Decimal Degrees: **41.49932 N, -75.62872 W**

Degrees Minutes Seconds: **41° 29' 57 N, W**



# 2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

### 3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

#### PA Game Commission

**RESPONSE:** No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### PA Department of Conservation and Natural Resources

**RESPONSE:** No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### PA Fish and Boat Commission

**RESPONSE:** No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### U.S. Fish and Wildlife Service

**RESPONSE:** No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

### 4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. For cases where a "Potential Impact" to threatened and endangered species has been identified before the application has been submitted to DEP, the application should not be submitted until the impact has been resolved. For cases where "Potential Impact" to special concern species and resources has been identified before the application has been submitted, the application should be submitted to DEP along with the PNDI receipt. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. DEP and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <http://www.naturalheritage.state.pa.us>.

### 5. ADDITIONAL INFORMATION

The PNDI environmental review website is a **preliminary** screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page ([www.naturalheritage.state.pa.us](http://www.naturalheritage.state.pa.us)). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

### 6. AGENCY CONTACT INFORMATION

#### PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section  
400 Market Street, PO Box 8552, Harrisburg, PA.  
17105-8552  
Fax:(717) 772-0271

#### U.S. Fish and Wildlife Service

Endangered Species Section  
315 South Allen Street, Suite 322, State College, PA.  
16801-4851  
NO Faxes Please.

#### PA Fish and Boat Commission

Division of Environmental Services  
450 Robinson Lane, Bellefonte, PA. 16823-7437  
NO Faxes Please

#### PA Game Commission

Bureau of Wildlife Habitat Management  
Division of Environmental Planning and Habitat Protection  
2001 Elmerton Avenue, Harrisburg, PA. 17110-9797  
Fax:(717) 787-6957

### 7. PROJECT CONTACT INFORMATION

Name: \_\_\_\_\_  
Company/Business Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone:(\_\_\_\_\_) \_\_\_\_\_ Fax:(\_\_\_\_\_) \_\_\_\_\_  
Email: \_\_\_\_\_

### 8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

\_\_\_\_\_ date  
applicant/project proponent signature

## APPENDIX JJ

### Summary of Water Usage Information



Table JJ-1  
Lewis Brothers Garage Property  
Summary of Water Usage Information

Map ID	PN #	Owner	Address	Book / Page	Within 1,000'	Private Well	Sampled	POET System	Field Observation	Assessor's Comment
0	0920400017	Lewis, John P. & Ruth	391 Justus Boulevard, Scott Township, PA	2007 / 17435	Yes	Yes	Yes	Yes	Subject Property	Single Dwelling (?)
1	0920400029	Backs, Frank III	39 Doris Road, Scott Township, PA	05107/0666	No	Yes	Yes	No	Residence	Single Dwelling
2	0920400006	Binner, John & Arlene	39 Green Grove Road, Scott Township, PA	NL	Yes	Yes	Yes	No	Residence	Single Dwelling
3	0920400017	Bobar, William & Mary	5 Hermel Street, Scott Township, PA	1045/0668	Yes	Yes	Yes	Yes	Residence	---
4	0920400011	Borna, Frank	RR #1 Box 555	---	No	Yes	Yes	No	Borna's Body Shop	---
5	9204001101	Borna, Frank	RR #1 Box 556	---	No	Yes	Yes	No	Residence	---
6	0920400007	Braigikowski, Paul & Diane C.	57 Green Grove Road, Scott Township, PA	2015-05116	Yes	Yes	Yes	No	Residence	Single Dwelling / Formerly Borna Property
7	0920400014	Bolan, Joseph M. & Mary Claire	10 Hermel Street, Scott Township, PA	1162/10030	Yes	Yes	Yes	No	Residence	---
8	09204010002	Bias, Sinae	RR #2 Box 834	---	No	Yes	Yes	No	Residence	---
9	0920400012	Bright, Beverly	306 Justus Boulevard, Scott Township, PA	1162/10053	Yes	Yes	Yes	Yes	Residence	---
10	0920400002	Brosler, William F. & Lon F.	302 Justus Boulevard, Scott Township, PA	1199/10016	Yes	Yes	Yes	Yes	Residence	Single Dwelling
11	09204010028	Desario, Shirley Fenwick	312 Justus Boulevard, Scott Township, PA	NL	No	Yes	Yes	No	Residence	---
12	09204040008	Hayman, Dennis J.	83 Green Grove Road, Scott Township, PA	2013-16636	Yes	Yes	Yes	No	Residence	Single Dwelling / Formerly Edwards Property
13	09204000007	Empo, Daniel & Cynthia	41 Hermel Street, Scott Township, PA	0744/0050	No	Yes	Yes	No	Residence	Single Dwelling
14	09204000006	Empo, Daniel & Cynthia	224 Hermel Street, Oliphant, PA	0744/0053	No	Yes	Yes	No	Residence	Vacant Lot
15	09204000004	Empo, Daniel & Cynthia	224 Hermel Street, Oliphant, PA	0270/0264	No	Yes	Yes	No	Residence	Single Dwelling
16	08024790097	Fryzel, Richard E.	310 Justus Boulevard, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	Single Dwelling
17	092000001103	Galis, James	87 Sylvan Acres Lane, Scott Township, PA	1216-0408	No	Yes	Yes	No	Residence	Single Dwelling
18	09204010004	Gotzak, Ronald & Kathy	839 Justus Boulevard, Scott Township, PA	2014-15776	No	Yes	Yes	No	Residence	Single Dwelling
19	09204000007	Hagins, Michael J.	307 Hilltop Drive, Oliphant, PA	0276/0388	Yes	No	No	No	Vacant Lot	---
19	09204000003	Hagins, Michael J. & Rosanne M.	36 Hilltop Drive, Scott Township, PA	0276/0388	Yes	No	No	No	Vacant Lot	Vacant Lot
19	09204000003	Hagins, Michael J. & Rosanne M.	36 Hilltop Drive, Scott Township, PA	0276/0389	Yes	Yes	Yes	No	Residence	---
19	09204000005	Hagins, Michael J. & Rosanne M.	36 Hilltop Drive, Scott Township, PA	0276/0383	Yes	Yes	Yes	No	Residence	Vacant Lot
20	09204040014	Hvhracoff, Mary	313 Justus Boulevard, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	---
20	09204040013	Hvhracoff, Joseph & Mary	313 Justus Boulevard, Scott Township, PA	0857/0464	Yes	Yes	Yes	Yes	Residence	---
21	09204040015	Jamoy, Amy (Now Jones, Ashley)	399 Justus Boulevard, Scott Township, PA	2005 / 20646	Yes	Yes	Yes	No	Residence	Three Parcels: 14,660 sf, 5,246 sf, 10,710 sf
22	09204000019	Jones, Kevin M. & Renee M.	13 Hermel Street, Scott Township, PA	0869/0224	Yes	Yes	Yes	No	Residence	Single Dwelling
23	09200000013	Judge, James & Patricia A.	5 Sylvan Acres Lane, Scott Township, PA	NL	No	Yes	Yes	No	Residence	---
24	09204000011	Kalinsowski, Leonard & Karen	344 Justus Boulevard, Scott Township, PA	1292/10532	Yes	Yes	Yes	Yes	Residence	Single Dwelling
25	09204000002	Kasulka, Robert P.	11 Doris Road, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	---
26	09204000018	King, Howard & Elaine	3 Hermel Street, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	---
27	09204000015	Kirschfeld, Joseph A.	RR #2 Box 83, Oliphant, PA	0904/0767	Yes	Yes	Yes	No	Residence	---
28	09204000030	Kowack, Jeffrey S.	76 Hermel Street, Scott Township, PA	1601/0266	Yes	Yes	Yes	No	Residence	Single Dwelling
28	09204000021	Kowack, Jeffrey S.	76 Hermel Street, Scott Township, PA	1601/0266	Yes	No	No	No	Vacant Lot	Vacant Lot
29	092040000101	Kowalski, Joseph S. & Karen A.	304 Justus Boulevard, Scott Township, PA	1527/0489	Yes	Yes	Yes	Yes	Residence	Single Dwelling
30	09204000003	Kowalski, Robert	9 Hilltop Drive, Scott Township, PA	1360/0787	Yes	Yes	Yes	Yes	Residence	Single Dwelling
31	09204000013	Kropawicki, Robert & Renate	14 Hermel Street, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	---
32	09204000001	Kuba, Jan	RR #2 Box 53A, Oliphant, PA	2006/06396	Yes	Yes	Yes	No	Residence	Single Dwelling
33	09204000011	Kuzniak, Michael & Amelia	39 Hermel Street, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	---
34	09204010013	Kuzniak, Rose Ann	350 Justus Boulevard, Scott Township, PA	2011-21644	Yes	Yes	Yes	No	Residence	Single Dwelling
35	09204000005	Kwaka, Joseph & Bernadine	13 Hilltop Drive, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	---
36	09204040016	Peregrin, Robin L. & Walter	399 Justus Boulevard, Scott Township, PA	2015-11074	Yes	Yes	Yes	Yes	Lewis Homestead	Single Dwelling - 7.1 Acres
37	09204040016	Peregrin, Robin L. & Walter	116 Johnson Road, Clarks Summit, PA 18411	2008/00446	Yes	Yes	Yes	No	Lewis Barn Well	---
38	09204010010	Stephens, Jeffery	356 Justus Boulevard, Scott Township, PA	1334/0197	Yes	Yes	Yes	Yes	Residence	Single Dwelling
39	09204010015	Makala, David C.	344 Justus Boulevard, Scott Township, PA	2004 / 34198	Yes	Yes	Yes	Yes	Residence	Single Dwelling
40	09204040002	Makala, Brenda	RR #1 Box 637, Oliphant, PA	1313/0604	Yes	Yes	Yes	No	Residence	---
41	09204040005	Malenzz, Ramona	RR #1 Box 642, Oliphant, PA	0920/0307	Yes	Yes	Yes	No	Residence	Single Dwelling
42	09204030009	Mateusz, Richard	31 Hilltop Drive, Scott Township, PA	201206360	Yes	Yes	Yes	No	Residence	---
42	092040000102	Mateusz, Richard & Rose Marie	31 Hilltop Drive, Scott Township, PA	201206360	Yes	Yes	Yes	No	Residence	Vacant Lot
43	09204010030	Makozky, Thomas William	43 Doris Road, Scott Township, PA	1449/1048	No	Yes	Yes	No	Residence	Single Dwelling
44	09204000044	Mazur, Michael	RR #2 Box 71, Oliphant, PA	2005 / 28995	Yes	Yes	Yes	No	Residence	Single Dwelling
45	09204000007	Meon, Albert & Irma	23 Hilltop Drive, Scott Township, PA	0796/10263	Yes	Yes	Yes	No	Meon's Garage	Other Commercial
45	09204000008	Meon, Albert & Irma	23 Hilltop Drive, Scott Township, PA	NL	Yes	Yes	Yes	No	Meon's Garage	Single Dwelling
45	09204000011	Meon, Albert & Irma	23 Hilltop Drive, Scott Township, PA	0991/0505	Yes	No	No	No	Vacant Lot	---
46	09204000014	Messina, Albert & Donna Ruth	306 Justus Boulevard, Scott Township, PA	0329/0853	Yes	Yes	Yes	No	Residence	Single Dwelling - Sinawa Drive
47	09204000010	Minelli, John	73 Sylvan Acres Lane, Scott Township, PA	0638/0028	Yes	Yes	Yes	No	Residence	---
48	09204000005	Nole, Daniel W. & Helen	22 Hilltop Drive, Scott Township, PA	NL	Yes	No	No	No	Vacant Lot	---
48	09204000006	Nole, Daniel W.	22 Hilltop Drive, Scott Township, PA	NL	Yes	Yes	Yes	Yes	Residence	---
49	09204000001	Pascavage, Robert	6 Hilltop Drive, Scott Township, PA	0965/1969	Yes	Yes	Yes	Yes	Residence	Single Dwelling
50	09204010019	Potacak, Robert & Margaret	RR #2 Box 102, Oliphant, PA	1342/0442	No	Yes	Yes	No	Residence	Single Dwelling
51	092000000105	Pruzinsky, Jeffrey C. & Brenda A.	21 Sylvan Acres Lane, Scott Township, PA	1265/0624	No	Yes	Yes	Yes	Residence	Single Dwelling
52	09204000004	Rabal, Elmer & Pauline	11 Hilltop Drive, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	---
53	09200010014	Reynolds, Brooke	3 Sylvan Acres Lane, Scott Township, PA	0464/0541	No	Yes	Yes	No	Residence	---
54	09204010028	Ritco, Robert	115 Doris Street, Oliphant, PA	2006 / 27361	No	Yes	Yes	No	Residence	Single Dwelling
55	09204000004	Roman, Audrey	29 Doris Road, Scott Township, PA	1492/0641	Yes	Yes	Yes	No	Residence - New	Single Dwelling
56	09204010014	Rusan, Robert P. & Luz, Maria	340 Justus Boulevard, Scott Township, PA	0653/0740	Yes	Yes	Yes	Yes	Residence	Single Dwelling
57	920303000901	Sheerin, John	221 Zury Road, Scott Township, PA	0127/0613	No	Yes	Yes	No	Residence	---
58	09204000010	Shanda, Michael & Beverly	24 Hermel Street, Scott Township, PA	2009/08217	Yes	Yes	Yes	No	Residence	Single Dwelling
59	09204000002	Sinawa-Zinko, Barbara	11 Sinawa Lane, Scott Township, PA	2009-30994	Yes	Yes	Yes	No	Residence	Single Dwelling
60	0920400001601	Skerski, Stephen & Mary	306 Justus Boulevard, Scott Township, PA	1311/0384	Yes	Yes	Yes	No	Residence	Single Dwelling

07/13/16

**Table JJ-1  
Lewis Brothers Garage Property  
Summary of Water Usage Information**

Map ID	PN #	Owner	Address	Book / Page	Within 1,000'	Private Well	Sampled	POET System	Field Observation	Assessor's Comment
61	0920400004	Steer, James & Linda	27 Green Grove Road, Scott Township, PA	14217/0188	Yes	Yes	Yes	No	Residence	Single Dwelling
62	0920400013	Stenmetz, Mary & George	312 Justus Boulevard, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	Single Dwelling
63	0920400029	Strong, Bernard T. III & Barbara L.	4 Hilltop Drive, Scott Township, PA	11837/0060	Yes	Yes	Yes	Yes	Residence	Single Dwelling
64	09204010011	Tellesz, Andrew	10 Doris Road, Scott Township, PA	---	Yes	Yes	Yes	Yes	Residence	Single Dwelling
65	09200000012	McKinney, John & Cindy A.	11 Cowan Road, Scott Township, PA	2026/70605	Yes	Yes	Yes	No	The Academy Studio	Single Dwelling
67	09200000014	Tokarz, Frank & Phyllis	48 Doran Road, Scott Township, PA	1091/70641	No	Yes	Yes	Yes	Residence	Single Dwelling
68	09204010003	Tomaszewich, John	333 Justus Boulevard, Scott Township, PA	2015-1/016	No	Yes	Yes	No	Residence	Single Dwelling
69	09204000006	Elmer, Thomas	30 Grevstone Cms, Mountain Top, PA 18707	1122/70688	Yes	Yes	Yes	Yes	Residence	Single Dwelling
70	09200001601	White, Phyllis	315 Justus Boulevard, Scott Township	101445/30	No	Yes	Yes	No	Residence	Single Dwelling
71	09204000016	Yantow, James M.	318 Justus Boulevard, Scott Township, PA	1564/70339	Yes	Yes	Yes	No	Residence	Single Dwelling
72	09204000010	Konosky, Maria A.	354 Green Grove Road, Scott Township, PA	1469/70914	Yes	Yes	Yes	No	Residence	Single Dwelling
73	092040001601	Yousa, John	359 Justus Boulevard, Scott Township, PA	---	Yes	Yes	Yes	No	Residence	Single Dwelling
74	09204000015	Wessen, Edward R. & Mary	314 Justus Boulevard, Scott Township, PA	2005-29059	Yes	Yes	Yes	No	Residence	Single Dwelling / Formerly Beecroft, Jack E.
75	09200000011	Sylvan Acres, Inc.	33 Sylvan Acres Lane, Scott Township, PA	0988/70648	No	No	No	No	Residence	Single Dwelling
76	09204000003	Kaszuba, Robert P.	11 Doris Road, Scott Township, PA	1113/70894	Yes	No	No	No	Residence	Single Dwelling
77	09204000006	Herbert, Thomas & Frances	47 Doris Road, Scott Township, PA	---	No	Yes	No	No	Residence	Single Dwelling
77	09204000007	Herbert, Thomas & Frances A.	47 Doris Road, Scott Township, PA	1479/7084	No	Yes	No	No	Residence	Single Dwelling
78	09204000016	Kinkovitz, David & Joyce	208 E. Scott Street, Olyphant, PA	1039/70576	Yes	No	No	No	Residence	Single Dwelling
79	09204000022	Florentini, Mario & Yolanda	3775 Gleander Ave., Vienna, VA 22181	---	Yes	No	No	No	Residence	Single Dwelling
79	09204000023	Florentini, Mario & Yolanda	3775 Gleander Ave., Vienna, VA 22181	---	Yes	No	No	No	Residence	Single Dwelling
80	09204000027	Rabal, Elmer & Pauline	11 Hilltop Drive, Scott Township, PA	0597/70579	Yes	No	No	No	Residence	Single Dwelling
80	09204000028	Rabal, Elmer & Pauline	11 Hilltop Drive, Scott Township, PA	0597/70579	Yes	No	No	No	Residence	Single Dwelling
81	09204040001	Gregguch, Joseph	2121 Detroit Blvd., Sanford, NC 27332	---	Yes	No	No	No	Residence	Single Dwelling
82	0920200001104	Judge, James & Patricia A.	5 Sylvan Acres Lane, Scott Township, PA	1300/70213	Yes	No	No	No	Residence	Single Dwelling
82	0920200001106	Kirby, Sally A.	34 Sylvan Acres Lane, Scott Township, PA	3005-14709	No	No	No	No	Residence	Single Dwelling / Formerly Minali, Joseph W.
83	0920200001201	Orman, Scott D. & Melissa G.	18 Sylvan Acres Lane, Scott Township, PA	2007/70332	No	No	No	No	Residence	Single Dwelling
84	0920401000401	Baile, Joseph	118 1st Street, Hicksville, PA	1062/70001	Yes	No	No	No	Residence	Single Dwelling
85	092040001001	Gims, Joan & Janet	30 Green Grove Road, Scott Township, PA	1513/06972	Yes	No	No	No	Residence	Single Dwelling
86	09204000009	Roman, Paul	26 Doris Road, Scott Township, PA	0716/0469	Yes	No	No	No	Residence	Single Dwelling
87	09204040013	Gims, Joan & Janet	30 Green Grove Road, Scott Township, PA	2012-11841	Yes	No	No	No	Residence	Single Dwelling
88	10201000007	Unknown	Unknown	---	Yes	No	No	No	Residence	Single Dwelling
89	0920401000501	Frazzolini, Chris	18 Doris Road, Scott Township, PA	2013-12885	Yes	No	No	No	Residence	Single Dwelling
89	09204010005	Frazzolini, Chris	18 Doris Road, Scott Township, PA	2013-12885	Yes	Yes	Yes	No	Residence	Single Dwelling
90	09204010002	Rykowak, Charles & Judy	20 Doris Road, Scott Township, PA	2014-17736	No	Yes	No	No	Residence	Single Dwelling
91	09204000012	Kuzniak, M.Jr & A. Mujzelnio, JA.	19 Herml Street, Scott Township, PA	2015-06775	Yes	No	No	No	Residence	Single Dwelling
92	09204010006	Walker, David	R0 #2 Box 98, Olyphant, PA	1510-0230	Yes	Yes	No	No	Residence	Single Dwelling
93	0920200001108	Kirby, Sally A.	34 Sylvan Acres Lane, Scott Township, PA	2015-14709	Yes	No	No	No	Residence	Single Dwelling
94	09204010007	Walker, David	R0 #2 Box 98, Olyphant, PA	1510-0230	Yes	Yes	No	No	Residence	Single Dwelling
95	09204010008	Lewis, Jonathan M & Matthew J.	12 Koehler Hill Road, Scott Township, PA	2005-19328	Yes	No	No	No	Residence	Single Dwelling
96	09204000003	Hochinski, Chester, Audrey & Donna	104 Green Grove Road, Scott Township, PA	0477/0768	Yes	Yes	No	No	Residence	Single Dwelling
97	092040000101	Schoemans, Jenny M & Mark C.	100 Green Grove Road, Scott Township, PA	2014-01689	Yes	Yes	No	No	Residence	Single Dwelling
98	092040000103	Eqwert, Terry L. & Sandra K.	34 Green Grove Road, Scott Township, PA	1500-0583	Yes	Yes	No	No	Residence	Single Dwelling
99	09204000004	Wallinger, Dion & David	474 St. James (S) Lee Donna W. Nazareth, PA	1195-0025	Yes	Yes	No	No	Residence	Single Dwelling
100	09204000005	FJR Partners LLC	207 Short Street, Jessup, PA	2016-06900	Yes	Yes	No	No	Residence	Single Dwelling
101	09204000006	Moore, Douglas L.	76 Green Grove Road, Scott Township, PA	1509-0578	Yes	No	No	No	Residence	Single Dwelling
102	09204000007	Moore, Douglas L.	76 Green Grove Road, Scott Township, PA	1509-0571	Yes	Yes	No	No	Residence	Single Dwelling
103	09204000008	Winas, Paul A.	22 Green Grove Road, Scott Township, PA	1005-0030	Yes	No	No	No	Residence	Single Dwelling
104	09204000009	Winas, Paul A.	22 Green Grove Road, Scott Township, PA	1005-0030	Yes	Yes	No	No	Residence	Single Dwelling
105	09204000010	Wells Fargo Bank NA	3476 Stateview Blvd., Fort Mill, SC 29715	2014-15246	Yes	Yes	No	No	Residence	Single Dwelling
106	09204000009	Winst, David	348 Green Grove Road, Olyphant, PA	2005-14319	Yes	Yes	No	No	Residence	Other Commercial
107	09204000010	Sels, Saki & Sundus	53 Hilltop Drive, Scott Township, PA	2014-39206	Yes	Yes	No	No	Residence	Single Dwelling

Note: Addresses given in RED have changed. The new address is not known.

APPENDIX KK

Drum Disposal Documentation – Current USTs Product Removal Activities

# COPY

## INVOICE

### Noble Environmental Services Corporation

105 Healey Hill Road  
Greenfield Township, PA 18407-3710  
Phone (570) 222-7700

DATE	INVOICE #
5/31/2007	1002

GENERATOR:
PA Tectonics, Inc. 826 Main Street Peckville, PA 18452 Attn: Marty Gilgallon

SITE ADDRESS:
Lewis Gas Station Justus, PA

P.O. #:		TERMS:	DUE DATE:	SHIP DATE:	SHIP VIA:	DOCUMENT #:
		Net 30	6/30/2007	5/8/2007	WRSI	
QTY	U/M	SIZE	DESCRIPTION		PRICE	AMOUNT
3	drums	55 gallon	Waste Gasoline and Water (50-74%) Transportation			
Thank you for your business.					<b>TOTAL</b>	

APPENDIX LL

Summary of UST Gauging Data

**Table LL-1**  
**Lewis Brothers Garage Property**  
**UST Gauging Activities – Tank #003**

<b>Date</b>	<b>Inches of Product</b>	<b>Inches of Water</b>
3/22/2008	0	1.5
9/29/2008	0	2.0
10/8/2008	0	2.0
3/24/2009	0	2.0
1/28/2010	0	2.0
3/8/2010	0	2.0
2/11/2011	0	2.0
3/4/2011	0	2.0
3/15/2011	0	2.0
4/22/2011	0	2.0
5/16/2011	0	2.0
7/1/2011	0	2.0
8/31/2011	0	2.0
10/4/2011	0	3.0
10/7/2011	0	3.0
12/23/2011	0	3.4
2/9/2012	0	3.5
3/12/2012	0	3.5
4/19/2012	0	3.5
5/16/2012	0	3.6
6/12/2012	0	4.1
4/24/2013	0	4.4
10/3/2013	0	4.5
10/9/2013	0	4.75
11/11/2013	0	5.0
12/18/2013	0	5.0
2/3/2014	0	5.0
2/25/2014	0	5.0
6/2/2014	0	5.0
11/20/2014	0	5.0
12/23/2014	0	5.1
12/29/2014	0	5.1
5/19/2015	0	5.1
7/10/2015	0	5.2
10/10/2015	0	5.2
03/30/2016	0	5.2

**Table LL-2**  
**Lewis Brothers Garage Property**  
**UST Gauging Activities – Tank #004**

<b>Date</b>	<b>Inches of Product</b>	<b>Inches of Water</b>
3/22/2008	0	1.00
9/29/2008	0	1.25
10/8/2008	0	1.25
3/24/2009	0	1.25
1/28/2010	0	1.25
3/8/2010	0	1.25
2/11/2011	0	1.25
3/4/2011	0	1.25
3/15/2011	0	1.25
4/22/2011	0	1.25
5/16/2011	0	1.25
7/1/2011	0	1.25
8/31/2011	0	1.25
10/4/2011	0	1.25
10/7/2011	0	1.25
12/23/2011	0	1.25
2/9/2012	0	1.25
3/12/2012	0	1.25
4/19/2012	0	1.25
5/16/2012	0	1.25
6/12/2012	0	1.25
4/24/2013	0	1.25
10/3/2013	0	1.25
10/9/2013	0	1.25
11/11/2013	0	1.25
12/18/2013	0	1.25
2/3/2014	0	1.25
2/25/2014	0	1.25
6/2/2014	0	1.375
11/20/2014	0	1.375
12/23/2014	0	1.375
12/29/2014	0	1.375
5/19/2015	0	1.375
7/10/2015	0	1.375
10/10/2015	0	1.375
03/30/2016	0	1.375

## APPENDIX MM

Summary of Product Thickness and Recovery Data & T&D Documentation



**Lewis Brothers Garage  
Product Removal: MW-2s**

Date	Product Level (ft.)	Water Level (ft.)	Product Thickness (ft.)	Amount Removed (gal.)
4/5/08			15.40	N/A
4/16/08	10.64	20.45	9.81	6.5
4/17/08	12.35	15.36	3.01	3.5
4/18/08	12.56	14.35	1.79	2
4/21/08	13.07	14.93	1.86	2.5
4/23/08	13.01	14.66	1.65	2.5
4/25/08	13.16	14.55	1.39	2.5
4/28/08	13.44	14.62	1.18	2
4/30/08	13.81	15.52	1.71	2.5
5/2/08	13.81	14.89	1.08	2
5/5/08	14.11	15.15	1.04	2
5/9/08	14.09	15.21	1.12	2
5/16/08	13.39	15.32	1.93	N/A
5/27/08	12.55	16.94	4.39	4
6/3/08	13.61	14.71	1.10	2
6/9/08	14.71	15.39	0.68	N/A
7/3/08	14.84	14.92	0.08	N/A
7/10/08	14.80	15.52	0.72	N/A
8/1/08	14.51	15.10	0.59	N/A
8/29/08	15.64	16.73	1.09	2
10/1/08	17.57	17.96	0.39	1
10/13/08	14.13	14.32	0.19	1
11/3/08	17.74	17.75	0.01	N/A
11/17/08	16.78	19.29	2.51	1
12/8/08	15.98	16.41	0.43	1
2/5/09	15.48	16.66	1.18	1
2/11/09	15.34	15.75	0.41	1
4/6/09	13.34	13.40	0.06	N/A
5/6/09	N/A	15.57	0.00	Trace
5/21/09	14.20	14.21	0.01	Trace
6/8/09	*	*	0.00	Trace
6/12/09	13.83	13.84	0.01	Trace
6/18/09	13.69	13.71	0.02	Trace
7/6/09	N/A	12.26	0.00	Trace
7/24/09	N/A	13.89	0.00	Trace
7/30/09	14.43	14.46	0.03	Trace
8/12/09	N/A	13.44	0.00	Trace
8/20/09	13.38	13.41	0.03	Trace
8/26/09	13.35	13.37	0.02	Trace
9/2/09	13.69	13.73	0.04	Trace
9/22/09	15.23	15.92	0.69	Trace
9/29/09	15.51	15.74	0.23	Trace
10/6/09	15.57	15.75	0.18	Trace
10/21/09	15.30	15.35	0.05	Trace
12/4/09	13.95	13.97	0.02	Trace
1/18/10	14.23	14.36	0.13	Trace
1/29/10	13.35	13.37	0.02	Trace
2/24/10	14.70	14.75	0.05	Trace
3/16/10	13.24	13.31	0.07	Trace
4/7/10	11.75	12.14	0.39	0.25
4/21/10	12.92	12.96	0.04	Trace
4/29/10	12.95	13.02	0.07	Trace
5/5/10	13.18	13.24	0.06	Trace

**Lewis Brothers Garage  
Product Removal: MW-2s**

Date	Product Level (ft.)	Water Level (ft.)	Product Thickness (ft.)	Amount Removed (gal.)
6/1/10	14.23	14.28	0.05	Trace
6/11/10	15.31	15.41	0.10	Trace
6/25/10	15.51	15.87	0.36	Trace
6/30/10	15.85	15.91	0.06	Trace
7/1/10	15.97	16.02	0.05	Trace
7/15/10	*	*	N/A	Trace
7/21/10	*	*	N/A	Trace
7/30/10	*	*	N/A	Trace
8/2/10	17.60	17.78	0.18	Trace
8/13/10	18.22	18.26	0.04	Trace
8/18/10	18.35	18.43	0.08	Trace
8/25/10	18.03	18.05	0.02	Trace
10/7/10	N/A	16.24	0.00	N/A
10/11/10	15.91	15.93	0.02	Trace
10/29/10	15.34	15.38	0.04	Trace
11/30/10	14.32	14.33	0.01	Trace
1/28/11	15.26	15.56	0.30	Trace
2/11/11	14.97	14.98	0.01	Trace
3/4/11	13.34	13.35	0.01	Trace
3/15/11	12.24	12.24	0.00	N/A
4/22/11	11.86	11.86	0.00	N/A
5/16/11	12.22	12.22	0.00	N/A
7/1/11	12.77	12.77	0.00	N/A
8/31/11	13.84	13.84	0.00	N/A
9/26/11	11.57	11.57	0.00	N/A
10/4/11	10.52	10.52	0.00	N/A
10/7/11	10.76	10.76	0.00	N/A
11/9/11	11.77	11.77	0.00	N/A
12/23/11	11.16	11.16	0.00	N/A
2/9/12	12.29	12.29	0.00	N/A
3/12/12	11.85	11.85	0.00	N/A
4/19/12	14.38	14.44	0.06	Trace
5/16/12	12.54	12.54	0.00	N/A
6/12/12	13.81	13.81	0.00	N/A
8/9/12	15.69	15.74	0.05	Trace
4/24/13	12.18	12.18	0.00	N/A
10/2/13	14.40	14.41	0.01	Trace
10/3/13	14.40	14.41	0.01	Trace
10/4/13	14.40	14.41	0.01	Trace
10/9/13	14.71	14.76	0.05	Trace
11/11/13	15.31	15.31	0.00	N/A
12/18/13	13.31	13.31	0.00	N/A
2/3/14	13.42	13.42	0.00	N/A
2/25/14	14.01	14.01	0.00	N/A
6/2/14	12.18	12.18	0.00	N/A
11/20/14	19.95	21.31	1.36	Trace
11/24/14	20.24	20.3	0.06	Trace
12/23/14	17.21	17.21	0.00	N/A
12/29/14	16.65	16.65	0.00	N/A
5/19/15	15.64	15.64	0.00	N/A
7/10/15	13.86	13.86	0.00	N/A
10/7/15	18.42	18.45	0.03	Trace
3/30/16	N/A	13.74	0.00	N/A
5/3/16	N/A	13.44	0.00	N/A
5/25/16	13.64	13.65	0.01	Trace
6/22/16	15.41	15.41	0.00	NA

**Lewis Brothers Garage  
Product Removal: MW-3s**

Date	Product Level (ft.)	Water Level (ft.)	Product Thickness (ft.)	Amount Removed (gal.)
3/22/08	8.57	20.10	11.53	10
4/1/08	8.25	19.70	11.45	10
4/5/08			8.34	N/A
4/16/08	11.01	14.54	3.53	2.5
4/17/08	11.26	12.67	1.41	1
4/18/08	11.37	12.01	0.64	1
4/21/08	11.76	12.69	0.93	1
4/23/08	11.86	12.32	0.46	1
4/25/08	11.95	12.24	0.29	0.25
4/28/08	12.17	12.45	0.28	0.25
4/30/08	12.41	13.07	0.66	1
5/2/08	12.63	12.91	0.28	0.25
5/5/08	12.74	13.06	0.32	0.25
5/9/08	12.76	13.10	0.34	0.25
5/16/08	12.38	12.86	0.48	N/A
5/27/08	12.02	12.93	0.91	1
6/3/08	12.62	12.91	0.29	1
6/9/08	12.45	13.17	0.72	N/A
7/3/08	12.81	12.85	0.04	N/A
7/10/08	12.98	13.04	0.06	N/A
8/1/08	12.74	13.09	0.35	N/A
8/29/08	13.83	14.14	0.31	1.25
10/1/08	15.78	16.11	0.33	1.25
10/13/08	16.37	16.70	0.33	1.25
11/3/08	0.00	16.17	N/A	N/A
11/17/08	15.33	15.35	0.02	N/A
12/8/08	14.60	14.62	0.02	N/A
1/21/09	11.93	12.04	0.11	N/A
2/5/09	14.27	14.83	0.56	0.5
2/11/09	13.92	14.01	0.09	1
4/6/09	11.95	11.97	0.02	N/A
5/6/09	13.03	14.09	1.06	0.5
5/21/09	12.76	13.52	0.76	0.5
6/8/09	*	*	0.00	Trace
6/12/09	12.33	12.37	0.04	Trace
6/18/09	12.15	12.19	0.04	Trace
7/6/09	N/A	11.17	0.00	Trace
7/24/09	N/A	12.34	0.00	Trace
7/30/09	12.92	12.97	0.05	Trace
8/12/09	N/A	12.08	0.00	Trace
8/20/09	11.82	11.91	0.09	Trace
8/26/09	11.81	11.84	0.03	Trace
9/2/09	12.18	12.22	0.04	Trace
9/22/09	13.93	14.14	0.21	Trace
9/29/09	14.05	14.12	0.07	Trace
10/6/09	14.12	14.21	0.09	Trace
10/21/09	13.81	13.84	0.03	Trace
12/4/09	12.51	12.56	0.05	Trace
1/18/10	12.82	12.86	0.04	Trace
1/29/10	12.01	12.04	0.03	Trace
2/24/10	13.38	13.40	0.02	Trace
3/16/10	11.95	12.02	0.07	Trace

**Lewis Brothers Garage  
Product Removal: MW-3s**

Date	Product Level (ft.)	Water Level (ft.)	Product Thickness (ft.)	Amount Removed (gal.)
4/7/10	10.43	10.47	0.04	Trace
4/21/10	11.57	11.61	0.04	Trace
4/29/10	11.66	11.68	0.02	Trace
5/5/10	11.77	11.83	0.06	Trace
6/1/10	12.92	12.97	0.05	Trace
6/11/10	13.94	14.04	0.10	Trace
6/25/10	14.29	14.32	0.03	Trace
6/30/10	14.58	14.62	0.04	Trace
7/1/10	14.63	14.64	0.01	Trace
7/15/10	15.81	16.11	0.30	Trace
7/21/10	16.08	16.21	0.13	Trace
7/30/10	16.11	16.13	0.02	Trace
8/2/10	16.20	16.30	0.10	Trace
8/13/10	16.85	16.90	0.05	Trace
8/18/10	17.01	17.10	0.09	Trace
8/25/10	16.72	16.73	0.01	Trace
10/7/10	N/A	16.24	0.00	N/A
10/11/10	N/A	14.66	0.00	N/A
10/29/10	N/A	14.10	0.00	N/A
11/30/10	N/A	13.15	0.00	N/A
1/28/11	N/A	14.73	0.00	N/A
2/11/11	14.81	14.85	0.04	Trace
	N/A	12.39	0.00	N/A
3/4/11	12.39	12.39	0.00	N/A
3/15/11	11.15	11.15	0.00	N/A
4/22/11	10.61	10.61	0.00	N/A
5/16/11	11.04	11.04	0.00	N/A
7/1/11	11.65	11.65	0.00	N/A
8/31/11	12.65	12.65	0.00	N/A
9/26/11	10.36	10.36	0.00	N/A
10/4/11	9.34	9.34	0.00	N/A
10/7/11	9.55	9.55	0.00	N/A
11/9/11	10.54	10.54	0.00	N/A
12/23/11	10.10	10.10	0.00	N/A
2/9/12	11.12	11.12	0.00	N/A
3/12/12	10.95	10.95	0.00	N/A
4/19/12	13.15	13.16	0.01	Trace
5/16/12	11.35	11.35	0.00	N/A
6/12/12	11.61	11.62	0.01	Trace
8/9/12	14.40	14.63	0.23	Trace
4/24/13	11.16	11.16	0.00	N/A
10/2/13	13.40	13.51	0.11	Trace
10/3/13	13.40	13.51	0.11	Trace
10/4/13	13.40	13.51	0.11	Trace
10/9/13	13.53	13.73	0.20	Trace
11/11/13	14.04	14.09	0.05	Trace
12/18/13	12.10	12.12	0.02	Trace
2/3/14	12.18	12.26	0.08	Trace
2/25/14	12.88	12.89	0.01	Trace
6/2/14	10.97	10.98	0.01	Trace
11/20/14	18.96	19.91	0.95	Trace
11/24/14	19.07	19.47	0.40	Trace
12/23/14	16.05	16.05	0.00	N/A
12/29/14	15.51	15.51	0.00	N/A
5/19/15	14.54	14.55	0.01	N/A
7/10/15	12.83	12.84	0.01	N/A
10/7/15	17.30	17.59	0.29	Trace
3/30/16	N/A	12.68	0.00	N/A
5/3/16	12.47	12.46	0.01	Trace
5/25/16	13.53	13.58	0.05	Trace
6/22/16	14.39	14.39	0.00	NA

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CEN008</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>717-801-0669</b>	4. Manifest Tracking Number <b>000884727 FLE</b>				
5. Generator's Name and Mailing Address <b>Lowe Brothers Service Station Rt. 347 Olyphant, PA 18047</b>				Generator's Site Address (if different than mailing address)					
Generator's Phone: <b>570-427-1669</b>									
6. Transporter 1 Company Name <b>Waste Recovery Solutions Inc.</b>				U.S. EPA ID Number <b>PA8 00042005</b>					
7. Transporter 2 Company Name <b>Friedrich College Inc.</b>				U.S. EPA ID Number <b>NJ00041281054</b>					
8. Designated Facility Name and Site Address <b>State Resource Recovery Inc - Sumter 700 Industrial Rd. Sumter, SC 29161</b>				U.S. EPA ID Number <b>SC10000270000</b>					
Facility's Phone: <b>803-778-1400</b>									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
		No.	Type						
1.	<b>R52, Waste Gasoline 3, UN1203, H</b>	<b>003</b>	<b>DM</b>	<b>165</b>	<b>g</b>	<b>D001</b>	<b>D012</b>		
2.									
3.									
4.									
14. Special Handling Instructions and Additional Information <b>Subchapter of 49 CFR 173.125</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name				Signature			Month	Day	Year
				<i>[Signature]</i>			<b>05</b>	<b>01</b>	<b>08</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name				Signature			Month	Day	Year
<i>[Signature]</i>				<i>[Signature]</i>			<b>05</b>	<b>01</b>	<b>08</b>
Transporter 2 Printed/Typed Name				Signature			Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number: _____									
18b. Alternate Facility (or Generator)				U.S. EPA ID Number					
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)				Signature			Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.			2.			3.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name				Signature			Month	Day	Year

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number DE5003	2. Page 1 of 1	3. Emergency Response Phone 570-510-0915	4. Waste Tracking Number LB060216-CC
5. Generator's Name and Mailing Address Lanika Staffing Corporation 570-487-1956 Generator's Phone: 570-230-1247			Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name Waste Recovery Solutions, Inc.			U.S. EPA ID Number PA000704020		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Curtis Chem. Inc. 717-938-4700 Facility's Phone: 650 Industrial Drive Lebanon, PA 17359			U.S. EPA ID Number PA000704022		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. 1741213. Catalysts (Destined for Recycling), 3, 11, BRC00428		002	DR	110	Dr
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offoror's Printed/Typed Name John Maloney			Signature <i>[Signature]</i>		Month Day Year 06 02 16
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Dennis Lynch			Signature <i>[Signature]</i>		Month Day Year 06 02 16
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Signature		Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name			Signature		Month Day Year

GENERATOR  
 INT'L  
 TRANSPORTER  
 DESIGNATED FACILITY

APPENDIX NN

POET System Sampling – Laboratory Analytical Data Sheets

POET System Sampling Analytical Data Sheets

January 2008



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

February 5, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 7:30  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

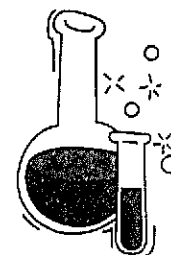
Parameter	Result	Units	Method	Analyzed
<b>Jarrow.A-Jan08- Raw</b>				
MTBE	18.3	ug/L	EPA 524.2	31-Jan-08
Benzene	1.0	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

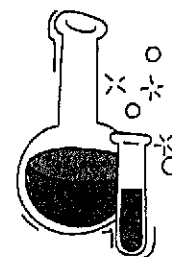
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 7:35  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Jarrow.A-Jan08- Middle</b>				
MTBE	1.4	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

February 5, 2008

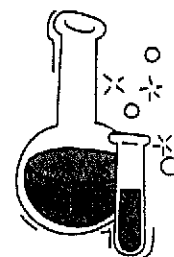
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058  
Sample Matrix: Drinking Water  
Sample Date: 29-Jan-08  
Sample Time: 7:40  
Sampled By: client  
Received By: RP  
Date Received: 29-Jan-08  
Time Received: 17:20

Parameter	Result	Units	Method	Analyzed
<b>Jarrow.A-Jan08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	31-Jan-08
Benzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Toluene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Naphthalene	< 0.5	ug/L	EPA 524.2	31-Jan-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	31-Jan-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	31-Jan-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
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POET System Sampling Analytical Data Sheets

May / June 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 10:50  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

Parameter	Result	Units	Method	Analyzed
<b>Bobar.W. May 08- Raw</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 10:44  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

Parameter	Result	Units	Method	Analyzed
<b>Bobar.W. May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	<b>0.29E</b>	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

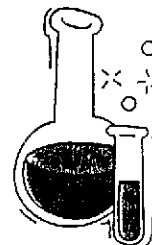
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 10:37  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

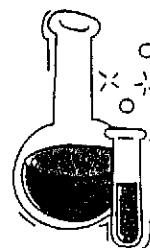
Parameter	Result	Units	Method	Analyzed
<b>Bobar.W. May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Jun-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 8:19  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

Parameter	Result	Units	Method	Analyzed
<b>Bright.B - May 08- Raw</b>				
MTBE	0.27E	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

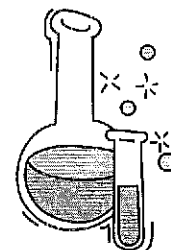
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 8:17  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

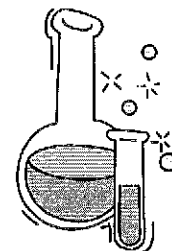
Parameter	Result	Units	Method	Analyzed
<b>Bright.B - May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 8:15  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

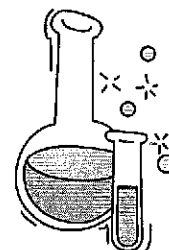
Parameter	Result	Units	Method	Analyzed
<b>Bright.B - May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 7:48  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Crossley.B- May 08- Raw</b>				
MTBE	3.1	ug/L	EPA 524.2	14-May-08
Benzene	1.4	ug/L	EPA 524.2	14-May-08
Ethylbenzene	0.22E	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	0.69	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	0.46E	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

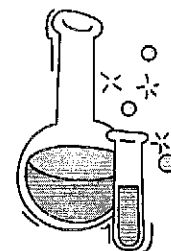
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

## ANALYTICAL REPORT

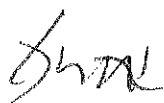
May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 7:39  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Crossley.B- May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	<b>0.25E</b>	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

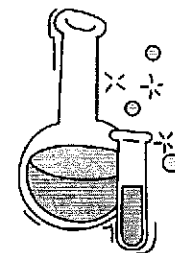
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

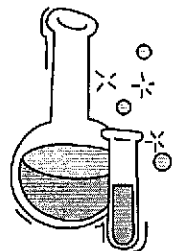
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 7:35  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Crossley.B- May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 12:50  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Fryzel.R. Mar 08- Raw</b>				
MTBE	0.15E	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

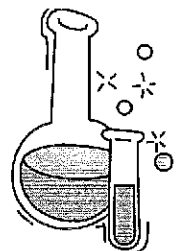
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 12:47  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

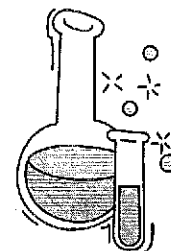
Parameter	Result	Units	Method	Analyzed
<b>Fryzel.R. Mar 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

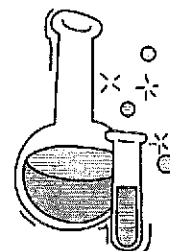
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 12:45  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Fryzel.R. Mar 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 11:17  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Hryhorcoff. M- May 08- Raw</b>				
MTBE	0.16E	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

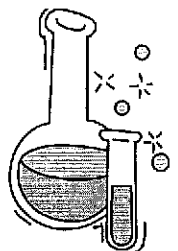
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

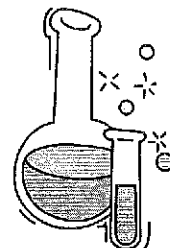
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 11:07  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Hryhorcoff. M- May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

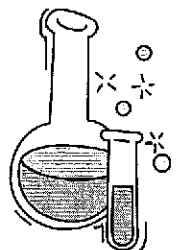
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 11:02  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Hryhorcoff. M- May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 8:17  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

Parameter	Result	Units	Method	Analyzed
<b>Jarrow. A. May 08- Raw</b>				
MTBE	9.7	ug/L	EPA 524.2	11-Jun-08
Benzene	0.11E	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

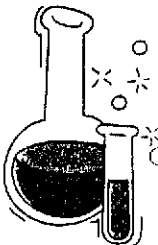
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 8:10  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

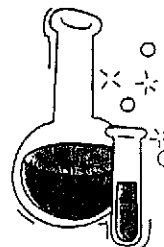
Parameter	Result	Units	Method	Analyzed
<b>Jarrow. A. May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 8:02  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

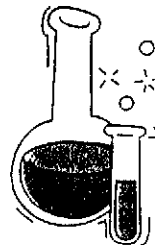
Parameter	Result	Units	Method	Analyzed
<b>Jarrow. A. May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Jun-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 13:18  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

Parameter	Result	Units	Method	Analyzed
<b>Kalinowski.K. May 08- Raw</b>				
MTBE	0.19E	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 13:11  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

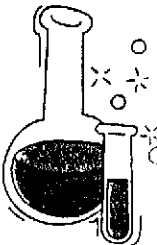
Parameter	Result	Units	Method	Analyzed
<b>Kalinowski.K. May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 13:04  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

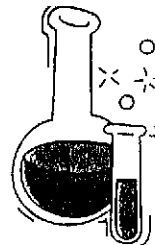
Parameter	Result	Units	Method	Analyzed
<b>Kalinowski.K. May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Jun-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 8:49  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Kaszuba.R. May 08- Raw</b>				
MTBE	0.27E	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

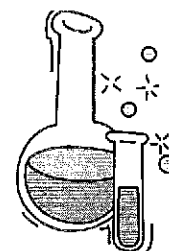
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 8:47  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

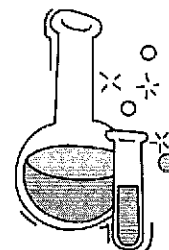
Parameter	Result	Units	Method	Analyzed
<b>Kaszuba.R. May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

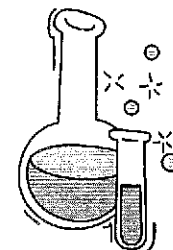
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 8:45  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Kaszuba.R. May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964** **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 8:19  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>King.H. May 08- Raw</b>				
MTBE	0.14E	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

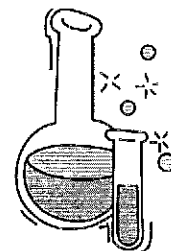
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

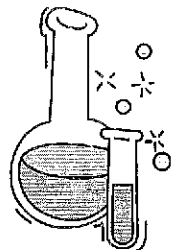
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 8:17  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>King.H. May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

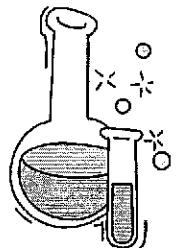
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 8:15  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>King.H. May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

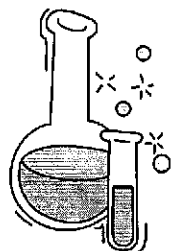
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 7:19  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Koyaleski.K- May 08 Raw</b>				
MTBE	0.63	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

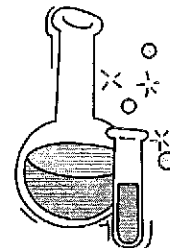
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 7:17  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Koyaleski.K- May 08 Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 7:15  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

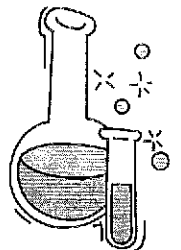
Parameter	Result	Units	Method	Analyzed
<b>Koyaleski.K- May 08 Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 9:15  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

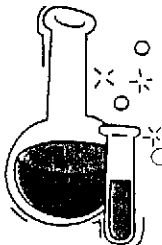
Parameter	Result	Units	Method	Analyzed
<b>Kowalski.W. May 08- Raw</b>				
MTBE	1.4	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 9:07  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

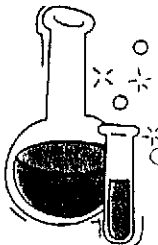
Parameter	Result	Units	Method	Analyzed
<b>Kowalski.W. May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 09:02  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

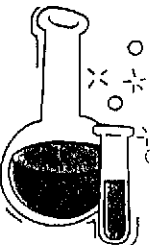
Parameter	Result	Units	Method	Analyzed
<b>Kowalski.W. May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Jun-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 9:26  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Kuzmiak.M- May 08- Raw</b>				
MTBE	0.19E	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	0.20E	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

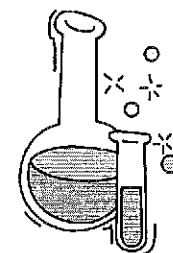
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 9:17  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Kuzmiak.M- May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	<b>0.10E</b>	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	<b>0.41E</b>	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

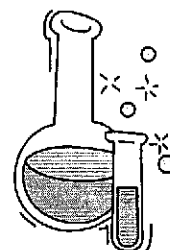
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 9:12  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

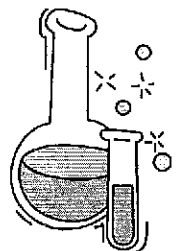
Parameter	Result	Units	Method	Analyzed
<b>Kuzmiak.M- May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 8:47  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

Parameter	Result	Units	Method	Analyzed
<b>Kvaka.J. May 08- Raw</b>				
MTBE	0.35E	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	0.12E	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

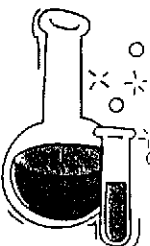
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 8:41  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

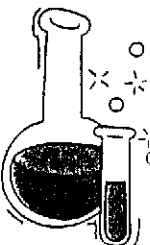
Parameter	Result	Units	Method	Analyzed
<b>Kvaka.J. May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 8:34  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

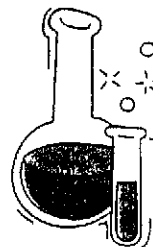
Parameter	Result	Units	Method	Analyzed
<b>Kvaka.J. May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Jun-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 7:45  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

Parameter	Result	Units	Method	Analyzed
<b>Lewis Homestead. May 08- Raw</b>				
MTBE	0.17E	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

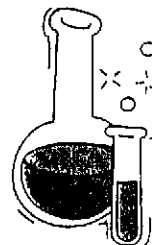
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 11:37:39  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

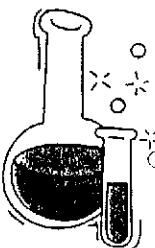
Parameter	Result	Units	Method	Analyzed
<b>Lewis Homestead. May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 07:33  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

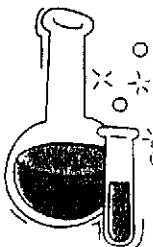
Parameter	Result	Units	Method	Analyzed
<b>Lewis Homestead. May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Jun-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 11:49  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Lupini.M. Mar 08- Raw</b>				
MTBE	0.10E	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

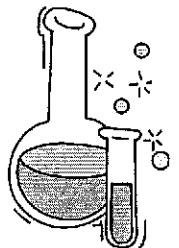
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 11:47  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

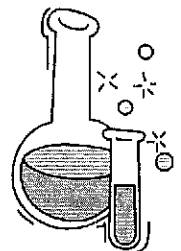
Parameter	Result	Units	Method	Analyzed
<b>Lupini.M. Mar 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

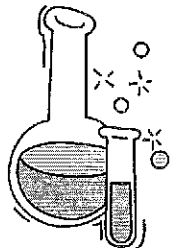
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 11:45  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

Parameter	Result	Units	Method	Analyzed
<b>Lupini.M. Mar 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 10:49  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

Parameter	Result	Units	Method	Analyzed
<b>Note.D. - May 08- Raw</b>				
MTBE	0.12E	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

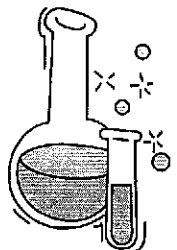
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 10:47  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

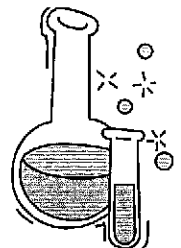
Parameter	Result	Units	Method	Analyzed
<b>Note.D. - May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 10:45  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

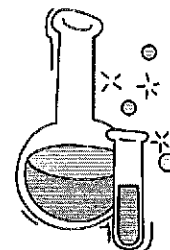
Parameter	Result	Units	Method	Analyzed
<b>Note.D. - May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 9:49  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

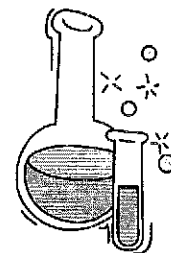
Parameter	Result	Units	Method	Analyzed
<b>Pascavage.M. - May 08- Raw</b>				
MTBE	0.89	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 9:47  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

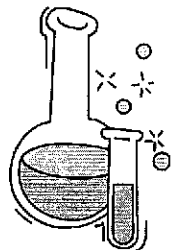
Parameter	Result	Units	Method	Analyzed
<b>Pascavage.M. - May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 9:45  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

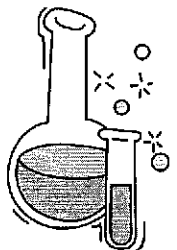
Parameter	Result	Units	Method	Analyzed
<b>Pascavage.M. - May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 17:39  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

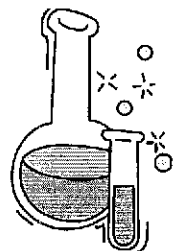
Parameter	Result	Units	Method	Analyzed
<b>Pruzinski.J- May 08- Raw</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	<b>0.74</b>	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 17:33  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

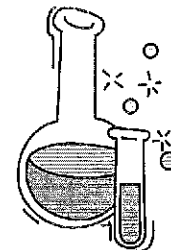
Parameter	Result	Units	Method	Analyzed
<b>Pruzinski.J- May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	2.1	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

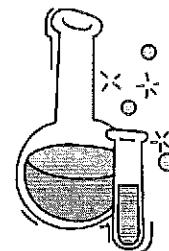
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 17:20  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Pruzinski.J- May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 11:19  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

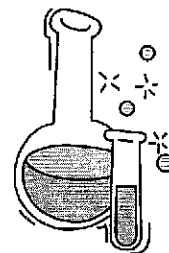
Parameter	Result	Units	Method	Analyzed
<b>Rabel.P. - May 08- Raw</b>				
MTBE	0.56	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

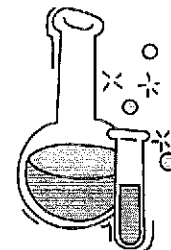
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 11:17  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

Parameter	Result	Units	Method	Analyzed
<b>Rabel.P. - May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

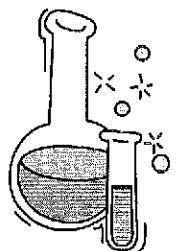
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 07-May-08  
Sample Time: 11:15  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

Parameter	Result	Units	Method	Analyzed
<b>Rabel.P. - May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
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ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

## ANALYTICAL REPORT


May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 8:23  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Strong.B - May 08- Raw</b>				
MTBE	1.1	ug/L	EPA 524.2	14-May-08
Benzene	0.18E	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

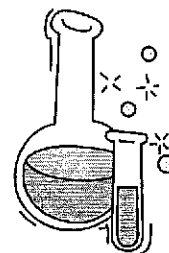
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 8:12  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

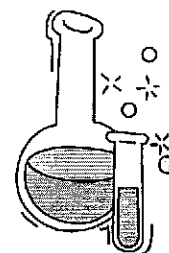
Parameter	Result	Units	Method	Analyzed
<b>Strong.B - May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

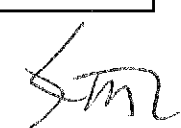
## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 06-May-08  
Sample Time: 08:06  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

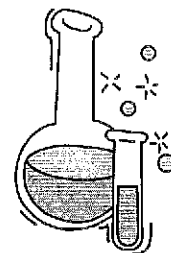
Parameter	Result	Units	Method	Analyzed
<b>Strong.B - May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	14-May-08
Benzene	< 0.5	ug/L	EPA 524.2	14-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Toluene	< 0.5	ug/L	EPA 524.2	14-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	14-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	14-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	14-May-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	07-May-08
HPC	< 1	cfu /100mL	SM20 9215 D	07-May-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 10:15  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

Parameter	Result	Units	Method	Analyzed
<b>Telesz.A May 08- Raw</b>				
MTBE	0.39E	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

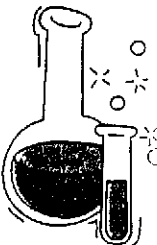
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

## ANALYTICAL REPORT


June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 10:09  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

Parameter	Result	Units	Method	Analyzed
<b>Telesz.A May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	<b>0.22E</b>	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

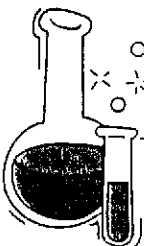
E estimated value

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 10:05  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

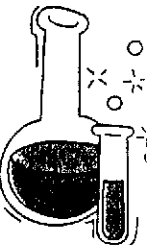
Parameter	Result	Units	Method	Analyzed
<b>Telesz.A May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Jun-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

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824 ENTERPRISE STREET  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 9:42  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

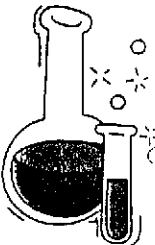
Parameter	Result	Units	Method	Analyzed
<b>Trinovitch.J. May 08- Raw</b>				
MTBE	0.14E	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 9:37  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

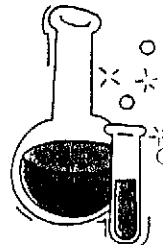
Parameter	Result	Units	Method	Analyzed
<b>Trinovitch.J. May 08- Middle</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Jun-08  
Sample Time: 9:31  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

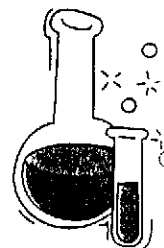
Parameter	Result	Units	Method	Analyzed
<b>Trinovitch.J. May 08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Jun-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

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DICKSON CITY, PA 18519-1593**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: VR  
Date Received: 06-May-08  
Time Received: 16:45

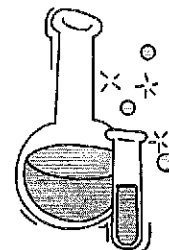
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.KC. 5/6/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

May 14, 2008

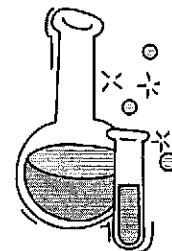
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: RP  
Date Received: 07-May-08  
Time Received: 11:45

Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.KC- 5/7/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.


## ANALYTICAL REPORT

May 14, 2008

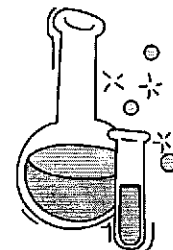
Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.JL. 5/6/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

May 14, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: 06-May-08  
Sample Time: n/a  
Sampled By: client  
Received By: JRM  
Date Received: 06-May-08  
Time Received: 18:35

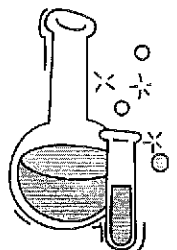
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank. JL. 5/6/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-May-08
Benzene	< 0.5	ug/L	EPA 524.2	13-May-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
Toluene	< 0.5	ug/L	EPA 524.2	13-May-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-May-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-May-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-May-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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# CHAIN OF CUSTODY

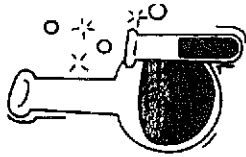
## Special Requirements

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other: \_\_\_\_\_  
 pH: \_\_\_\_\_ Temp: \_\_\_\_\_

TAT: RUSH NORMAL

PROJECT: 27058.02



## Location Sample Description

Kowalski, K. MAYOR - RAW  
 Kowalski, K. MAYOR - MIDDLE  
 Kowalski, K. MAYOR - RAW  
 King, H. MAYOR - TREATED  
 King, H. MAYOR - MIDDLE  
 King, H. MAYOR - RAW  
 Kaszura, R. MAYOR - TREATED  
 Kaszura, R. MAYOR - MIDDLE  
 Kaszura, R. MAYOR - RAW

Date Sampled  
 Time Sampled

5/6/08 0715  
 5/6/08 0717  
 5/6/08 0719  
 5/6/08 0815  
 5/6/08 0817  
 5/6/08 0819  
 5/6/08 0845  
 5/6/08 0847  
 5/6/08 0849

Matrix

DW 4  
 DW 3  
 DW 3  
 DW 4  
 DW 3  
 DW 3  
 DW 4  
 DW 3  
 DW 3

# of Cont / Size

PRSV / Cont Type

4  
 3  
 3  
 4  
 3  
 3  
 4  
 3  
 3

Grab / Composite

G  
 G  
 G  
 G  
 G  
 G  
 G  
 G  
 G

ANALYSIS TO BE PERFORMED

12M-TAB  
 15.5-TAB  
 20M-TAB  
 10M-TAB  
 10M-TAB  
 10M-TAB  
 10M-TAB  
 10M-TAB  
 10M-TAB

P - Plastic CG - Glass AG - Amber Glass O - Other PO #

Invoice #

025-050608  
 0260  
 0227  
 0228  
 0229  
 030  
 031  
 032  
 033

Quantum ID

## Comments:

\* ANALYSIS PER USEPA METHOD 524.2

Sampler: K. Kaszura

Relinquished By: \_\_\_\_\_ Date: 5/6/08 Time: 1045

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Shipped \_\_\_\_\_ Hand Delivered \_\_\_\_\_

Received By: \_\_\_\_\_ Date: 5/1/08 Time: 1645

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Intact Containers Y N

COC Complete Y N

Properly Preserved Y N

Labels Match COC Y N

Rec'd on Ice Y N

Y N

Y N

Y N

Y N

Y N

Within Holding Times Y N

Labels Match COC Y N

Rec'd on Ice Y N

Y N

Y N

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other

Phone: (570) 489-6964

Report to: Pennsylvania Testronics

926 MAIN STREET

Rockville PA 18452

Contact: MARTIN GILMAN

Phone: 487-1999 Fax: 489-1961

Bill to: Pennsylvania Testronics

926 MAIN STREET

Rockville PA 18452

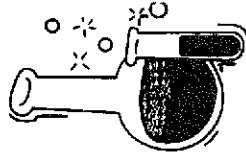
# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TCLP  
 RCRA USE FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH NORMAL

PROJECT: 27058.02



## Location Sample Description

LUDWIGI. M. MAR 08 - TREATED  
 LUDWIGI. M. MAR 08 - MIDDLE  
 LUDWIGI. M. MAR 08 - RAW  
 FEYZEL R. MAR 08 - TREATED  
 FEYZEL R. MAR 08 - MIDDLE  
 FEYZEL R. MAR 08 - RAW  
 TWP/BLK. KC. 5/6/08

Date Sampled  
 Time Sampled

5/6/08 1445  
 5/6/08 1447  
 5/6/08 1449  
 5/6/08 1245  
 5/6/08 1247  
 5/6/08 1250  
 -- --

Matrix

DW  
 DW  
 DW  
 DW  
 DW  
 DW  
 DW

# of Cont / Size

4  
 3  
 3  
 4  
 3  
 3  
 2

PRSV / Cont Type

100% Sample  
 100% Sample  
 100% Sample  
 100% Sample  
 100% Sample  
 100% Sample  
 --

Grab / Composite

G  
 G  
 G  
 G  
 G  
 G  
 G

ANALYSIS TO BE PERFORMED

GASEOUS  
 12,14 - TMB  
 13,15 - TMB  
 HPC  
 HPLC  
 METALS  
 OTHER

P - Plastic

CG - Glass

AG - Amber Glass

O - Other

PO #

P  
 CG  
 AG  
 O  
 PO # 0760

Invoice #

034 - 050608  
 035  
 036  
 037  
 038  
 039  
 040

Quantum ID

Comments: THE BULK FORTED BY LUS

\* ANALYSIS PER USE PA METHOD 524.2

Sampler: K. CUCORA

Shipped

Hand Delivered

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Relinquished By: K. CUCORA  
 Date: 5/6/08 Time: 1645

Received By: [Signature]  
 Date: 5/6/08 Time: 1645

Relinquished By: [Signature]  
 Date: 5/6/08 Time: 1645  
 Received By: [Signature]  
 Date: 5/6/08 Time: 1645

Report to: PENNSYLVANIA TECTONICS  
 826 MAIN STREET  
 ROCKHILL PA 18452  
 Contact: MARTIA GILRAINA  
 Phone: 487.1959 Fax: 487.1961  
 Bill to: PENNSYLVANIA TECTONICS  
 826 MAIN STREET  
 ROCKHILL PA 18452

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other

**CHAIN OF CUSTODY**

**Special Requirements**

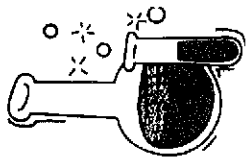
PA DEP ASTM TCLP  
 RCRA UST FORM U

FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH \_\_\_\_\_ **NORMAL**

**PROJECT:** 27058102



**Location Sample Description**

Crossley, B - May 08 - Top  
 Crossley, B - May 08 - Middle  
 Crossley, B - May 08 - Row  
 Strong, B - May 08 - Toted  
 Strong, B - May 08 - Middle  
 Strong, B - May 08 - Row  
 Koznick, M - May 08 - Toted  
 Koznick, M - May 08 - Middle  
 Koznick, M - May 08 - Row

Date Sampled  
 Time Sampled

5/1/08 0735  
 5/1/08 0739  
 5/1/08 0743  
 5/1/08 0806  
 5/1/08 0812  
 5/1/08 0823  
 5/1/08 0912  
 5/1/08 0917  
 5/1/08 0926

Matrix

DW  
 DW  
 DW  
 DW  
 DW  
 DW  
 DW  
 DW  
 DW

# of Cont / Size

4  
 3  
 3  
 4  
 3  
 3  
 4  
 3  
 3

PRSV / Cont Type

HLLG  
 HLLG  
 HLLG  
 HLLG  
 HLLG  
 HLLG  
 HLLG  
 HLLG  
 HLLG

Grab / Composite

X  
 X  
 X  
 X  
 X  
 X  
 X  
 X  
 X

ANALYSIS TO BE PERFORMED

124-TMB  
 135-TMB  
 HR  
 Total Coliform  
 Dioxides

P - Plastic

CG - Glass

AG - Amber Glass

O - Other

PO #

Invoice #

Quantum ID

PO #

Invoice #

Quantum ID

PO #

Invoice #

Quantum ID

**Comments:**

\* Analysis per USEPA Method 524.2

Sampler: Jerry Luchansky  
 Relinquished By: Jerry Luchansky  
 Relinquished By: \_\_\_\_\_

Date: 05/06/08  
 Date: 05/06/08  
 Date: \_\_\_\_\_

Shipped \_\_\_\_\_  
 Hand Delivered \_\_\_\_\_

Intact Containers Y N  
 Within Holding Times Y N  
 COC Complete Y N  
 Labels Match COC Y N  
 Properly Preserved Y N  
 Rec'd on Ice Y N

Phone: (570) 489-6964  
 Fax: (570) 489-6965  
 Report to: PENNSYLVANIA TECHNOLOGICS INC  
 326 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487-1954  
 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECHNOLOGICS INC  
 326 MAIN STREET  
 PECKVILLE PA 18452

DW - Drinking Water  
 GW - Ground Water  
 SW - Surface Water  
 WW - Waste Water  
 SL - Sludge  
 SO - Soil  
 HZ - Hazardous  
 Other

**QUANTUM**  
 ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

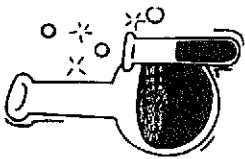
# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH [NORMAL]

PROJECT: 27058.02



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

Phone: (570) 489-6964  
 Report to: PENNSYLVANIA TECTONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLEN  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECTONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452

Page 2 of 2  
 Fax: (570) 489-6965

Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED				Invoice #	PO #
				CG - Glass	AG - Amber Glass	O - Other	Quantum ID		
DW	4	HCL G	G	X	X	X	014	107207	
DW	3	HCL G	G	X	X	X	015		
DW	3	HCL G	G	X	X	X	016		
DW	4	HCL G	G	X	X	X	017		
DW	3	HCL G	G	X	X	X	018		
DW	3	HCL G	G	X	X	X	019		
OE	2	--	--	X	X	X	020		

**Comments:**  
 \* ANALYSIS PER USEPA METHOD 524.2  
 Sampler: Jerry Lichinsky  
 Relinquished By: Jerry Lichinsky Date: 5/6/08 Time: 10:35  
 Relinquished By: [Signature] Date: 5/6/08 Time: 10:35

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Received By: [Signature] Date: 5/6/08 Time: 10:35

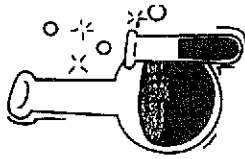
**CHAIN OF CUSTODY**

**Special Requirements**

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH NORMAL

PROJECT: 27058.02.



Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED	Invoice #	Quantum ID
Bright. B. May08 - treated	5-7-08	0815	DW	1	McL. Asst. 6	0	X	025-05078	
Bright. B. May08 - middle	5-7-08	0817	DW	3	McL. Asst. 6	0	X	026-	
Bright. B. May08 - Raw	5-7-08	0819	DW	3	McL. Asst. 6	0	X	027-	
Recharge. M. May08 - treated	5-7-08	0845	DW	4	McL. Asst. 6	0	X	028-	
Recharge. M. May08 - middle	5-7-08	0847	DW	3	McL. Asst. 6	0	X	029-	
Recharge. M. May08 - Raw	5-7-08	0849	DW	3	McL. Asst. 6	0	X	030-	
Nde. D. May08 - Treated	5-7-08	1045	DW	4	McL. Asst. 6	0	X	031-	
Nde. D. May08 - middle	5-7-08	1047	DW	3	McL. Asst. 6	0	X	032-	
Nde. D. May08 - Raw	5-7-08	1049	DW	3	McL. Asst. 6	0	X	033-	

**Comments:**

\* Analysis Per USEPA Method 521.2

Sampler: K. C. CUEVA

Relinquished By: K. C. CUEVA

Date: 5-7-08 Time: 1140

Received By: *Calvin P. Wachter*

Date: 5-7-08 Time: 1145

Relinquished By: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

P - Plastic	CG - Glass	AG - Amber Glass	O - Other	PO #

Phone: (570) 489-6964  
 Report to: PENNSYLVANIA TECHNICS INC.  
 826 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECHNICS INC.  
 826 MAIN STREET  
 PECKVILLE PA 18452

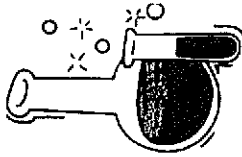
**CHAIN OF CUSTODY**

**Special Requirements**

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH NORMAL

PROJECT: 27058.02



**Location Sample Description**

RABEL P. MAYOR - TREATED  
 RABEL P. MAYOR - MICHK  
 RABEL P. MAYOR - RAW  
 TRIDBANK, KC - 5/7/08

Date Sampled  
 Time Sampled

5-7-08 115  
 5-7-08 117  
 5-7-08 119  
 5-7-08 119

Matrix

DW  
 DW  
 DW  
 DI

# of Cont / Size

4  
 3  
 3  
 2

PRSV / Cont Type

Non  
 PVC  
 PVC  
 -

Grab / Composite

6  
 6  
 6  
 -

ANALYSIS TO BE PERFORMED

CG - Glass  
 P - Plastic

X  
 X  
 X  
 X

AG - Amber Glass  
 O - Other

X  
 X  
 X  
 X

Invoice #

034-050708  
 035-  
 036-  
 037-

PO #

10260

Intact Containers

Y N

COC Complete

Y N

Labels Match COC

Y N

Properly Preserved

Y N

Rec'd on Ice

Y N

Comments: TRIDBANK PREPARED BY LAB.

\* ANALYSIS PER USEPA METHOD 524.2

Sampler: K. CUCORA

Shipped

Hand Delivered

Relinquished By: K. CUCORA Date: 5-7-08 Time: 1140

Received By: Ralph Polachio Date: 5-7-08 Time: 1145

Relinquished By: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Phone: (570) 489-6964

Page 2 of 2

Fax: (570) 489-6965

Report to: PENNSYLVANIA TECNIONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961

Bill to: PENNSYLVANIA TECNIONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other

AG - Amber Glass

O - Other

CG - Glass

P - Plastic

PRSV / Cont Type

Matrix

Date Sampled

Time Sampled

Invoice #

PO #

ANALYSIS TO BE PERFORMED

CG - Glass

P - Plastic

PRSV / Cont Type

# of Cont / Size

Matrix

Date Sampled

Time Sampled

Invoice #

PO #

AG - Amber Glass

O - Other

CG - Glass

P - Plastic

PRSV / Cont Type

Matrix

Date Sampled

Time Sampled

Invoice #

PO #

AG - Amber Glass

O - Other

CG - Glass

P - Plastic

PRSV / Cont Type

Matrix

Date Sampled

Time Sampled

Invoice #

PO #

AG - Amber Glass

O - Other

CG - Glass

P - Plastic

PRSV / Cont Type

Matrix

Date Sampled

Time Sampled

Invoice #

PO #

AG - Amber Glass

O - Other

CG - Glass

P - Plastic

PRSV / Cont Type

Matrix

Date Sampled

Time Sampled

Invoice #

PO #



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

June 12, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: DI Water  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: JRM  
Date Received: 04-Jun-08  
Time Received: 15:47

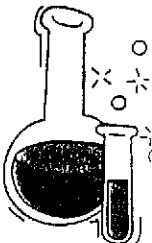
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank1.J.L. 6/4/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Jun-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Jun-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Jun-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Jun-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965



**CHAIN OF CUSTODY**

**Special Requirements**

PA DEP ASTM TOLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_

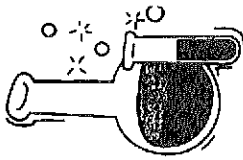
pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH NORMAL

PROJECT: 27058.02

**Location**

Sample Description  
 Lewis Homestead, N. 08/08 - Raw  
 Lewis Homestead, N. 08/08 - Middle  
 Lewis Homestead, N. 08/08 - Raw  
 Jarrow, A. N. 08/08 - Traced  
 Jarrow, A. N. 08/08 - Middle  
 Jarrow, A. N. 08/08 - Raw  
 Kunkin, J. N. 08/08 - Traced  
 Kunkin, J. N. 08/08 - Middle  
 Kunkin, J. N. 08/08 - Raw



Date Sampled  
 6/4/08  
 6/4/08  
 6/4/08  
 6/4/08  
 6/4/08  
 6/4/08  
 6/4/08  
 6/4/08  
 6/4/08

Time Sampled  
 0733  
 0739  
 0745  
 0802  
 0810  
 0817  
 0834  
 0841  
 0847

Matrix

DW  
 DW  
 DW  
 DW  
 DW  
 DW  
 DW  
 DW  
 DW

# of Cont / Size

4  
 3  
 3  
 4  
 3  
 3  
 4  
 3  
 3

PRSV / Cont Type

HLL G  
 HLL G  
 HLL G  
 HLL G  
 HLL G  
 HLL G  
 HLL G  
 HLL G  
 HLL G

Grab / Composite

X  
 X  
 X  
 X  
 X  
 X  
 X  
 X  
 X

Intake/Injection

X  
 X  
 X  
 X  
 X  
 X  
 X  
 X  
 X

LA-4-TMB

X  
 X  
 X  
 X  
 X  
 X  
 X  
 X  
 X

LA-5-TMB

X  
 X  
 X  
 X  
 X  
 X  
 X  
 X  
 X

HPC

X  
 X  
 X  
 X  
 X  
 X  
 X  
 X  
 X

Total Coliform

X  
 X  
 X  
 X  
 X  
 X  
 X  
 X  
 X

ANALYSIS TO BE PERFORMED

X  
 X  
 X  
 X  
 X  
 X  
 X  
 X  
 X

Invoice #

071-060008  
 072  
 073  
 074  
 075  
 076  
 077  
 078  
 079

PO #

10323

Quantum ID

X  
 X  
 X  
 X  
 X  
 X  
 X  
 X

**Comments:**

\* Analysis Per USEPA Method 521-2

Sampler: Jerry Kucharski

Relinquished By: Jerry Kucharski

Relinquished By: \_\_\_\_\_

Shipped Hand Delivered

Date: 6/10/08 Time: 1545

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Intact Containers

Y N

COC Complete

Y N

Properly Preserved

Y N

Within Holding Times

Y N

Labels Match COC

Y N

Rec'd on Ice

Y N

Date: 6/14/08 Time: 1547

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Report to: Pennsylvania Tonics

326 Main Street

Peckville PA 18452

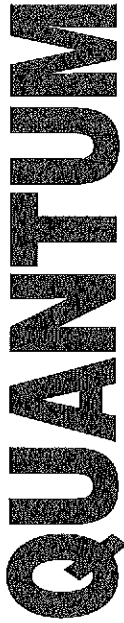
Contact: Martin Gilgallon

Phone: 487-1959 Fax: 487-1961

Bill to: Pennsylvania Tonics

326 Main Street

Peckville PA 18452



ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593

# CHAIN OF CUSTODY

## Special Requirements

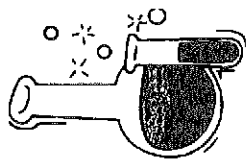
PA DEP ASTM TC\_P  
 RCRA USE FORM U  
 FORM 43

Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH   NORMAL

PROJECT: 27053.02



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593

DW - Drinking Water SL - Sudge

GW - Ground Water SO - Soli

SW - Surface Water HZ - Hazardous

WW - Waste Water Other

Phone: (570) 489-6964

Fax: (570) 489-6965

Page 2 of 3

Report to: PENNSYLVANIA TECTONICS INC

826 MAIN STREET

PECKVILLE PA 18452

Contact: MARTIN GILGALLON

Phone: 487-1959 Fax: 487-1961

Bill to: PENNSYLVANIA TECTONICS INC

826 MAIN STREET

PECKVILLE PA 18452

P - Plastic

CG - Glass

AG - Amber Glass

O - Other

PO #

Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	ANALYSIS TO BE PERFORMED				Invoice #	PO #
						Grab / Composite	649-TMB	135-TMB	X HPC		
Kowalski, W. May 08 - Treated	6/4/08 0902		DW	4	HLL G	X	X	X	X	080-080408	10323
Kowalski, W. May 08 - Middle	6/4/08 0907		DW	3	HLL G	X	X	X	X	081	
Kowalski, W. May 08 - Low	6/4/08 0915		DW	3	HLL G	X	X	X	X	082	
Trinivelt, J. May 08 - Treated	6/4/08 0931		DW	4	HLL G	X	X	X	X	083	
Trinivelt, J. May 08 - Middle	6/4/08 0937		DW	3	HLL G	X	X	X	X	084	
Trinivelt, J. May 08 - Low	6/4/08 0942		DW	3	HLL G	X	X	X	X	085	
Telesz, A. May 08 - Treated	6/4/08 1005		DW	4	HLL G	X	X	X	X	086	
Telesz, A. May 08 - Middle	6/4/08 1009		DW	3	HLL G	X	X	X	X	087	
Telesz, A. May 08 - Low	6/4/08 1015		DW	3	HLL G	X	X	X	X	088	

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Comments:  
 \* Analysis per USEPA Method 524-2  
 Sampler: Jerry Luchansky  
 Relinquished By: Jerry Luchansky Date: 6/10/08 Time: 1545  
 Relinquished By: Mandy Mack Date: 6/14/08 Time: 1547

Shipped / Hand Delivered  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

**CHAIN OF CUSTODY**

**Special Requirements**

PA DEP ASTM TCLP  
 RCRA JUST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH NORMAL

PROJECT: 27058.02

**Location Sample Description**

Baker. W. May 08 - Tankd  
 Baker. W. May 08 - Middle  
 Baker. W. May 08 - Low  
 Kalinowski. K. May 08 - Tankd  
 Kalinowski. K. May 08 - middle  
 Kalinowski. K. May 08 - Low  
 Trip Ebn Ka. T.C. 6/4/08

Date Sampled  
 Time Sampled

4/4/08 1037  
 4/4/08 1044  
 4/4/08 1050  
 6/4/08 1304  
 6/4/08 1311  
 6/4/08 1318  
 -- --

Matrix

DW  
 DW  
 DW  
 DW  
 DW  
 DW  
 DE

# of Cont / Size

4  
 3  
 3  
 4  
 3  
 3  
 2

PRSV / Cont Type

HCL G  
 HCL G  
 HCL G  
 HCL G  
 HCL G  
 HCL G  
 --

Grab / Composite

X  
 X  
 X  
 X  
 X  
 X  
 X

ANALYSIS TO BE PERFORMED

Intended grab  
 X  
 X  
 X  
 X  
 X  
 X

CG - Glass

AG - Amber Glass

O - Other

PO #

Invoice #

Quantum ID

057-060008  
 052-  
 053-  
 054-  
 055-  
 056-  
 057-  
 --  
 --

**Comments:**

\* Analysis per USEPA Method 514-2

Sampler: Jerry Luchowski

Relinquished By: Jerry Luchowski

Relinquished By:

Shipped / Hand Delivered

Date: 6/4/08 Time: 1545

Date: Time:

Intact Containers Y N

COC Complete Y N

Properly Preserved Y N

Within Holding Times Y N

Labels Match COC Y N

Rec'd on Ice Y N

Date: 6/4/08 Time: 1547

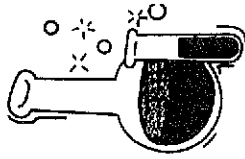
Date: Time:

Report to: Pennsylvania Technics Inc.  
 816 Main Street  
 Pectville PA 19452  
 Contact: Marta Gilgallon  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: Pennsylvania Technics  
 816 Main Street  
 Pectville PA 19452



ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593



POET System Sampling Analytical Data Sheets

July 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

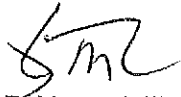
July 25, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

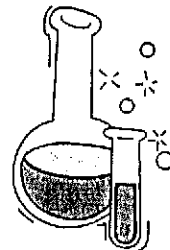
Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Jul-08  
Sample Time: 8:15  
Sampled By: client  
Received By: JC  
Date Received: 18-Jul-08  
Time Received: 10:30

Parameter	Result	Units	Method	Analyzed
<b>Jarrow.A-July08- RAW</b>				
MTBE	17.8	ug/L	EPA 524.2	24-Jul-08
Benzene	0.22E	ug/L	EPA 524.2	24-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08

E estimated value

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
**824 ENTERPRISE STREET**  
**DICKSON CITY, PA 18519-1593**  
**PHONE: (570) 489-6964**      **FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

July 25, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Jul-08  
Sample Time: 8:10  
Sampled By: client  
Received By: JC  
Date Received: 18-Jul-08  
Time Received: 10:30

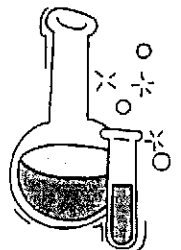
Parameter	Result	Units	Method	Analyzed
<b>Jarrow.A-July08- MIDDLE</b>				
MTBE	< 0.5	ug/L	EPA 524.2	24-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

July 25, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 18-Jul-08  
Sample Time: 8:00  
Sampled By: client  
Received By: JC  
Date Received: 18-Jul-08  
Time Received: 10:30

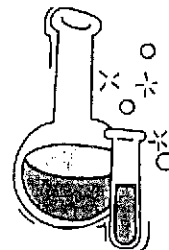
Parameter	Result	Units	Method	Analyzed
<b>Jarrow.A-July08- TREATED</b>				
MTBE	< 0.5	ug/L	EPA 524.2	24-Jul-08
Benzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Toluene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Naphthalene	< 0.5	ug/L	EPA 524.2	24-Jul-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	24-Jul-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	24-Jul-08

Joe R. Mussari, III  
Laboratory Director

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824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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POET System Sampling Analytical Data Sheets

August / December 2008

# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:20  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

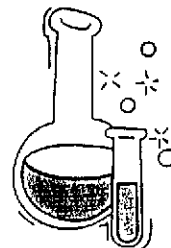
Parameter	Result	Units	Method	Analyzed
<b>Bobar.W.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:13  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

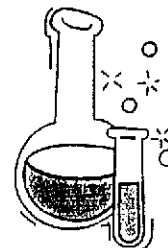
Parameter	Result	Units	Method	Analyzed
<b>Bobar.W.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:07  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

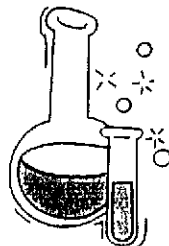
Parameter	Result	Units	Method	Analyzed
<b>Bobar.W.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:55  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

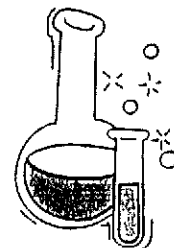
Parameter	Result	Units	Method	Analyzed
<b>Bright.B.Aug08- Raw</b>				
MTBE	6.2	ug/L	EPA 8260B	08-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	08-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:50  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

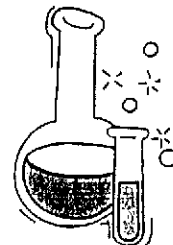
Parameter	Result	Units	Method	Analyzed
<b>Bright.B.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	08-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	08-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08

Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:45  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

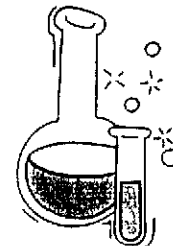
Parameter	Result	Units	Method	Analyzed
<b>Bright.B.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

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**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:57  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

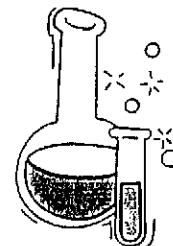
Parameter	Result	Units	Method	Analyzed
<b>Crossley.B.Aug08- Raw</b>				
MTBE	14.8	ug/L	EPA 8260B	09-Aug-08
Benzene	16.6	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:51  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

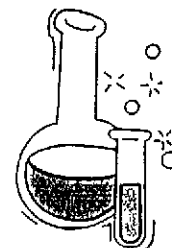
Parameter	Result	Units	Method	Analyzed
<b>Crossley.B.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:46  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

Parameter	Result	Units	Method	Analyzed
<b>Crossley.B.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 17:10  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

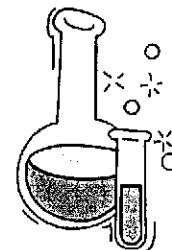
Parameter	Result	Units	Method	Analyzed
<b>Fryzel.R.Aug08- Raw</b>				
MTBE	5.2	ug/L	EPA 8260B	10-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	10-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 17:03  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

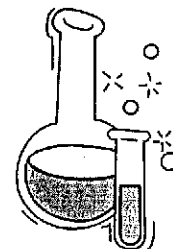
Parameter	Result	Units	Method	Analyzed
<b>Fryzel.R.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	10-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	10-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08

Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 16:48  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

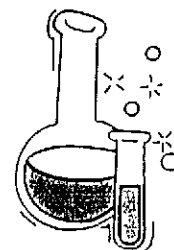
Parameter	Result	Units	Method	Analyzed
<b>Fryzel.R.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	13	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:43  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

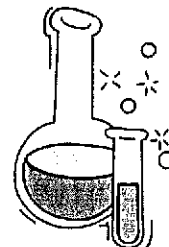
Parameter	Result	Units	Method	Analyzed
<b>Hryhorcoff.W.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:37  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

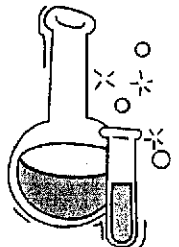
Parameter	Result	Units	Method	Analyzed
<b>Hryhorcoff.W.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:32  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

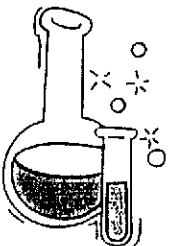
Parameter	Result	Units	Method	Analyzed
<b>Hryhorcoff.M.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	6	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:14  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

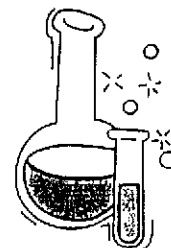
Parameter	Result	Units	Method	Analyzed
<b>Jarrow.A.Aug08- Raw</b>				
MTBE	8.2	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:11  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

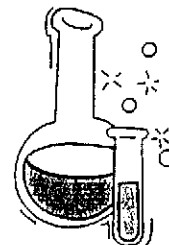
Parameter	Result	Units	Method	Analyzed
<b>Jarrow.A.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:05  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

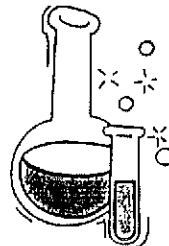
Parameter	Result	Units	Method	Analyzed
<b>Jarrow.A.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 11:25  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

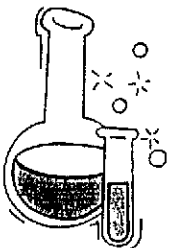
Parameter	Result	Units	Method	Analyzed
<b>Kalinowski.K.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 11:20  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

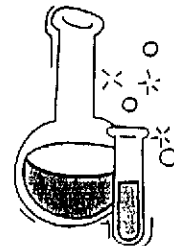
Parameter	Result	Units	Method	Analyzed
<b>Kalinowski.K.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 11:15  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

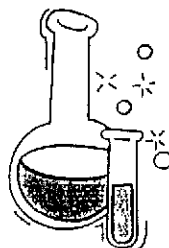
Parameter	Result	Units	Method	Analyzed
<b>Kalinowski.K.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:25  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

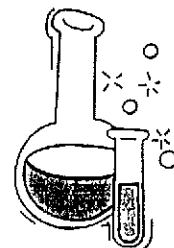
Parameter	Result	Units	Method	Analyzed
<b>Kazuba.R.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
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August 11, 2008

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Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:20  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

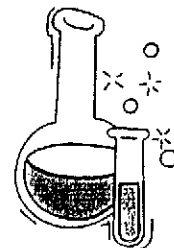
Parameter	Result	Units	Method	Analyzed
<b>Kazuba.R.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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August 11, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:15  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

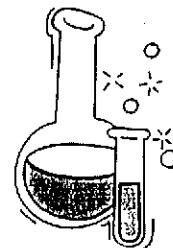
Parameter	Result	Units	Method	Analyzed
<b>Kazuba.R.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK**  
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## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:25  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

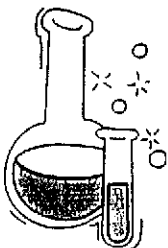
Parameter	Result	Units	Method	Analyzed
<b>King.H.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	08-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	08-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08

  
Joe R. Mussari, III  
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Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:20  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

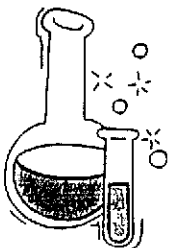
Parameter	Result	Units	Method	Analyzed
<b>King.H.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	08-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	08-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08

  
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Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:15  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

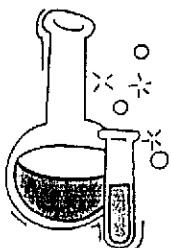
Parameter	Result	Units	Method	Analyzed
<b>King.H.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:59  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

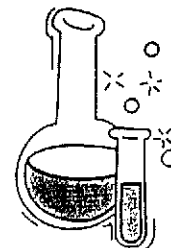
Parameter	Result	Units	Method	Analyzed
<b>Kovaleski.K.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:52  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

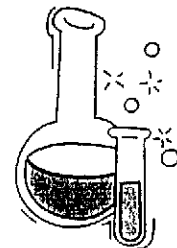
Parameter	Result	Units	Method	Analyzed
<b>Kovaleski.K.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:46  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

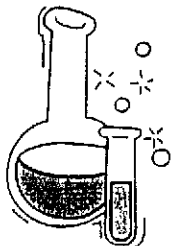
Parameter	Result	Units	Method	Analyzed
<b>Kovaleski.K.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	PRESENCE	cfu /100mL	SM20 9222 B	05-Aug-08
Fecal Coliform	PRESENCE	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	7	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:25  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

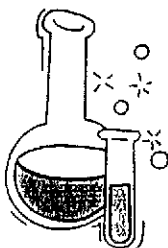
Parameter	Result	Units	Method	Analyzed
<b>Kowalski.W.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	08-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	08-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08

  
Joe R. Mussari, III  
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## ANALYTICAL REPORT

August 11, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:20  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

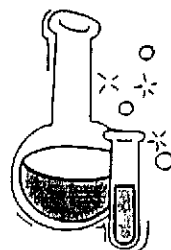
Parameter	Result	Units	Method	Analyzed
<b>Kowalski.W.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	08-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	08-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	08-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	08-Aug-08

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826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:15  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

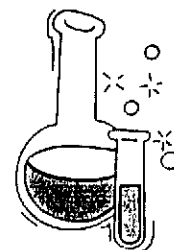
Parameter	Result	Units	Method	Analyzed
<b>Kowalski.W.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 10:25  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

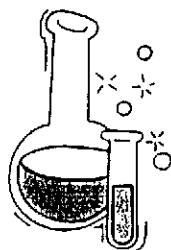
Parameter	Result	Units	Method	Analyzed
<b>Kuzmiak.M.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 10:20  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

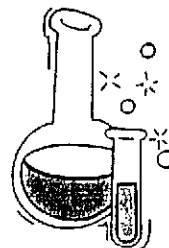
Parameter	Result	Units	Method	Analyzed
<b>Kuzmiak.M.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 10:15  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

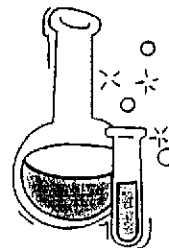
Parameter	Result	Units	Method	Analyzed
<b>Kuzmiak.M.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:55  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

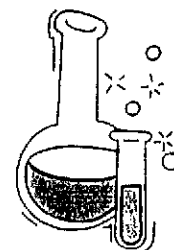
Parameter	Result	Units	Method	Analyzed
<b>Kvaka.J.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
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## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:50  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

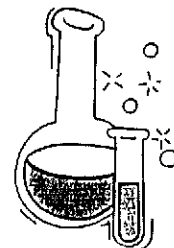
Parameter	Result	Units	Method	Analyzed
<b>Kvaka.J.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
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August 11, 2008

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826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 8:45  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

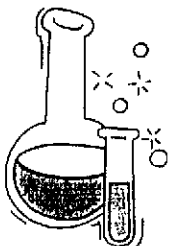
Parameter	Result	Units	Method	Analyzed
<b>Kvaka.J.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:17  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

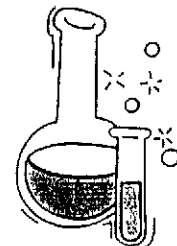
Parameter	Result	Units	Method	Analyzed
<b>Lewis Homestead.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:12  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

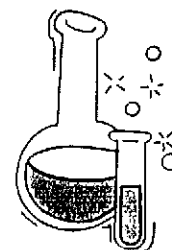
Parameter	Result	Units	Method	Analyzed
<b>Lewis Homestead.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 7:03  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

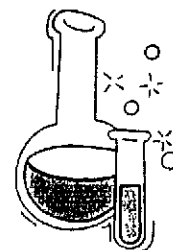
Parameter	Result	Units	Method	Analyzed
<b>Lewis Homestead.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 16:55  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

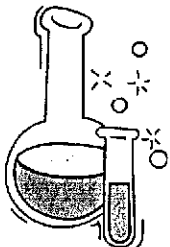
Parameter	Result	Units	Method	Analyzed
<b>Lupini.M.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 16:50  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

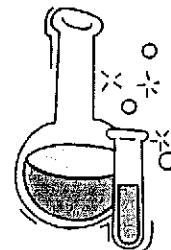
Parameter	Result	Units	Method	Analyzed
<b>Lupini.M.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Musari, III  
Laboratory Director

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## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 16:45  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

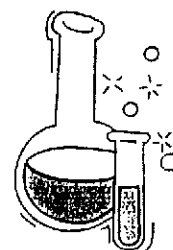
Parameter	Result	Units	Method	Analyzed
<b>Lupini.M.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	2	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT

August 11, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
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Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:55  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

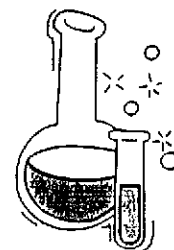
Parameter	Result	Units	Method	Analyzed
<b>Nole.D.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
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## ANALYTICAL REPORT

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Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:50  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

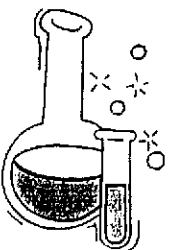
Parameter	Result	Units	Method	Analyzed
<b>Note.D.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
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DICKSON CITY, PA 18519-1593

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FAX: (570) 489-6965





# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 9:45  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

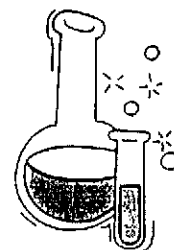
Parameter	Result	Units	Method	Analyzed
<b>Nole.D.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 14:25  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

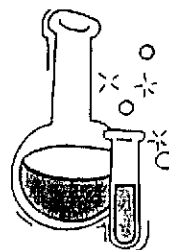
Parameter	Result	Units	Method	Analyzed
<b>Pascavage.M.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 14:20  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

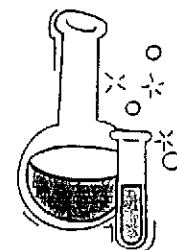
Parameter	Result	Units	Method	Analyzed
<b>Pascavage.M.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

Joe R. Mussari, III  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 14:15  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

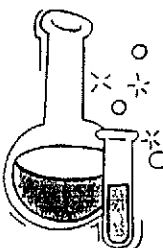
Parameter	Result	Units	Method	Analyzed
<b>Pascavage.M.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 13, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 13-Aug-08  
Sample Time: 16:30  
Sampled By: client  
Received By: JRM  
Date Received: 13-Aug-08  
Time Received: 17:03

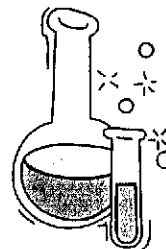
Parameter	Result	Units	Method	Analyzed
<b>Pruzinski.J.Aug08-Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	13-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	13-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	13-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	13-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 13, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 13-Aug-08  
Sample Time: 16:21  
Sampled By: client  
Received By: JRM  
Date Received: 13-Aug-08  
Time Received: 17:03

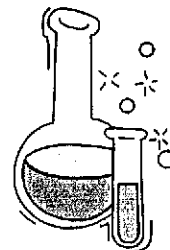
Parameter	Result	Units	Method	Analyzed
<b>Pruzinski.J.Aug08-Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	13-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	13-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	13-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	13-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	13-Aug-08

  
Joe R. Mussari, III  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 13, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 13-Aug-08  
Sample Time: 16:15  
Sampled By: client  
Received By: JRM  
Date Received: 13-Aug-08  
Time Received: 17:03

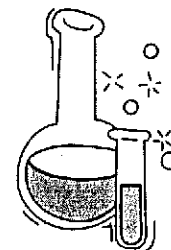
Parameter	Result	Units	Method	Analyzed
<b>Pruzinski.J.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	13-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	13-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	13-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	13-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	13-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	13-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	13-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	13-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 10:15  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

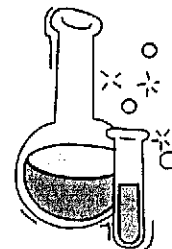
Parameter	Result	Units	Method	Analyzed
<b>Rabel.P.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	10-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	10-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 10:08  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

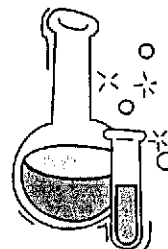
Parameter	Result	Units	Method	Analyzed
<b>Rabel.P.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	10-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	10-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 10:02  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

Parameter	Result	Units	Method	Analyzed
<b>Rabel.P.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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824 ENTERPRISE STREET  
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**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 14:22  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

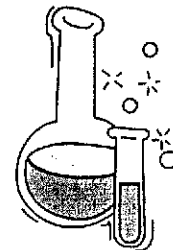
Parameter	Result	Units	Method	Analyzed
<b>Strong.B.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	10-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	10-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT

August 11, 2008

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Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 14:15  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

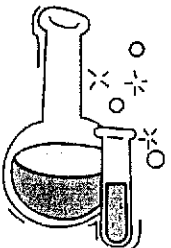
Parameter	Result	Units	Method	Analyzed
<b>Strong.B.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	10-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	10-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08

  
Joe R. Mussari, III  
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## ANALYTICAL REPORT

August 11, 2008

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826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 14:08  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

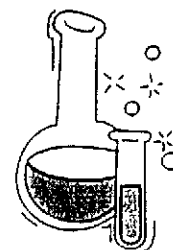
Parameter	Result	Units	Method	Analyzed
<b>Strong.B.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

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## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 14:50  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

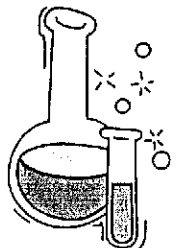
Parameter	Result	Units	Method	Analyzed
<b>Telesz.A.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	10-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	10-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 14:43  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

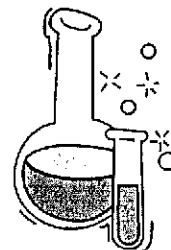
Parameter	Result	Units	Method	Analyzed
<b>Telesz.A.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	10-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	10-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	10-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	10-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT


August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 14:35  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

Parameter	Result	Units	Method	Analyzed
<b>Telesz.A.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
* Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
* HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

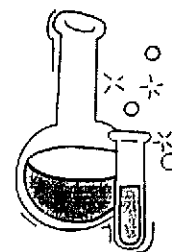
\* Sampled 05-Aug-08 @ 15:00

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**





# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 16:25  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

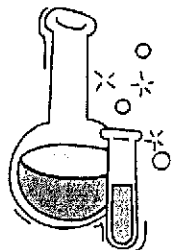
Parameter	Result	Units	Method	Analyzed
<b>Trinovitch.J.Aug08- Raw</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**

## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 16:20  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

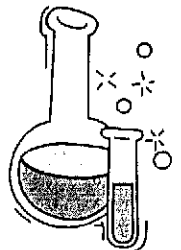
Parameter	Result	Units	Method	Analyzed
<b>Trinovitch.J.Aug08- Middle</b>				
MTBE	< 5.0	ug/L	EPA 8260B	09-Aug-08
Benzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Ethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Isopropylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Toluene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Naphthalene	< 5.0	ug/L	EPA 8260B	09-Aug-08
Xylenes (total)	< 15.0	ug/L	EPA 8260B	09-Aug-08
1,3,5-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08
1,2,4-Trimethylbenzene	< 5.0	ug/L	EPA 8260B	09-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: Drinking Water  
Sample Date: 04-Aug-08  
Sample Time: 16:15  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

Parameter	Result	Units	Method	Analyzed
<b>Trinovitch.J.Aug08- Treated</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Total Coliform	Absence	cfu /100mL	SM20 9222 B	05-Aug-08
HPC	< 1	cfu /100mL	SM20 9215 D	05-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: n/a  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: JRM  
Date Received: 04-Aug-08  
Time Received: 18:50

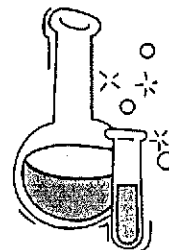
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.JL.8/4/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593

PHONE: (570) 489-6964

FAX: (570) 489-6965



# QUANTUM

**ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.**


## ANALYTICAL REPORT

August 11, 2008

Martin Gilgallon  
Pennsylvania Tectonics, Inc.  
826 Main Street  
Peckville, PA 18452

Project: 27058.02  
Sample Matrix: n/a  
Sample Date: n/a  
Sample Time: n/a  
Sampled By: client  
Received By: DU  
Date Received: 04-Aug-08  
Time Received: 17:05

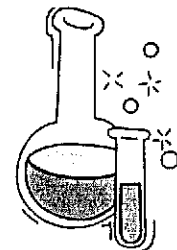
Parameter	Result	Units	Method	Analyzed
<b>Trip Blank.KC.8/4/08</b>				
MTBE	< 0.5	ug/L	EPA 524.2	11-Aug-08
Benzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Ethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Isopropylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Toluene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Naphthalene	< 0.5	ug/L	EPA 524.2	11-Aug-08
Xylenes (total)	< 1.5	ug/L	EPA 524.2	11-Aug-08
1,3,5-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08
1,2,4-Trimethylbenzene	< 0.5	ug/L	EPA 524.2	11-Aug-08

  
Joe R. Mussari, III  
Laboratory Director

**DICKSON CITY INDUSTRIAL PARK  
824 ENTERPRISE STREET  
DICKSON CITY, PA 18519-1593**

**PHONE: (570) 489-6964**

**FAX: (570) 489-6965**



# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1993

## CHAIN OF CUSTODY

### Special Requirements

PA DEP ASTM TCLP

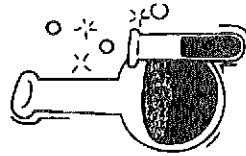
RCRA LST FORM U

FORM 43

Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH NORMAL



PROJECT: 2705808

Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	Intended Use
Lewis Homestead, Aug 08 - Trench	8/4/08	0703	DW	4	HLL G	G	X
Lewis Homestead, Aug 08 - Middle	8/4/08	0712	DW	3	HLL G	G	X
Lewis Homestead, Aug 08 - Row	8/4/08	0717	DW	3	HLL G	G	X
Crossley, B. Aug 08 - Trench	8/4/08	0746	DW	4	HLL G	G	X
Crossley, B. Aug 08 - Middle	8/4/08	0751	DW	3	HLL G	G	X
Crossley, B. Aug 08 - Row	8/4/08	0757	DW	3	HLL G	G	X
Jarmon, A. Aug 08 - Trench	8/4/08	0805	DW	4	HLL G	G	X
Jarmon, A. Aug 08 - Middle	8/4/08	0811	DW	3	HLL G	G	X
Jarmon, A. Aug 08 - Row	8/4/08	0817	DW	3	HLL G	G	X

Comments: \* Trench Middle Analyses USEPA Method 8260  
\* \* Trench Analyses USEPA Method 5241-A

Sampler: Jerry Luchinsky

Relinquished By: Jerry Luchinsky Date: 8/4/08 Time: 1850

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Phone: (570) 489-6964 Fax: (570) 489-6965

Report to: PENNSYLVANIA TECTONICS INC

826 MAIN STREET

PECKVILLE PA 18452

Contact: MARTIN GILGALLON

Phone: 487-1959 Fax: 487-1961

Bill to: PENNSYLVANIA TECTONICS INC

826 MAIN STREET

PECKVILLE PA 18452

P - Plastic CG - Glass AG - Amber Glass O - Other PO #

ANALYSIS TO BE PERFORMED	Invoice #	Quantum ID
X HPLC	001-080508	
X I.S.-TAB	002-080508	
X I.S.-TAB	003-080508	
X I.S.-TAB	004-080508	
X I.S.-TAB	005-080508	
X I.S.-TAB	006-080508	
X I.S.-TAB	007-080508	
X I.S.-TAB	008-080508	
X I.S.-TAB	009-080508	

Intact Containers Y N Within Holding Times Y N  
COC Complete Y N Labels Match COC Y N  
Properly Preserved Y N Rec'd on Ice Y N

Received By: \_\_\_\_\_ Date: 8/4/08 Time: 1850

Received By: \_\_\_\_\_ Date: 8/4/08 Time: 1850

# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TCLP

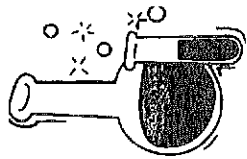
RCRA UST FORM U

FORM 48

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH  NORMAL

PROJECT: 27058.02



Location	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	UNGRADED % GASOLINE % Liquor % TMB % HPC % TOTAL % COLIFORM	ANALYSIS TO BE PERFORMED	Invoice #	Quantum ID
Kowaleski, K. Aug 08 - Treated	8/14/08	0846	DW	4	HCL 6	G	X	X	135-TMB	010 - 080508
Kowaleski, K. Aug 08 - Middle	8/14/08	0852	DW	3	HCL 6	G	X	X		011 - 080508
Kowaleski, K. Aug 08 - Raw	8/14/08	0859	DW	3	HCL 6	G	X	X		012 - 080508
Bobar, W. Aug 08 - Treated	8/14/08	0907	DW	4	HCL 6	G	X	X		013 - 080508
Bobar, W. Aug 08 - Middle	8/14/08	0913	DW	3	HCL 6	G	X	X		014 - 080508
Bobar, W. Aug 08 - Raw	8/14/08	0920	DW	3	HCL 6	G	X	X		015 - 080508
Hydrocoff, A. Aug 08 - Treated	8/14/08	0932	DW	4	HCL 6	G	X	X		016 - 080508
Hydrocoff, A. Aug 08 - Middle	8/14/08	0937	DW	3	HCL 6	G	X	X		017 - 080508
Hydrocoff, A. Aug 08 - Raw	8/14/08	0943	DW	3	HCL 6	G	X	X		018 - 080508

Comments: % RAW + MIDDLE ANALYSES USE EPA METHOD 8360

\* TREATED ANALYSES USE EPA METHOD 524.2

Sampler: Jerry Lukins, K.

Relinquished By: Jerry Lukins

Relinquished By: \_\_\_\_\_

Date: 8/14/08 Time: 1850

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Shipped  Hand Delivered

Received By: \_\_\_\_\_

Received By: \_\_\_\_\_

Date: \_\_\_\_\_

Date: 8.4.8 Time: 17:50

Phone: (570) 489-6964

Report to: PENNSYLVANIA TECTONICS INC.

826 MAIN STREET

PECKVILLE PA 18452

Contact: MARTIN GILGALLAN

Phone: 487-1959 Fax: 487-1961

Bill to: PENNSYLVANIA TECTONICS INC.

826 MAIN STREET

PECKVILLE PA 18452

P - Plastic CG - Glass AG - Amber Glass O - Other PO # 10396

DW - Drinking Water SL - Sludge

GW - Ground Water SO - Soil

SW - Surface Water HZ - Hazardous

WW - Waste Water Other

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593

# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH NORMAL

PROJECT: 27058.02

### Location Sample Description

8/14/08 Babel, P. Aug 08 - Trkd  
 8/14/08 Babel, P. Aug 08 - Middle  
 8/14/08 Babel, P. Aug 08 - Row  
 8/14/08 Strong, B. Aug 08 - Trkd  
 8/14/08 Strong, B. Aug 08 - Middle  
 8/14/08 Strong, B. Aug 08 - Row  
 8/14/08 Telesz, A. Aug 08 - Trkd  
 8/14/08 Telesz, A. Aug 08 - Middle  
 8/14/08 Telesz, A. Aug 08 - Row

Date Sampled  
 Time Sampled

Matrix

# of Cont / Size

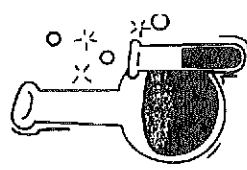
PRSV / Cont Type

Grab / Composite

ANALYSIS TO BE PERFORMED

Invoice #

Quantum ID



DW - Drinking Water  
 GW - Ground Water  
 SW - Surface Water  
 WW - Waste Water

SL - Sludge  
 SO - Sol.  
 HZ - Hazardous  
 Other

P - Plastic CG - Glass AG - Amber Glass O - Other PO #

Phone: (570) 489-6964  
 Report to: PENNSYLVANIA TECTONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN WILGALLON  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECTONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452

Page 3 of 4

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.  
 Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593

Comments: \* Row + Middle Analyses USEPA method 8260

\* \* Treated Analyses USEPA Method 524-2

Sampler: Jerry Luchinsky

Relinquished By: Jerry Luchinsky

Relinquished By:

Shipoc Hand Delivered

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Received By: S. R. [Signature] Date: 8/14/08 Time: 17:50  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



**CHAIN OF CUSTODY**

Special Requirements

PA DEP AS (M) Y (U) Y  
 HOPA USE (C) Y (U) Y  
 FORM 409

Office \_\_\_\_\_  
 Date \_\_\_\_\_

LAB USE INITIAL

PROJECT: 27058.03

Location  
 Sample Description

Fryzel R. Agos - Trunk  
Fryzel R. Agos - Middle  
Fryzel R. Agos - Rear  
Trip Blank IL 8/4/08

Date Sampled  
 Time Sampled

8/4/08 1648  
8/4/08 1703  
8/4/08 1710  
-- --

Matrix

OW  
OW  
OW  
OW

# of Cont./Size

4  
3  
3  
2

PRSV / Cont Type

HLL G  
HLL G  
HLL G  
HLL G

Grab / Composite

X  
X  
X  
X

Control # / #

X  
X  
X  
X

1.35-TMB

X  
X  
X  
X

1.35-TMB

X  
X  
X  
X

HPCL

X  
X  
X  
X

Total / #

X  
X  
X  
X

ANALYSIS TO BE PERFORMED

028 - 080508  
029 - 080508  
030 - 080508  
031 - 080508

Invoice #

10396

PO #

10396

Quantum ID

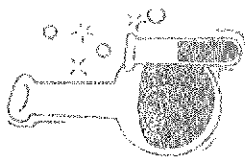
**QUANTUM**

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593



Phone: (570) 489-8964

Report to: Peninsulara Technics Inc

826 Main Street

Peckville PA 19452

Contact: Mark G. Gallon

Phone: 487-1959 Fax: 487-1961

Bill to: Peninsulara Technics Inc

826 Main Street

Peckville PA 19452

Comments: # Raw + middle analyses USEPA method 8260  
# Tracked Analyses USEPA method 504-2

Samples: Rock Lake

Relinquished By: Angie Kuby

Relinquished By:

Date: 8/4/08 Time: 1850

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: ATB

Received By:

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Time: \_\_\_\_\_

Date: 8.4.8 Time: 18.50

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

# QUANTUM

## CHAIN OF CUSTODY

### Special Requirements

PA DEP AS 111 TC 1P  
 PCRA 457 FORM C  
 TORM 12

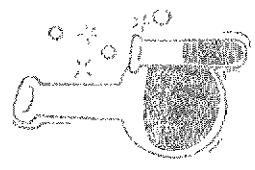
Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 (A TRUS) None

PROJECT: 27058.02

Location  
 Sample Description

Telesz. A. Aug 08-Treated 9/5/08 1500 DV

Date Sampled  
 Time Sampled



Matrix

# of Cont / Size

PRGV / Cont Type

Grab / Composite

P - Plastic

CG - Glass

AG - All other Glass

O - Other

PO#

ANALYSIS TO BE PERFORMED

Invoice #

Quantum ID

Sediment

HPC

Total Coliform

008-080509

00396

00396

Phone: (570) 489-6954

Report to: Pennsylvania Technics Inc

826 Main Street

Peckville PA 19452

Contact: Martin G. Gullion

Phone: 497-1959 Fax: 497-1961

Bill to: Pennsylvania Technics Inc

826 Main Street

Peckville PA 19452

Comments:

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Property Preserved Y N Rec'd on Ice Y N

Sampler: Jerry Lubanski

Relinquished By: Jerry Lubanski

Date: 8/5/08 Time: 1515

Received By: Kelly Pischke

Date: 8-5-08 Time: 1515

Relinquished By:

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By:

Date: \_\_\_\_\_ Time: \_\_\_\_\_

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593

## CHAIN OF CUSTODY

### Special Requirements

PA DEP: ASTM TCLP

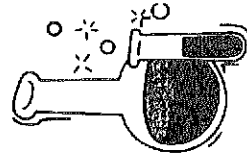
RCRA: UST FORM U

FORM 43

Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH \_\_\_\_\_ [NORMAL]



PROJECT: 27058.02

Date Sampled	Time Sampled	Matrix	# of Cont / Size
8/4/08	0715	DW	4 HCL 6
8/4/08	0720	DW	3 HCL 6
8/4/08	0725	DW	3 HCL 6
8/4/08	0745	DW	4 HCL 6
8/4/08	0750	DW	3 HCL 6
8/4/08	0755	DW	3 HCL 6
8/4/08	0815	DW	4 HCL 6
8/4/08	0820	DW	3 HCL 6
8/4/08	0825	DW	3 HCL 6

### Location Sample Description

King, H. Aug 08 - Treated  
 King, H. Aug 08 - Middle  
 King, H. Aug 08 - RAW  
 Bright, B. Aug 08 - Treated  
 Bright, B. Aug 08 - Middle  
 Bright, B. Aug 08 - RAW  
 Kowalski, W. Aug 08 - Treated  
 Kowalski, W. Aug 08 - Middle  
 Kowalski, W. Aug 08 - RAW

Comments: \* RAW + MIDDLE ANALYSES USEPA METHOD 82100

\*\* TREATED ANALYSES USEPA METHOD 524.2

Sampler: K. C. Cava

Relinquished By: *[Signature]* Date: 8/4/08 Time: 1705

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Shipped \_\_\_\_\_ Hand Delivered

Received By: *[Signature]* Date: 8/4/08 Time: 1705

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

P - Plastic	CG - Glass	AG - Amber Glass	O - Other	PO #	ANALYSIS TO BE PERFORMED							Invoice #	Quantum ID
					Grab / Composite	UNLEADED #	12.4-TMB	12.5-TMB	HPC	TOTAL COLIFORM	PRSV / Cont Type		
						X	X	X	X	X		038 - 080408	
						X	X	X	X	X		039 - 080408	
						X	X	X	X	X		040 - 080408	
						X	X	X	X	X		041 - 080408	
						X	X	X	X	X		042 - 080408	
						X	X	X	X	X		043 - 080408	
						X	X	X	X	X		044 - 080408	
						X	X	X	X	X		045 - 080408	
						X	X	X	X	X		046 - 080408	

Intact Containers	Y	N	Within Holding Times	Y	N
COC Complete	Y	N	Labels Match COC	Y	N
Properly Preserved	Y	N	Rec'd on Ice	Y	N

Phone: (570) 489-6964 Page 1 of 4  
 Fax: (570) 489-6965  
 Report to: PENNSYLVANIA TECTONICS INC  
 824 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECTONICS INC.  
 824 MAIN STREET  
 PECKVILLE PA 18452

# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TOLP

RCRA UST FORM U

FORM 43

Other: \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

TAT: RUSH   NORMAL

PROJECT: 27058.02

### Location Sample Description

Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	UNLEADED GASOLINE	12.4-TMG	13.5-TMG	HPC	TOTAL COLIFORM	ANALYSIS TO BE PERFORMED	Invoice #	PO #
8.4.08	0845	DW	4	HCL 6	G	X	X	X	X	X		047	-080408
8.4.08	0850	DW	3	HCL 6	G	X	X	X	X	X		048	-080408
8.4.08	0855	DW	3	HCL 6	G	X	X	X	X	X		049	-080408
8.4.08	0915	DW	4	HCL 6	G	X	X	X	X	X		050	-080408
8.4.08	0920	DW	3	HCL 6	G	X	X	X	X	X		051	-080408
8.4.08	0925	DW	3	HCL 6	G	X	X	X	X	X		052	-080408
8.4.08	0945	DW	4	HCL 6	G	X	X	X	X	X		053	-080408
8.4.08	0950	DW	3	HCL 6	G	X	X	X	X	X		054	-080408
8.4.08	0955	DW	3	HCL 6	G	X	X	X	X	X		055	-080408

Comments: \* RAW + MIDDLE ANALYSES USEPA METHOD 8260  
 \*\* TREATED ANALYSES USEPA METHOD 524-2.

Sampler: K. Cukura

Reinquired By: *[Signature]* Date: 8.9.08 Time: 1705

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Shipoc  Hand Delivered

Received By: *[Signature]* Date: 8/4/08 Time: 1705

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

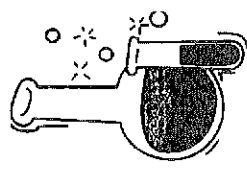
# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park

824 Enterprise Street

Dickson City, PA 18519-1593



DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other

P - Plastic CG - Glass AG - Amber Glass O - Other

PO #

Report to: PENNSYLVANIA TECTONICS INC.  
 826 MAIN STREET  
 PECKVILLE PA 18452

Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECTONICS INC.  
 826 MAIN STREET  
 PECKVILLE PA 18452

Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	UNLEADED GASOLINE	12.4-TMG	13.5-TMG	HPC	TOTAL COLIFORM	ANALYSIS TO BE PERFORMED	Invoice #	Quantum ID
DW	4	HCL 6	G	X	X	X	X	X		047	-080408
DW	3	HCL 6	G	X	X	X	X	X		048	-080408
DW	3	HCL 6	G	X	X	X	X	X		049	-080408
DW	4	HCL 6	G	X	X	X	X	X		050	-080408
DW	3	HCL 6	G	X	X	X	X	X		051	-080408
DW	3	HCL 6	G	X	X	X	X	X		052	-080408
DW	4	HCL 6	G	X	X	X	X	X		053	-080408
DW	3	HCL 6	G	X	X	X	X	X		054	-080408
DW	3	HCL 6	G	X	X	X	X	X		055	-080408

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TCLP  
 RCRA UST FORM U  
 FORM 43

Other \_\_\_\_\_  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH \_\_\_\_\_ **NORMAL**

Phone: (570) 489-6964  
 Fax: (570) 489-6965

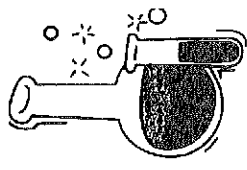
Page 3 of 4

Report to: PENNSYLVANIA TECTONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961

Bill to: PENNSYLVANIA TECTONICS INC  
 826 MAIN STREET  
 PECKVILLE PA 18452

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.  
 Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593



DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

PROJECT: 27058.02	Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	ANALYSIS TO BE PERFORMED										Invoice #	PO #
						CG - Glass	AG - Amber Glass	O - Other	P - Plastic	Grab / Composite	PRSV / Cont Type	LEADED * GASOLINE	1.04-TMB	1.35-TMB	HPC		
	Kozniak. M. Aug 08 - Treated	8/4/08	1015	DW	4	HCL G	X	X	X	X	X	X	X	X	X	056 - 080408	
	Kozniak. M. Aug 08 - Middle	8/4/08	1020	DW	3	HCL G	X	X	X	X	X	X	X	X	X	057 - 080408	
	Kozniak. M. Aug 08 - Raw	8/4/08	1025	DW	3	HCL G	X	X	X	X	X	X	X	X	X	058 - 080408	
	Kalinowski. K. Aug 08 - Treated	8/4/08	1115	DW	4	HCL G	X	X	X	X	X	X	X	X	X	059 - 080408	
	Kalinowski. K. Aug 08 - Middle	8/4/08	1120	DW	3	HCL G	X	X	X	X	X	X	X	X	X	060 - 080408	
	Kalinowski. K. Aug 08 - Raw	8/4/08	1125	DW	3	HCL G	X	X	X	X	X	X	X	X	X	061 - 080408	
	Paszynski. M. Aug 08 - Treated	8/4/08	1415	DW	4	HCL G	X	X	X	X	X	X	X	X	X	062 - 080408	
	Paszynski. M. Aug 08 - Middle	8/4/08	1420	DW	3	HCL G	X	X	X	X	X	X	X	X	X	063 - 080408	
	Paszynski. M. Aug 08 - Raw	8/4/08	1425	DW	3	HCL G	X	X	X	X	X	X	X	X	X	064 - 080408	

Intact Containers Y N Within Holding Times Y N  
 COC Complete Y N Labels Match COC Y N  
 Properly Preserved Y N Rec'd on Ice Y N

Comments: \* - Raw + Middle Analyses USEPA METHOD 8260  
 \*\* TREATED ANALYSES USEPA METHOD 534-B.  
 Sampler: K. CALDWELL  
 Relinquished By: K. C. [Signature]  
 Date: 8/4/08 Time: 1705  
 Received By: [Signature] Date: 8/14/08 Time: 1705

# CHAIN OF CUSTODY

## Special Requirements

PA DEP ASTM TCLP  
 RCRA JUST FORM U  
 FORM 43

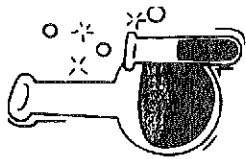
Other \_\_\_\_\_  
 pH: \_\_\_\_\_ Temp \_\_\_\_\_  
 TAT: RUSH NORMAL

PROJECT: 27058.02

# QUANTUM

ANALYTICAL & ENVIRONMENTAL LABORATORIES, INC.

Dickson City Industrial Park  
 824 Enterprise Street  
 Dickson City, PA 18519-1593



Phone: (570) 489-6964 Fax: (570) 489-6965

Report to: PENNSYLVANIA TECTONICS INC.  
 826 MAIN STREET  
 PECKVILLE PA 18452  
 Contact: MARTIN GILGALLON  
 Phone: 487-1959 Fax: 487-1961  
 Bill to: PENNSYLVANIA TECTONICS INC.  
 826 MAIN STREET  
 PECKVILLE PA 18452

DW - Drinking Water SL - Sludge  
 GW - Ground Water SO - Soil  
 SW - Surface Water HZ - Hazardous  
 WW - Waste Water Other \_\_\_\_\_

Location Sample Description	Date Sampled	Time Sampled	Matrix	# of Cont / Size	PRSV / Cont Type	Grab / Composite	ANALYSIS TO BE PERFORMED						Invoice #	PO #
							CG - Glass	AG - Amber Glass	O - Other	GL - Glass	GL - Glass	GL - Glass		
TRINOVICH T. Aug 08 - Treated	8/4/08	1615	DW	4	HCL 6	X	X	X	X	X	X	X	065 - 080408	60776
TRINOVICH T. Aug 08 - Middle	8/4/08	1620	DW	3	HCL 6	X	X	X	X	X	X	X	066 - 080408	
TRINOVICH T. Aug 08 - Raw	8/4/08	1625	DW	3	HCL 6	X	X	X	X	X	X	X	067 - 080408	
CUPINI N. Aug 08 - Treated	8/4/08	1615	DW	4	HCL 6	X	X	X	X	X	X	X	068 - 080408	
LUPINI M. Aug 08 - Middle	8/4/08	1650	DW	3	HCL 6	X	X	X	X	X	X	X	069 - 080408	
LUPINI M. Aug 08 - Raw	8/4/08	1655	DW	3	HCL 6	X	X	X	X	X	X	X	070 - 080408	
Trip Blank KC. 8/4/08	-	-	DW	2	HCL 6	X	X	X	X	X	X	X	071 - 080408	
			DW		HCL 6									
			DW		HCL 6									

Comments: \* RAW + MIDDLE ANALYSES USEPA METHOD 8260  
 \*\* TREATED ANALYSES USEPA METHOD 534-2.  
 Sampler: K. COOPER  
 Shipped:  Hand Delivered  
 Relinquished By: *[Signature]* Date: 8/4/08 Time: 1705  
 Relinquished By: *[Signature]* Date: 8/4/08 Time: 1705



## Certificate of Analysis

Project Name:	LEWIS BROTHERS - PA SITE	Workorder:	9766638
Purchase Order:		Workorder ID:	27058-02

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

December 18, 2008

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Tuesday, December 09, 2008

ALSI is a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAC.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAC accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**SAMPLE SUMMARY**

Workorder 9766638 27058-02

Discard Date: 01/01/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9766638001	Steinmetz M. Dec 08-Treated	Drinking Water	12/8/08 08:01	12/9/08 09:14	Customer
9766638002	Steinmetz M. Dec 08- Middle	Water	12/8/08 08:07	12/9/08 09:14	Customer
9766638003	Steinmetz M. Dec 08- Raw	Water	12/8/08 08:12	12/9/08 09:14	Customer
9766638004	Kropiewnick R. Dec 08- Treated	Drinking Water	12/8/08 08:32	12/9/08 09:14	Customer
9766638005	Kropiewnick R. Dec 08- Middle	Water	12/8/08 08:36	12/9/08 09:14	Customer
9766638006	Kropiewnick R. Dec 08- Raw	Water	12/8/08 08:43	12/9/08 09:14	Customer
9766638007	Rusyn B. Dec 08- Treated	Drinking Water	12/8/08 09:24	12/9/08 09:14	Customer
9766638008	Rusyn B. Dec 08- Middle	Water	12/8/08 09:30	12/9/08 09:14	Customer
9766638009	Rusyn B. Dec 08- Raw	Water	12/8/08 09:33	12/9/08 09:14	Customer
9766638010	Makala A. Dec 08- Treated	Drinking Water	12/8/08 09:47	12/9/08 09:14	Customer
9766638011	Makala A. Dec 08- Middle	Water	12/8/08 09:55	12/9/08 09:14	Customer
9766638012	Makala A. Dec 08- Raw	Water	12/8/08 10:03	12/9/08 09:14	Customer
9766638013	Trip Blank JL Dec 08	Drinking Water	12/8/08 13:00	12/9/08 09:14	Customer

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference





ANALYTICAL RESULTS

Workorder 9766638 27058-02

Lab ID: 9766638006 Date Collected: 12/8/2008 08:43 Matrix: Water  
Sample ID: Kroplewnick R. Dec 08- Raw Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:46	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:46	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:46	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		12/15/08 14:46	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		12/15/08 14:46	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:46	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		12/15/08 14:46	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:46	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:46	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	79.9		%	62-133	SW846 8260B		12/15/08 14:46	MES	A
4-Bromofluorobenzene (S)	93.3		%	79-114	SW846 8260B		12/15/08 14:46	MES	A
Dibromofluoromethane (S)	83.8		%	78-116	SW846 8260B		12/15/08 14:46	MES	A
Toluene-d8 (S)	91.3		%	76-127	SW846 8260B		12/15/08 14:46	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder 9766638 27058-02

Lab ID: 9766638005 Date Collected: 12/8/2008 08:36 Matrix: Water  
Sample ID: Kroplewnick R. Dec 08- Middle Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:12	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:12	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:12	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		12/15/08 14:12	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		12/15/08 14:12	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:12	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		12/15/08 14:12	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:12	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:12	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	80.7		%	62-133	SW846 8260B		12/15/08 14:12	MES	A
4-Bromofluorobenzene (S)	87.3		%	79-114	SW846 8260B		12/15/08 14:12	MES	A
Dibromofluoromethane (S)	84.4		%	78-116	SW846 8260B		12/15/08 14:12	MES	A
Toluene-d8 (S)	91.5		%	76-127	SW846 8260B		12/15/08 14:12	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder 9766638 27058-02

Lab ID: 9766638004 Date Collected: 12/8/2008 08:32 Matrix: Drinking Water  
Sample ID: Kroplewnick R. Dec 08- Treated Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:46	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:46	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:46	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		12/12/08 09:46	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:46	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:46	JAH	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		12/12/08 09:46	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:46	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:46	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79.5		%	70-130	EPA 524.2		12/12/08 09:46	JAH	A
4-Bromofluorobenzene (S)	78.7		%	70-130	EPA 524.2		12/12/08 09:46	JAH	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder 9766638 27058-02

Lab ID: 9766638012

Date Collected: 12/8/2008 10:03

Matrix: Water

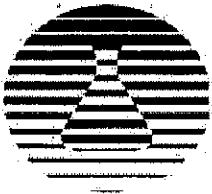
Sample ID: Makala A. Dec 08- Raw

Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		12/15/08 18:11	TEH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 18:11	TEH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 18:11	TEH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		12/15/08 18:11	TEH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		12/15/08 18:11	TEH	A
Toluene	ND		ug/L	1.0	SW846 8260B		12/15/08 18:11	TEH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		12/15/08 18:11	TEH	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 18:11	TEH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 18:11	TEH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	108		%	62-133	SW846 8260B		12/15/08 18:11	TEH	A
4-Bromofluorobenzene (S)	90.3		%	79-114	SW846 8260B		12/15/08 18:11	TEH	A
Dibromofluoromethane (S)	107		%	78-116	SW846 8260B		12/15/08 18:11	TEH	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		12/15/08 18:11	TEH	A

**Sample Comments:**

  
 Anna G Milliken  
 Laboratory Manager



**ANALYTICAL RESULTS**

Workorder 9766638 27058-02

Lab ID: 9766638011 Date Collected: 12/8/2008 09:55 Matrix: Water  
Sample ID: Makala A. Dec 08- Middle Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		12/15/08 17:38	TEH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 17:38	TEH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 17:38	TEH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		12/15/08 17:38	TEH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		12/15/08 17:38	TEH	A
Toluene	ND		ug/L	1.0	SW846 8260B		12/15/08 17:38	TEH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		12/15/08 17:38	TEH	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 17:38	TEH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 17:38	TEH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		12/15/08 17:38	TEH	A
4-Bromofluorobenzene (S)	88.6		%	79-114	SW846 8260B		12/15/08 17:38	TEH	A
Dibromofluoromethane (S)	107		%	78-116	SW846 8260B		12/15/08 17:38	TEH	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		12/15/08 17:38	TEH	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder 9766638 27058-02

Lab ID: 9766638010 Date Collected: 12/8/2008 09:47 Matrix: Drinking Water  
Sample ID: Makala A. Dec 08- Treated Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:38	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:38	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:38	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		12/12/08 10:38	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:38	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:38	JAH	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		12/12/08 10:38	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:38	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:38	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	77.5		%	70-130	EPA 524.2		12/12/08 10:38	JAH	A
4-Bromofluorobenzene (S)	76.4		%	70-130	EPA 524.2		12/12/08 10:38	JAH	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder 9766638 27058-02

Lab ID: 9766638009  
Sample ID: Rusyn B. Dec 08- Raw

Date Collected: 12/8/2008 09:33  
Date Received: 12/9/2008 09:14

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:54	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:54	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:54	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		12/15/08 15:54	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		12/15/08 15:54	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:54	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		12/15/08 15:54	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:54	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:54	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	79.9		%	62-133	SW846 8260B		12/15/08 15:54	MES	A
4-Bromofluorobenzene (S)	90.9		%	79-114	SW846 8260B		12/15/08 15:54	MES	A
Dibromofluoromethane (S)	84.8		%	78-116	SW846 8260B		12/15/08 15:54	MES	A
Toluene-d8 (S)	91.6		%	76-127	SW846 8260B		12/15/08 15:54	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder 9766638 27058-02

Lab ID: 9766638008  
Sample ID: Rusyn B. Dec 08- Middle

Date Collected: 12/8/2008 09:30  
Date Received: 12/9/2008 09:14

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:20	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:20	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:20	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		12/15/08 15:20	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		12/15/08 15:20	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:20	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		12/15/08 15:20	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:20	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 15:20	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	80.5		%	62-133	SW846 8260B		12/15/08 15:20	MES	A
4-Bromofluorobenzene (S)	94.7		%	79-114	SW846 8260B		12/15/08 15:20	MES	A
Dibromofluoromethane (S)	87.1		%	78-116	SW846 8260B		12/15/08 15:20	MES	A
Toluene-d8 (S)	88.9		%	76-127	SW846 8260B		12/15/08 15:20	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder 9766638 27058-02

Lab ID: 9766638007

Date Collected: 12/8/2008 09:24

Matrix: Drinking Water

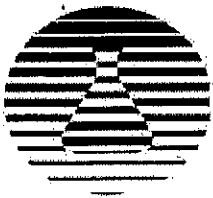
Sample ID: Rusyn B. Dec 08- Treated

Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:13	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:13	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:13	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		12/12/08 10:13	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:13	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:13	JAH	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		12/12/08 10:13	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:13	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 10:13	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79.4		%	70-130	EPA 524.2		12/12/08 10:13	JAH	A
4-Bromofluorobenzene (S)	76.5		%	70-130	EPA 524.2		12/12/08 10:13	JAH	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder 9766638 27058-02

Lab ID: 9766638003 Date Collected: 12/8/2008 08:12 Matrix: Water  
Sample ID: Steinmetz M. Dec 08- Raw Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		12/15/08 13:38	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 13:38	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 13:38	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		12/15/08 13:38	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		12/15/08 13:38	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		12/15/08 13:38	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		12/15/08 13:38	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 13:38	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 13:38	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.1		%	62-133	SW846 8260B		12/15/08 13:38	MES	A
4-Bromofluorobenzene (S)	93.8		%	79-114	SW846 8260B		12/15/08 13:38	MES	A
Dibromofluoromethane (S)	87.6		%	78-116	SW846 8260B		12/15/08 13:38	MES	A
Toluene-d8 (S)	92.1		%	76-127	SW846 8260B		12/15/08 13:38	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder 9766638 27058-02

Lab ID: 9766638002 Date Collected: 12/8/2008 08:07 Matrix: Water  
Sample ID: Steinmetz M. Dec 08- Middle Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:54	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:54	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:54	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		12/15/08 14:54	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		12/15/08 14:54	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:54	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		12/15/08 14:54	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:54	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		12/15/08 14:54	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	79		%	62-133	SW846 8260B		12/15/08 14:54	MES	A
4-Bromofluorobenzene (S)	109		%	79-114	SW846 8260B		12/15/08 14:54	MES	A
Dibromofluoromethane (S)	91.5		%	78-116	SW846 8260B		12/15/08 14:54	MES	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		12/15/08 14:54	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder 9766638 27058-02

Lab ID: 9766638001

Date Collected: 12/8/2008 08:01

Matrix: Drinking Water

Sample ID: Steinmetz M. Dec 08-Treated

Date Received: 12/9/2008 09:14

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:20	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:20	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:20	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		12/12/08 09:20	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:20	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:20	JAH	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		12/12/08 09:20	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:20	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 09:20	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	82.2		%	70-130	EPA 524.2		12/12/08 09:20	JAH	A
4-Bromofluorobenzene (S)	78.3		%	70-130	EPA 524.2		12/12/08 09:20	JAH	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder 9766638 27058-02

Lab ID: 9766638013  
Sample ID: Trip Blank JL Dec 08

Date Collected: 12/8/2008 13:00  
Date Received: 12/9/2008 09:14

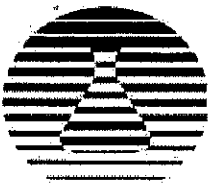
Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		12/12/08 08:29	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 08:29	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 08:29	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		12/12/08 08:29	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		12/12/08 08:29	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		12/12/08 08:29	JAH	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		12/12/08 08:29	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 08:29	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		12/12/08 08:29	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	80.1		%	70-130	EPA 524.2		12/12/08 08:29	JAH	A
4-Bromofluorobenzene (S)	80.2		%	70-130	EPA 524.2		12/12/08 08:29	JAH	A

**Sample Comments:**

Methods for the analysis of volatile organics require that the sample be preserved to a pH less than 2 using HCl. This sample had a pH greater than 2 when received by the lab.

  
Anna G Milliken  
Laboratory Manager



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PA 22-293 NJ PA010



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Page 1 of 2

Counter: Fed Ex

Tracking #: 9630 1571 8540

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE SACK.

## Analytical Laboratory Services, Inc.

Environmental • Industrial Hygiene • Field Services

34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: Pennsylvania Tectonics Inc.

Contact (person): Martin Gilgallon

Address: 826 Main Street  
Peckville PA 18452

Phone: 570.487.1954

Bill to (different than Report to):

PO#:

Project Name#: a7058-02

ALSI Quote #:

TAI:  Normal Standard TAI is 10-12 business days.

Fast?  Rush-Subject to ALSI approval and surcharges.

Email?  Fax?  [pa.tectonics@hotmail.com](mailto:pa.tectonics@hotmail.com)

Sample Description/Location (as it will appear on the lab report)

COC Comments

Sample Date

Military Time

Enter Number of Containers Per Analysis

ANALYSIS METHOD REQUESTED

Keep Information Available to (check box)

Thurs. Dec 08 10:23:55

No. of Containers: 10

Notes:

Circle appropriate Y or N.

Sample No.	Sample Date	Military Time	Enter Number of Containers Per Analysis	ANALYSIS METHOD REQUESTED	Keep Information Available to (check box)
1	12/08/08	0801	3	Unchlorinated Source #	Correct containers? <input checked="" type="checkbox"/> Correct sample volume? <input checked="" type="checkbox"/> Correct preservation? <input checked="" type="checkbox"/> Headspace/Volume? <input checked="" type="checkbox"/> Container in good condition? <input checked="" type="checkbox"/>
2	12/08/08	0807	3	Unchlorinated Source #	Correct containers? <input checked="" type="checkbox"/> Correct sample volume? <input checked="" type="checkbox"/> Correct preservation? <input checked="" type="checkbox"/> Headspace/Volume? <input checked="" type="checkbox"/> Container in good condition? <input checked="" type="checkbox"/>
3	12/08/08	0812	3	Unchlorinated Source #	Correct containers? <input checked="" type="checkbox"/> Correct sample volume? <input checked="" type="checkbox"/> Correct preservation? <input checked="" type="checkbox"/> Headspace/Volume? <input checked="" type="checkbox"/> Container in good condition? <input checked="" type="checkbox"/>
4	12/08/08	0832	3	Unchlorinated Source #	Correct containers? <input checked="" type="checkbox"/> Correct sample volume? <input checked="" type="checkbox"/> Correct preservation? <input checked="" type="checkbox"/> Headspace/Volume? <input checked="" type="checkbox"/> Container in good condition? <input checked="" type="checkbox"/>
5	12/08/08	0836	3	Unchlorinated Source #	Correct containers? <input checked="" type="checkbox"/> Correct sample volume? <input checked="" type="checkbox"/> Correct preservation? <input checked="" type="checkbox"/> Headspace/Volume? <input checked="" type="checkbox"/> Container in good condition? <input checked="" type="checkbox"/>
6	12/08/08	0843	3	Unchlorinated Source #	Correct containers? <input checked="" type="checkbox"/> Correct sample volume? <input checked="" type="checkbox"/> Correct preservation? <input checked="" type="checkbox"/> Headspace/Volume? <input checked="" type="checkbox"/> Container in good condition? <input checked="" type="checkbox"/>
7					
8					

LOANED BY (Please Print): Jerry Luchansky

RECEIVED BY (Signature): [Signature]

DATE: 12/08/08

TIME: 1330

RECEIVED BY (Company Name): Pennsylvania Tectonics Inc.

DATE: 12/08/08

TIME: 1340

RECEIVED BY (Signature): [Signature]

DATE: 12/08/08

TIME: 0914

RECEIVED BY (Company Name): ALSI

DATE: 12/08/08

TIME: 0914

ALSIFIELD SERVICES

Prep:  Labor:  Compress Sampling:  Thermal Equipment:  Other:

State Sampler Collected by:  PA

Standards:  CIP-506  NI-Reduced  NI-Full

Blank:  Yes  No

Other:  If yes, format type: \_\_\_\_\_

000 Criteria required?

Coil: AL-ALC DWS/Drinking Water; GM-Granule/Granule; OIL-OL-Other Liquid; SL-Substr; SO-Soil; W/W-Wholesaler

Container Type: AG-Ambur Glass; CG-Clear Glass; PL-Plastic; Container Size: 20ml, 50ml, 1L, 5L, etc. Preservation: HCl, HNO3, NaOH, etc.

Copy: WRITE - ORIGINAL; CAMRY - CUSTOMER COPY



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Page 2 of 2  
Coulter: F.A. Ex  
Tracking #: 9630 9571 4546

## CHAIN OF CUSTODY REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: Pennsylvania Technologies Inc.  
Contact (owner): Martin Gilgallon  
Address: 826 Main Street  
Peckville PA 18452

Phone: 570.487.1454

Bill to (if different than Requestor):

PO#:

Project Name #: 37059.03

ALSI Quote #:

TAT:  Normal Standard TAT is 10-12 business days.  
 Rush-Subject to ALSI approval and surcharges.

Email:  [p.a.t.e.c.h.n.o.l.o.g.y@h.o.t.m.a.i.l.c.o.m](mailto:p.a.t.e.c.h.n.o.l.o.g.y@h.o.t.m.a.i.l.c.o.m)

Fax:   No.

Sample Description (location as it will appear on the lab report)

- Rusyn. B. Dec 08 - Treated
- Rusyn. B. Dec 08 - Middle
- Rusyn. B. Dec 08 - Raw
- McKale. A. Dec 08 - Treated
- McKale. A. Dec 08 - Middle
- McKale. A. Dec 08 - Raw
- Trip Blank. TL Dec 08

COC Comments

New List, TPA Saturated  
New List, EPA 8260  
Pennsylvania Unleaded  
PA 8260  
New List, TPA Saturated  
New List, EPA 8260  
Pennsylvania Unleaded  
PA 8260

Sample Date

12/10/08  
12/10/08  
12/10/08  
12/10/08  
12/10/08  
12/10/08  
12/10/08

Sample Time

0944  
0930  
0933  
0947  
0955  
1003  
1300

Military

6  
6  
6  
6  
6  
6  
6

Enter Number of Containers Per Analysis

3  
3  
3  
3  
3  
3  
2

LOGGED BY (Signature):

Jerry Luchansky

REVIEWED BY (Signature):

James Walsh

Date

12/10/08  
12/10/08  
12/10/08  
12/10/08  
12/10/08  
12/10/08  
12/10/08

Time

1330  
1340  
1340  
1340  
1340  
1340  
1340

Received By / Company Name

Jerry Luchansky PA Technologies Inc

Date

12/10/08

Time

1340

Recept Information (continued from front)  
Received by: add  
By: add  
Cooler Temp: 10  
Therm. ID: 5102359  
No. of Containers:  
Notes:

ANALYSES METHOD REQUESTED  
\* Unchlorinated Sample  
\*\* Trip Blank is Distilled Water

Correct containers?  Y  N  
Correct sample volume?  Y  N  
Received on test?  Y  N  
COC, soluble complete/accurate?  Y  N  
Headspace/vol?  Y  N  
Container in good condition?  Y  N

ALS FIELD SERVICES  
Falcon   
Labor   
Composite Sampling   
Special Equipment   
Other:

Sim Sample Collected?  NO  YES  
Form:  YES  NO  
Standard  X  
CIP-AE   
ML-Reduced   
ML-PL   
If no, test type:

200 Criteria Required?

LOGGED BY (Signature): Jerry Luchansky  
REVIEWED BY (Signature): James Walsh  
Date: 12/10/08  
Time: 1340

Received By / Company Name: Jerry Luchansky PA Technologies Inc  
Date: 12/10/08  
Time: 1340

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POET System Sampling Analytical Data Sheets

February 2009





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## Certificate of Analysis

Project Name:	LEWIS BROTHERS - PA SITE	Workorder:	9777538
Purchase Order:		Workorder ID:	27058.02

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

March 6, 2009

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, February 26, 2009

ALSI is a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAC.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAC accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**SAMPLE SUMMARY**

Workorder: 9777538 27058.02

Discard Date: 03/20/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9777538001	Strong.B.Feb09.Treated	Drinking Water	2/24/09 07:02	2/26/09 09:05	Customer
9777538002	Strong.B.Feb09.Middle	Water	2/24/09 07:07	2/26/09 09:05	Customer
9777538003	Strong.B.Feb09.Raw	Water	2/24/09 07:15	2/26/09 09:05	Customer
9777538004	Bright.B.Feb09.Treated	Drinking Water	2/24/09 07:30	2/26/09 09:05	Customer
9777538005	Bright.B.Feb09.Middle	Water	2/24/09 07:33	2/26/09 09:05	Customer
9777538006	Bright.B.Feb09.Raw	Water	2/24/09 07:38	2/26/09 09:05	Customer
9777538007	Stelnmetz.M.Feb09.Treated	Drinking Water	2/24/09 08:00	2/26/09 09:05	Customer
9777538008	Steinmetz.M.Feb09.Middle	Water	2/24/09 08:06	2/26/09 09:05	Customer
9777538009	Steinmetz.M.Feb09.Raw	Water	2/24/09 08:09	2/26/09 09:05	Customer
9777538010	Jarrow.A.Feb09.Treated	Drinking Water	2/24/09 08:30	2/26/09 09:05	Customer
9777538011	Jarrow.A.Feb09.Middle	Water	2/24/09 08:36	2/26/09 09:05	Customer
9777538012	Jarrow.A.Feb09.Raw	Water	2/24/09 08:42	2/26/09 09:05	Customer
9777538013	Kropiewnick.R.Feb09.Treated	Drinking Water	2/24/09 09:01	2/26/09 09:05	Customer
9777538014	Kropiewnick.R.Feb09.Middle	Water	2/24/09 09:07	2/26/09 09:05	Customer
9777538015	Kropiewnick.R.Feb09.Raw	Water	2/24/09 09:12	2/26/09 09:05	Customer
9777538016	Kalinowski.K.Feb09.Treated	Drinking Water	2/24/09 09:30	2/26/09 09:05	Customer
9777538017	Kalinowski.K.Feb09.Middle	Water	2/24/09 09:34	2/26/09 09:05	Customer
9777538018	Kalinowski.K.Feb09.Raw	Water	2/24/09 09:39	2/26/09 09:05	Customer
9777538019	Kvaka.J.Feb09.Treated	Drinking Water	2/24/09 10:03	2/26/09 09:05	Customer
9777538020	Kvaka.J.Feb09.Middle	Water	2/24/09 10:10	2/26/09 09:05	Customer
9777538021	Kvaka.J.Feb09.Raw	Water	2/24/09 10:16	2/26/09 09:05	Customer
9777538022	Trinovitch.J.Feb09.Treated	Drinking Water	2/24/09 10:31	2/26/09 09:05	Customer
9777538023	Trinovitch.J.Feb09.Middle	Water	2/24/09 10:43	2/26/09 09:05	Customer
9777538024	Trinovitch.J.Feb09.Raw	Water	2/24/09 10:52	2/26/09 09:05	Customer
9777538025	Rabel.P.Feb09.Treated	Drinking Water	2/24/09 11:06	2/26/09 09:05	Customer
9777538026	Rabel.P.Feb09.Middle	Water	2/24/09 11:14	2/26/09 09:05	Customer
9777538027	Rabel.P.Feb09.Raw	Water	2/24/09 11:21	2/26/09 09:05	Customer
9777538028	King.H.Feb09.Treated	Drinking Water	2/24/09 11:32	2/26/09 09:05	Customer
9777538029	King.H.Feb09.Middle	Water	2/24/09 11:38	2/26/09 09:05	Customer
9777538030	King.H.Feb09.Raw	Water	2/24/09 11:42	2/26/09 09:05	Customer
9777538031	Hryhorroff.M.Feb09.Treated	Drinking Water	2/24/09 12:58	2/26/09 09:05	Customer
9777538032	Hryhorroff.M.Feb09.Middle	Water	2/24/09 13:04	2/26/09 09:05	Customer
9777538033	Hryhorroff.M.Feb09.Raw	Water	2/24/09 13:10	2/26/09 09:05	Customer
9777538034	Makala.A.Feb09.Treated	Drinking Water	2/24/09 16:02	2/26/09 09:05	Customer
9777538035	Makala.A.Feb09.Middle	Water	2/24/09 16:07	2/26/09 09:05	Customer
9777538036	Makala.A.Feb09.Raw	Water	2/24/09 16:12	2/26/09 09:05	Customer
9777538037	Rusyn.B.Feb09.Treated	Drinking Water	2/24/09 16:22	2/26/09 09:05	Customer
9777538038	Rusyn.B.Feb09.Middle	Water	2/24/09 16:26	2/26/09 09:05	Customer



**SAMPLE SUMMARY**

Workorder: 9777538 27058.02

Discard Date: 03/20/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9777538039	Rusyn.B.Feb09.Raw	Water	2/24/09 16:31	2/26/09 09:05	Customer
9777538040	Pruzinski.J.Feb09.Treated	Drinking Water	2/24/09 17:25	2/26/09 09:05	Customer
9777538041	Pruzinski.J.Feb09.Middle	Water	2/24/09 17:31	2/26/09 09:05	Customer
9777538042	Pruzinski.J.Feb09.Raw	Water	2/24/09 17:34	2/26/09 09:05	Customer
9777538043	Trip Blank.JL.Feb09	Drinking Water	2/24/09 06:45	2/26/09 09:05	Customer

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



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## ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9777538 27058.02

---

### PARAMETER QUALIFIERS\FLAGS

- [1] Data is not believed to be impacted.
- [2] The surrogate recovery was outside of the established control limits.



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## Certificate of Analysis

Project Name:	LEWIS BROTHERS - PA SITE	Workorder:	9777534
Purchase Order:		Workorder ID:	27058.02

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

March 9, 2009

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, February 26, 2009

ALSI is a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAC.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALSI's NELAC accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



### SAMPLE SUMMARY

Workorder: 9777534 27058.02

Discard Date: 03/23/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9777534001	Lewishomestead.Feb09.Treated	Drinking Water	2/24/09 07:05	2/26/09 09:05	Customer
9777534002	Lewishomestead.Feb09.Middle	Water	2/24/09 07:07	2/26/09 09:05	Customer
9777534003	Lewishomestead.Feb09.Raw	Water	2/24/09 07:10	2/26/09 09:05	Customer
9777534004	Kovaleski.K.Feb09.Treated	Drinking Water	2/24/09 07:40	2/26/09 09:05	Customer
9777534005	Kovaleski.K.Feb09.Middle	Water	2/24/09 07:42	2/26/09 09:05	Customer
9777534006	Kovaleski.K.Feb09.Raw	Water	2/24/09 07:45	2/26/09 09:05	Customer
9777534007	Crossley.B.Feb09.Treated	Drinking Water	2/24/09 08:10	2/26/09 09:05	Customer
9777534008	Crossley.B.Feb09.Middle	Water	2/24/09 08:12	2/26/09 09:05	Customer
9777534009	Crossley.B.Feb09.Raw	Water	2/24/09 08:15	2/26/09 09:05	Customer
9777534010	Kowalski.W.Feb09.Treated	Drinking Water	2/24/09 08:35	2/26/09 09:05	Customer
9777534011	Kowalski.W.Feb09.Middle	Water	2/24/09 08:37	2/26/09 09:05	Customer
9777534012	Kowalski.W.Feb09.Raw	Water	2/24/09 08:40	2/26/09 09:05	Customer
9777534013	Kazuba.R.Feb09.Treated	Drinking Water	2/24/09 09:10	2/26/09 09:05	Customer
9777534014	Kazuba.R.Feb09.Middle	Water	2/24/09 09:12	2/26/09 09:05	Customer
9777534015	Kazuba.R.Feb09.Raw	Water	2/24/09 09:15	2/26/09 09:05	Customer
9777534016	Bobar.W.Feb09.Treated	Drinking Water	2/24/09 09:40	2/26/09 09:05	Customer
9777534017	Bobar.W.Feb09.Middle	Water	2/24/09 09:42	2/26/09 09:05	Customer
9777534018	Bobar.W.Feb09.Raw	Water	2/24/09 09:45	2/26/09 09:05	Customer
9777534019	Pascavage.M.Feb09.Treated	Drinking Water	2/24/09 10:15	2/26/09 09:05	Customer
9777534020	Pascavage.M.Feb09.Middle	Water	2/24/09 10:17	2/26/09 09:05	Customer
9777534021	Pascavage.M.Feb09.Raw	Water	2/24/09 10:20	2/26/09 09:05	Customer
9777534022	Lupini.M.Feb09.Treated	Drinking Water	2/24/09 10:40	2/26/09 09:05	Customer
9777534023	Lupini.M.Feb09.Middle	Water	2/24/09 10:42	2/26/09 09:05	Customer
9777534024	Lupini.M.Feb09.Raw	Water	2/24/09 10:45	2/26/09 09:05	Customer
9777534025	Telesz.A.Feb09.Treated	Drinking Water	2/24/09 11:15	2/26/09 09:05	Customer
9777534026	Telesz.A.Feb09.Middle	Water	2/24/09 11:17	2/26/09 09:05	Customer
9777534027	Telesz.A.Feb09.Raw	Water	2/24/09 11:20	2/26/09 09:05	Customer
9777534028	Tokarz.F.Feb09.Treated	Drinking Water	2/24/09 11:45	2/26/09 09:05	Customer
9777534029	Tokarz.F.Feb09.Middle	Water	2/24/09 11:47	2/26/09 09:05	Customer
9777534030	Tokarz.F.Feb09.Raw	Water	2/24/09 11:50	2/26/09 09:05	Customer
9777534031	Kuzmiak.M.Feb09.Treated	Drinking Water	2/24/09 12:10	2/26/09 09:05	Customer
9777534032	Kuzmiak.M.Feb09.Middle	Water	2/24/09 12:15	2/26/09 09:05	Customer
9777534033	Kuzmiak.M.Feb09.Raw	Water	2/24/09 12:17	2/26/09 09:05	Customer
9777534034	Nole.D.Feb09.Treated	Drinking Water	2/24/09 12:40	2/26/09 09:05	Customer
9777534035	Nole.D.Feb09.Middle	Water	2/24/09 12:42	2/26/09 09:05	Customer
9777534036	Nole.D.Feb09.Raw	Water	2/24/09 12:45	2/26/09 09:05	Customer
9777534037	Fryzel.R.Feb09.Treated	Drinking Water	2/24/09 16:15	2/26/09 09:05	Customer
9777534038	Fryzel.R.Feb09.Middle	Water	2/24/09 16:17	2/26/09 09:05	Customer



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**34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430**

**SAMPLE SUMMARY**

Workorder: 9777534 27058.02

Discard Date: 03/23/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9777534039	Fryzel.R.Feb09.Raw	Water	2/24/09 16:20	2/26/09 09:05	Customer
9777534040	Trip Blank.KC.Feb09	Drinking Water	2/24/09 06:50	2/26/09 09:05	Customer

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cnr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534018  
Sample ID: Bobar.W.Feb09.Raw

Date Collected: 2/24/2009 09:45  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:54	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:54	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:54	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 12:54	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 12:54	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:54	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 12:54	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:54	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:54	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	92.7		%	62-133	SW846 8260B		3/4/09 12:54	MES	A
4-Bromofluorobenzene (S)	89.4		%	79-114	SW846 8260B		3/4/09 12:54	MES	A
Dibromofluoromethane (S)	91.8		%	78-116	SW846 8260B		3/4/09 12:54	MES	A
Toluene-d8 (S)	97.8		%	76-127	SW846 8260B		3/4/09 12:54	MES	A

Sample Comments:

Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534017  
Sample ID: Bobar.W.Feb09.Middle

Date Collected: 2/24/2009 09:42  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:23	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:23	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:23	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 12:23	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 12:23	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:23	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 12:23	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:23	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:23	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	97.3		%	62-133	SW846 8260B		3/4/09 12:23	MES	A
4-Bromofluorobenzene (S)	85.2		%	79-114	SW846 8260B		3/4/09 12:23	MES	A
Dibromofluoromethane (S)	91.8		%	78-116	SW846 8260B		3/4/09 12:23	MES	A
Toluene-d8 (S)	99.6		%	76-127	SW846 8260B		3/4/09 12:23	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534016 Date Collected: 2/24/2009 09:40 Matrix: Drinking Water  
Sample ID: Bobar.W.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:02	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:02	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:02	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 18:02	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:02	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:02	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 18:02	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:02	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:02	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	94.9		%	70-130	EPA 524.2		3/4/09 18:02	DD	A
4-Bromofluorobenzene (S)	90.9		%	70-130	EPA 524.2		3/4/09 18:02	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538006  
Sample ID: Bright.B.Feb09.Raw

Date Collected: 2/24/2009 07:38  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:14	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:14	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:14	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 01:14	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 01:14	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:14	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 01:14	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:14	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:14	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.1		%	62-133	SW846 8260B		3/4/09 01:14	DD	A
4-Bromofluorobenzene (S)	90.6		%	79-114	SW846 8260B		3/4/09 01:14	DD	A
Dibromofluoromethane (S)	92.2		%	78-116	SW846 8260B		3/4/09 01:14	DD	A
Toluene-d8 (S)	98.2		%	76-127	SW846 8260B		3/4/09 01:14	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538005

Date Collected: 2/24/2009 07:33

Matrix: Water

Sample ID: Bright.B.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:47	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:47	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:47	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 00:47	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 00:47	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:47	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 00:47	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:47	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:47	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.3		%	62-133	SW846 8260B		3/4/09 00:47	DD	A
4-Bromofluorobenzene (S)	89		%	79-114	SW846 8260B		3/4/09 00:47	DD	A
Dibromofluoromethane (S)	92		%	78-116	SW846 8260B		3/4/09 00:47	DD	A
Toluene-d8 (S)	97.3		%	76-127	SW846 8260B		3/4/09 00:47	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: **9777538004** Date Collected: 2/24/2009 07:30 Matrix: Drinking Water  
 Sample ID: **Bright.B.Feb09.Treated** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:12	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:12	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:12	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 20:12	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:12	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:12	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 20:12	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:12	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:12	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	99.5		%	70-130	EPA 524.2		3/2/09 20:12	DD	A
4-Bromofluorobenzene (S)	95.6		%	70-130	EPA 524.2		3/2/09 20:12	DD	A

**Sample Comments:**

  
 Anna G Milliken  
 Laboratory Manager



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ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534009  
Sample ID: Crossley.B.Feb09.Raw

Date Collected: 2/24/2009 08:15  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	3.8		ug/L	1.0	SW846 8260B		3/4/09 01:18	DD	A
Ethylbenzene	1.5		ug/L	1.0	SW846 8260B		3/4/09 01:18	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:18	DD	A
Methyl t-Butyl Ether	10.5		ug/L	1.0	SW846 8260B		3/4/09 01:18	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 01:18	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:18	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 01:18	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:18	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:18	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62-133	SW846 8260B		3/4/09 01:18	DD	A
4-Bromofluorobenzene (S)	97		%	79-114	SW846 8260B		3/4/09 01:18	DD	A
Dibromofluoromethane (S)	99.7		%	78-116	SW846 8260B		3/4/09 01:18	DD	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		3/4/09 01:18	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534008 Date Collected: 2/24/2009 08:12 Matrix: Water  
Sample ID: Crossley.B.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:44	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:44	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:44	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 00:44	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 00:44	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:44	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 00:44	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:44	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:44	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98.8		%	62-133	SW846 8260B		3/4/09 00:44	DD	A
4-Bromofluorobenzene (S)	98.1		%	79-114	SW846 8260B		3/4/09 00:44	DD	A
Dibromofluoromethane (S)	100		%	78-116	SW846 8260B		3/4/09 00:44	DD	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		3/4/09 00:44	DD	A

**Sample Comments:**

A positive residual chlorine result was detected in the preservation check for the volatile organics analysis of this sample. This may be due to the presence of residual chlorine or another oxidizing agent.

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: **9777534007** Date Collected: 2/24/2009 08:10 Matrix: Drinking Water  
Sample ID: **Crossley.B.Feb09.Treated** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/3/09 03:10	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 03:10	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 03:10	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/3/09 03:10	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/3/09 03:10	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/3/09 03:10	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/3/09 03:10	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 03:10	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 03:10	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	96.9		%	70-130	EPA 524.2		3/3/09 03:10	DD	A
4-Bromofluorobenzene (S)	89.6		%	70-130	EPA 524.2		3/3/09 03:10	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager





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**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: **9777534039**  
Sample ID: **Fryzel.R.Feb09.Raw**

Date Collected: 2/24/2009 16:20  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:07	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:07	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:07	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 12:07	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 12:07	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:07	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 12:07	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:07	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:07	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	125		%	62-133	SW846 8260B		3/4/09 12:07	MES	A
4-Bromofluorobenzene (S)	86.9		%	79-114	SW846 8260B		3/4/09 12:07	MES	A
Dibromofluoromethane (S)	105		%	78-116	SW846 8260B		3/4/09 12:07	MES	A
Toluene-d8 (S)	133	2,3	%	76-127	SW846 8260B		3/4/09 12:07	MES	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534038

Date Collected: 2/24/2009 16:17

Matrix: Water

Sample ID: Fryzel.R.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:33	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:33	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:33	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 11:33	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 11:33	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:33	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 11:33	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:33	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:33	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	126		%	62-133	SW846 8260B		3/4/09 11:33	MES	A
4-Bromofluorobenzene (S)	86.6		%	79-114	SW846 8260B		3/4/09 11:33	MES	A
Dibromofluoromethane (S)	109		%	78-116	SW846 8260B		3/4/09 11:33	MES	A
Toluene-d8 (S)	132	2,3	%	76-127	SW846 8260B		3/4/09 11:33	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534037  
Sample ID: Fryzel.R.Feb09.Treated

Date Collected: 2/24/2009 16:15  
Date Received: 2/26/2009 09:05

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:30	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:30	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:30	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 21:30	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:30	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:30	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 21:30	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:30	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:30	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	95.6		%	70-130	EPA 524.2		3/4/09 21:30	DD	A
4-Bromofluorobenzene (S)	90		%	70-130	EPA 524.2		3/4/09 21:30	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538033 Date Collected: 2/24/2009 13:10 Matrix: Water  
Sample ID: Hryhorroff.M.Feb09.Raw Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 15:32	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 15:32	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 15:32	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 15:32	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 15:32	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 15:32	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 15:32	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 15:32	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 15:32	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62-133	SW846 8260B		3/4/09 15:32	MES	A
4-Bromofluorobenzene (S)	98.6		%	79-114	SW846 8260B		3/4/09 15:32	MES	A
Dibromofluoromethane (S)	97.6		%	78-116	SW846 8260B		3/4/09 15:32	MES	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		3/4/09 15:32	MES	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538032

Date Collected: 2/24/2009 13:04

Matrix: Water

Sample ID: Hryhorroff.M.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:18	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:18	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:18	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 13:18	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 13:18	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:18	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 13:18	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:18	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:18	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62-133	SW846 8260B		3/4/09 13:18	MES	A
4-Bromofluorobenzene (S)	92.5		%	79-114	SW846 8260B		3/4/09 13:18	MES	A
Dibromofluoromethane (S)	97.1		%	78-116	SW846 8260B		3/4/09 13:18	MES	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		3/4/09 13:18	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538031 Date Collected: 2/24/2009 12:58 Matrix: Drinking Water  
Sample ID: Hryhorroff.M.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:40	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:40	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:40	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 23:40	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:40	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:40	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 23:40	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:40	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:40	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	100		%	70-130	EPA 524.2		3/2/09 23:40	DD	A
4-Bromofluorobenzene (S)	94.8		%	70-130	EPA 524.2		3/2/09 23:40	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538012

Date Collected: 2/24/2009 08:42

Matrix: Water

Sample ID: Jarrow.A.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:03	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:03	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:03	DD	A
Methyl t-Butyl Ether	9.9		ug/L	1.0	SW846 8260B		3/4/09 03:03	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 03:03	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:03	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 03:03	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:03	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:03	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.4		%	62-133	SW846 8260B		3/4/09 03:03	DD	A
4-Bromofluorobenzene (S)	87.5		%	79-114	SW846 8260B		3/4/09 03:03	DD	A
Dibromofluoromethane (S)	92		%	78-116	SW846 8260B		3/4/09 03:03	DD	A
Toluene-d8 (S)	96.9		%	76-127	SW846 8260B		3/4/09 03:03	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538011  
Sample ID: Jarrow.A.Feb09.Middle

Date Collected: 2/24/2009 08:36  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:36	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:36	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:36	DD	A
Methyl t-Butyl Ether	4.4		ug/L	1.0	SW846 8260B		3/4/09 02:36	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 02:36	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:36	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 02:36	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:36	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:36	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91		%	62-133	SW846 8260B		3/4/09 02:36	DD	A
4-Bromofluorobenzene (S)	87.9		%	79-114	SW846 8260B		3/4/09 02:36	DD	A
Dibromofluoromethane (S)	92.6		%	78-116	SW846 8260B		3/4/09 02:36	DD	A
Toluene-d8 (S)	97.7		%	76-127	SW846 8260B		3/4/09 02:36	DD	A

Sample Comments:

Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538010 Date Collected: 2/24/2009 08:30 Matrix: Drinking Water  
Sample ID: Jarrow.A.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:58	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:58	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:58	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 20:58	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:58	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:58	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 20:58	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:58	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:58	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	100		%	70-130	EPA 524.2		3/2/09 20:58	DD	A
4-Bromofluorobenzene (S)	99.7		%	70-130	EPA 524.2		3/2/09 20:58	DD	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538018

Date Collected: 2/24/2009 09:39

Matrix: Water

Sample ID: Kallnowski.K.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:51	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:51	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:51	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 04:51	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 04:51	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:51	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 04:51	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:51	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:51	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.9		%	62-133	SW846 8260B		3/4/09 04:51	DD	A
4-Bromofluorobenzene (S)	88.5		%	79-114	SW846 8260B		3/4/09 04:51	DD	A
Dibromofluoromethane (S)	91.5		%	78-116	SW846 8260B		3/4/09 04:51	DD	A
Toluene-d8 (S)	96.9		%	76-127	SW846 8260B		3/4/09 04:51	DD	A

**Sample Comments:**

A positive residual chlorine result was detected in the preservation check for the volatile organics analysis of this sample. This may be due to the presence of residual chlorine or another oxidizing agent.

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538017

Date Collected: 2/24/2009 09:34

Matrix: Water

Sample ID: Kalinowski.K.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:24	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:24	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:24	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 04:24	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 04:24	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:24	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 04:24	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:24	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 04:24	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91		%	62-133	SW846 8260B		3/4/09 04:24	DD	A
4-Bromofluorobenzene (S)	87.7		%	79-114	SW846 8260B		3/4/09 04:24	DD	A
Dibromofluoromethane (S)	93.1		%	78-116	SW846 8260B		3/4/09 04:24	DD	A
Toluene-d8 (S)	97.4		%	76-127	SW846 8260B		3/4/09 04:24	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: **9777538016** Date Collected: 2/24/2009 09:30 Matrix: Drinking Water  
Sample ID: **Kallnowski.K.Feb09.Treated** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:45	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:45	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:45	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 21:45	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:45	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:45	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 21:45	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:45	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:45	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	99.5		%	70-130	EPA 524.2		3/2/09 21:45	DD	A
4-Bromofluorobenzene (S)	95.4		%	70-130	EPA 524.2		3/2/09 21:45	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534015  
Sample ID: Kazuba.R.Feb09.Raw

Date Collected: 2/24/2009 09:15  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:53	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:53	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:53	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 11:53	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 11:53	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:53	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 11:53	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:53	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 11:53	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	92		%	62-133	SW846 8260B		3/4/09 11:53	MES	A
4-Bromofluorobenzene (S)	85.1		%	79-114	SW846 8260B		3/4/09 11:53	MES	A
Dibromofluoromethane (S)	91.3		%	78-116	SW846 8260B		3/4/09 11:53	MES	A
Toluene-d8 (S)	98.3		%	76-127	SW846 8260B		3/4/09 11:53	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534014 Date Collected: 2/24/2009 09:12 Matrix: Water  
Sample ID: Kazuba.R.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:51	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:51	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:51	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 09:51	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 09:51	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:51	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 09:51	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:51	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:51	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	94.8		%	62-133	SW846 8260B		3/4/09 09:51	MES	A
4-Bromofluorobenzene (S)	84.8		%	79-114	SW846 8260B		3/4/09 09:51	MES	A
Dibromofluoromethane (S)	90.4		%	78-116	SW846 8260B		3/4/09 09:51	MES	A
Toluene-d8 (S)	99.5		%	76-127	SW846 8260B		3/4/09 09:51	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534013 Date Collected: 2/24/2009 09:10 Matrix: Drinking Water  
Sample ID: Kazuba.R.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:36	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:36	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:36	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 17:36	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:36	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:36	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 17:36	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:36	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:36	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	102		%	70-130	EPA 524.2		3/4/09 17:36	DD	A
4-Bromofluorobenzene (S)	94.4		%	70-130	EPA 524.2		3/4/09 17:36	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538030  
Sample ID: King.H.Feb09.Raw

Date Collected: 2/24/2009 11:42  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:52	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:52	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:52	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 13:52	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 13:52	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:52	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 13:52	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:52	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:52	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	130		%	62-133	SW846 8260B		3/4/09 13:52	MES	A
4-Bromofluorobenzene (S)	85		%	79-114	SW846 8260B		3/4/09 13:52	MES	A
Dibromofluoromethane (S)	106		%	78-116	SW846 8260B		3/4/09 13:52	MES	A
Toluene-d8 (S)	134	1,2	%	76-127	SW846 8260B		3/4/09 13:52	MES	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538029

Date Collected: 2/24/2009 11:38

Matrix: Water

Sample ID: King.H.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:16	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:16	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:16	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 13:16	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 13:16	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:16	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 13:16	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:16	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:16	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	128		%	62-133	SW846 8260B		3/4/09 13:16	MES	A
4-Bromofluorobenzene (S)	84.3		%	79-114	SW846 8260B		3/4/09 13:16	MES	A
Dibromofluoromethane (S)	107		%	78-116	SW846 8260B		3/4/09 13:16	MES	A
Toluene-d8 (S)	133	1,2	%	76-127	SW846 8260B		3/4/09 13:16	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: **9777538028** Date Collected: 2/24/2009 11:32 Matrix: Drinking Water  
 Sample ID: **King.H.Feb09.Treated** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:17	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:17	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:17	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 23:17	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:17	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:17	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 23:17	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:17	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 23:17	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	98.3		%	70-130	EPA 524.2		3/2/09 23:17	DD	A
4-Bromofluorobenzene (S)	93.8		%	70-130	EPA 524.2		3/2/09 23:17	DD	A

Sample Comments:

  
 Anna G Milliken  
 Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534006  
Sample ID: Kovaleski.K.Feb09.Raw

Date Collected: 2/24/2009 07:45  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:10	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:10	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:10	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 00:10	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 00:10	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:10	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 00:10	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:10	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:10	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	99.3		%	62-133	SW846 8260B		3/4/09 00:10	DD	A
4-Bromofluorobenzene (S)	101		%	79-114	SW846 8260B		3/4/09 00:10	DD	A
Dibromofluoromethane (S)	100		%	78-116	SW846 8260B		3/4/09 00:10	DD	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		3/4/09 00:10	DD	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: **9777534005** Date Collected: 2/24/2009 07:42 Matrix: Water  
Sample ID: **Kovalski.K.Feb09.Middle** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:37	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:37	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:37	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/3/09 23:37	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/3/09 23:37	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:37	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/3/09 23:37	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:37	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:37	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	100		%	62-133	SW846 8260B		3/3/09 23:37	DD	A
4-Bromofluorobenzene (S)	95		%	79-114	SW846 8260B		3/3/09 23:37	DD	A
Dibromofluoromethane (S)	98.7		%	78-116	SW846 8260B		3/3/09 23:37	DD	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		3/3/09 23:37	DD	A

**Sample Comments:**

A positive residual chlorine result was detected in the preservation check for the volatile organics analysis of this sample. This may be due to the presence of residual chlorine or another oxidizing agent.

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: **9777534004** Date Collected: 2/24/2009 07:40 Matrix: Drinking Water  
Sample ID: **Kovaleski.K.Feb09.Treated** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:47	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:47	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:47	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/3/09 02:47	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:47	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:47	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/3/09 02:47	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:47	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:47	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	97.3		%	70-130	EPA 524.2		3/3/09 02:47	DD	A
4-Bromofluorobenzene (S)	93.2		%	70-130	EPA 524.2		3/3/09 02:47	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534012  
Sample ID: Kowalski.W.Feb09.Raw

Date Collected: 2/24/2009 08:40  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:24	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:24	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:24	DD	A
Methyl t-Butyl Ether	1.3		ug/L	1.0	SW846 8260B		3/4/09 02:24	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 02:24	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:24	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 02:24	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:24	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:24	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62-133	SW846 8260B		3/4/09 02:24	DD	A
4-Bromofluorobenzene (S)	99		%	79-114	SW846 8260B		3/4/09 02:24	DD	A
Dibromofluoromethane (S)	100		%	78-116	SW846 8260B		3/4/09 02:24	DD	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		3/4/09 02:24	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534011 Date Collected: 2/24/2009 08:37 Matrix: Water  
Sample ID: Kowalski.W.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:51	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:51	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:51	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 01:51	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 01:51	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:51	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 01:51	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:51	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:51	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62-133	SW846 8260B		3/4/09 01:51	DD	A
4-Bromofluorobenzene (S)	98.2		%	79-114	SW846 8260B		3/4/09 01:51	DD	A
Dibromofluoromethane (S)	99.9		%	78-116	SW846 8260B		3/4/09 01:51	DD	A
Toluene-d8 (S)	105		%	76-127	SW846 8260B		3/4/09 01:51	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534010 Date Collected: 2/24/2009 08:35 Matrix: Drinking Water  
Sample ID: Kowalski.W.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:10	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:10	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:10	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 17:10	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:10	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:10	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 17:10	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:10	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 17:10	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	102		%	70-130	EPA 524.2		3/4/09 17:10	DD	A
4-Bromofluorobenzene (S)	98.8		%	70-130	EPA 524.2		3/4/09 17:10	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538015

Date Collected: 2/24/2009 09:12

Matrix: Water

Sample ID: Kropiewnick.R.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:57	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:57	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:57	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 03:57	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 03:57	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:57	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 03:57	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:57	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:57	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.4		%	62-133	SW846 8260B		3/4/09 03:57	DD	A
4-Bromofluorobenzene (S)	88.9		%	79-114	SW846 8260B		3/4/09 03:57	DD	A
Dibromofluoromethane (S)	92.3		%	78-116	SW846 8260B		3/4/09 03:57	DD	A
Toluene-d8 (S)	98		%	76-127	SW846 8260B		3/4/09 03:57	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538014 Date Collected: 2/24/2009 09:07 Matrix: Water  
Sample ID: Kropiewnick.R.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:30	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:30	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:30	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 03:30	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 03:30	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:30	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 03:30	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:30	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 03:30	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91.4		%	62-133	SW846 8260B		3/4/09 03:30	DD	A
4-Bromofluorobenzene (S)	88		%	79-114	SW846 8260B		3/4/09 03:30	DD	A
Dibromofluoromethane (S)	93		%	78-116	SW846 8260B		3/4/09 03:30	DD	A
Toluene-d8 (S)	96.4		%	76-127	SW846 8260B		3/4/09 03:30	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538013 Date Collected: 2/24/2009 09:01 Matrix: Drinking Water  
Sample ID: Kropiewnick.R.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:22	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:22	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:22	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 21:22	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:22	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:22	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 21:22	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:22	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 21:22	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	99		%	70-130	EPA 524.2		3/2/09 21:22	DD	A
4-Bromofluorobenzene (S)	95.3		%	70-130	EPA 524.2		3/2/09 21:22	DD	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534033  
Sample ID: Kuzmiak.M.Feb09.Raw

Date Collected: 2/24/2009 12:17  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:49	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:49	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:49	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 09:49	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 09:49	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:49	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 09:49	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:49	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:49	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	125		%	62-133	SW846 8260B		3/4/09 09:49	MES	A
4-Bromofluorobenzene (S)	87.1		%	79-114	SW846 8260B		3/4/09 09:49	MES	A
Dibromofluoromethane (S)	107		%	78-116	SW846 8260B		3/4/09 09:49	MES	A
Toluene-d8 (S)	132	2,3	%	76-127	SW846 8260B		3/4/09 09:49	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534032 Date Collected: 2/24/2009 12:15 Matrix: Water  
Sample ID: Kuzmiak.M.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:14	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:14	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:14	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 09:14	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 09:14	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:14	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 09:14	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:14	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 09:14	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	121		%	62-133	SW846 8260B		3/4/09 09:14	MES	A
4-Bromofluorobenzene (S)	87.4		%	79-114	SW846 8260B		3/4/09 09:14	MES	A
Dibromofluoromethane (S)	105		%	78-116	SW846 8260B		3/4/09 09:14	MES	A
Toluene-d8 (S)	131	2,3	%	76-127	SW846 8260B		3/4/09 09:14	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534031 Date Collected: 2/24/2009 12:10 Matrix: Drinking Water  
Sample ID: Kuzmiak.M.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:38	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:38	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:38	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 20:38	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:38	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:38	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 20:38	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:38	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:38	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	93.9		%	70-130	EPA 524.2		3/4/09 20:38	DD	A
4-Bromofluorobenzene (S)	87.4		%	70-130	EPA 524.2		3/4/09 20:38	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538021

Date Collected: 2/24/2009 10:16

Matrix: Water

Sample ID: Kvaka.J.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:45	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:45	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:45	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 05:45	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 05:45	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:45	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 05:45	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:45	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:45	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	92.5		%	62-133	SW846 8260B		3/4/09 05:45	DD	A
4-Bromofluorobenzene (S)	87.8		%	79-114	SW846 8260B		3/4/09 05:45	DD	A
Dibromofluoromethane (S)	92.8		%	78-116	SW846 8260B		3/4/09 05:45	DD	A
Toluene-d8 (S)	95.9		%	76-127	SW846 8260B		3/4/09 05:45	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538020

Date Collected: 2/24/2009 10:10

Matrix: Water

Sample ID: Kvaka.J.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:18	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:18	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:18	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 05:18	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 05:18	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:18	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 05:18	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:18	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 05:18	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.1		%	62-133	SW846 8260B		3/4/09 05:18	DD	A
4-Bromofluorobenzene (S)	87.7		%	79-114	SW846 8260B		3/4/09 05:18	DD	A
Dibromofluoromethane (S)	91.4		%	78-116	SW846 8260B		3/4/09 05:18	DD	A
Toluene-d8 (S)	96.2		%	76-127	SW846 8260B		3/4/09 05:18	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538019

Date Collected: 2/24/2009 10:03

Matrix: Drinking Water

Sample ID: Kvaka.J.Feb09.Treated

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:08	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:08	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:08	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 22:08	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:08	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:08	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 22:08	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:08	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:08	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	96.7		%	70-130	EPA 524.2		3/2/09 22:08	DD	A
4-Bromofluorobenzene (S)	92.6		%	70-130	EPA 524.2		3/2/09 22:08	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534003 Date Collected: 2/24/2009 07:10 Matrix: Water  
Sample ID: Lewishomestead.Feb09.Raw Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:03	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:03	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:03	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/3/09 23:03	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/3/09 23:03	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:03	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/3/09 23:03	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:03	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:03	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	100		%	62-133	SW846 8260B		3/3/09 23:03	DD	A
4-Bromofluorobenzene (S)	98.7		%	79-114	SW846 8260B		3/3/09 23:03	DD	A
Dibromofluoromethane (S)	101		%	78-116	SW846 8260B		3/3/09 23:03	DD	A
Toluene-d8 (S)	105		%	76-127	SW846 8260B		3/3/09 23:03	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: **9777534002** Date Collected: 2/24/2009 07:07 Matrix: Water  
Sample ID: **Lewishomestead.Feb09.Middle** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/3/09 22:30	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 22:30	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 22:30	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/3/09 22:30	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/3/09 22:30	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/3/09 22:30	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/3/09 22:30	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 22:30	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 22:30	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62-133	SW846 8260B		3/3/09 22:30	DD	A
4-Bromofluorobenzene (S)	99.4		%	79-114	SW846 8260B		3/3/09 22:30	DD	A
Dibromofluoromethane (S)	102		%	78-116	SW846 8260B		3/3/09 22:30	DD	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		3/3/09 22:30	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: **9777534001** Date Collected: 2/24/2009 07:05 Matrix: Drinking Water  
Sample ID: **Lewishomestead.Feb09.Treated** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:23	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:23	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:23	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/3/09 02:23	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:23	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:23	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/3/09 02:23	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:23	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 02:23	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	97.1		%	70-130	EPA 524.2		3/3/09 02:23	DD	A
4-Bromofluorobenzene (S)	92.3		%	70-130	EPA 524.2		3/3/09 02:23	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534024  
Sample ID: Lupini.M.Feb09.Raw

Date Collected: 2/24/2009 10:45  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:26	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:26	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:26	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 14:26	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 14:26	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:26	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 14:26	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:26	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:26	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	95.9		%	62-133	SW846 8260B		3/4/09 14:26	MES	A
4-Bromofluorobenzene (S)	88.6		%	79-114	SW846 8260B		3/4/09 14:26	MES	A
Dibromofluoromethane (S)	92.8		%	78-116	SW846 8260B		3/4/09 14:26	MES	A
Toluene-d8 (S)	98.9		%	76-127	SW846 8260B		3/4/09 14:26	MES	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534023 Date Collected: 2/24/2009 10:42 Matrix: Water  
Sample ID: Lupini.M.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 23:56	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 23:56	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 23:56	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 23:56	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 23:56	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 23:56	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 23:56	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 23:56	DD	A
1,3,5-Trimethylbenzene	ND	1	ug/L	1.0	SW846 8260B		3/4/09 23:56	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.7		%	62-133	SW846 8260B		3/4/09 23:56	DD	A
4-Bromofluorobenzene (S)	84.3		%	79-114	SW846 8260B		3/4/09 23:56	DD	A
Dibromofluoromethane (S)	89.5		%	78-116	SW846 8260B		3/4/09 23:56	DD	A
Toluene-d8 (S)	96.4		%	76-127	SW846 8260B		3/4/09 23:56	DD	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534022 Date Collected: 2/24/2009 10:40 Matrix: Drinking Water  
Sample ID: Luplnl.M.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:54	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:54	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:54	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 18:54	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:54	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:54	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 18:54	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:54	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:54	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	91.2		%	70-130	EPA 524.2		3/4/09 18:54	DD	A
4-Bromofluorobenzene (S)	85		%	70-130	EPA 524.2		3/4/09 18:54	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538036

Date Collected: 2/24/2009 16:12

Matrix: Water

Sample ID: Makala.A.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RD L	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:06	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:06	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:06	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 16:06	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 16:06	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:06	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 16:06	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:06	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:06	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62-133	SW846 8260B		3/4/09 16:06	MES	A
4-Bromofluorobenzene (S)	99		%	79-114	SW846 8260B		3/4/09 16:06	MES	A
Dibromofluoromethane (S)	101		%	78-116	SW846 8260B		3/4/09 16:06	MES	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		3/4/09 16:06	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538035  
Sample ID: Makala.A.Feb09.Middle

Date Collected: 2/24/2009 16:07  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:51	MES	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:51	MES	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:51	MES	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 13:51	MES	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 13:51	MES	B
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:51	MES	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 13:51	MES	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:51	MES	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:51	MES	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	99.2		%	62-133	SW846 8260B		3/4/09 13:51	MES	B
4-Bromofluorobenzene (S)	94.6		%	79-114	SW846 8260B		3/4/09 13:51	MES	B
Dibromofluoromethane (S)	98.1		%	78-116	SW846 8260B		3/4/09 13:51	MES	B
Toluene-d8 (S)	103		%	76-127	SW846 8260B		3/4/09 13:51	MES	B

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: **9777538034** Date Collected: 2/24/2009 16:02 Matrix: Drinking Water  
 Sample ID: **Makala.A.Feb09.Treated** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:03	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:03	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:03	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/3/09 00:03	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:03	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:03	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/3/09 00:03	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:03	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:03	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	96.2		%	70-130	EPA 524.2		3/3/09 00:03	DD	A
4-Bromofluorobenzene (S)	91.8		%	70-130	EPA 524.2		3/3/09 00:03	DD	A

**Sample Comments:**

  
 Anna G Milliken  
 Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534036 Date Collected: 2/24/2009 12:45 Matrix: Water  
Sample ID: Note.D.Feb09.Raw Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:59	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:59	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:59	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 10:59	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 10:59	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:59	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 10:59	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:59	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:59	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	126		%	62-133	SW846 8260B		3/4/09 10:59	MES	A
4-Bromofluorobenzene (S)	82.6		%	79-114	SW846 8260B		3/4/09 10:59	MES	A
Dibromofluoromethane (S)	109		%	78-116	SW846 8260B		3/4/09 10:59	MES	A
Toluene-d8 (S)	131	2,3	%	76-127	SW846 8260B		3/4/09 10:59	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534035 Date Collected: 2/24/2009 12:42 Matrix: Water  
Sample ID: Note.D.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:24	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:24	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:24	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 10:24	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 10:24	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:24	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 10:24	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:24	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 10:24	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	122		%	62-133	SW846 8260B		3/4/09 10:24	MES	A
4-Bromofluorobenzene (S)	86.8		%	79-114	SW846 8260B		3/4/09 10:24	MES	A
Dibromofluoromethane (S)	105		%	78-116	SW846 8260B		3/4/09 10:24	MES	A
Toluene-d8 (S)	133	2,3	%	76-127	SW846 8260B		3/4/09 10:24	MES	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534034

Date Collected: 2/24/2009 12:40

Matrix: Drinking Water

Sample ID: Nole.D.Feb09.Treated

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:04	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:04	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:04	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 21:04	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:04	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:04	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 21:04	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:04	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 21:04	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	102		%	70-130	EPA 524.2		3/4/09 21:04	DD	A
4-Bromofluorobenzene (S)	96.1		%	70-130	EPA 524.2		3/4/09 21:04	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: **9777534021** Date Collected: 2/24/2009 10:20 Matrix: Water  
Sample ID: **Pascavage.M.Feb09.Raw** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:55	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:55	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:55	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 13:55	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 13:55	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:55	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 13:55	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:55	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:55	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98		%	62-133	SW846 8260B		3/4/09 13:55	MES	A
4-Bromofluorobenzene (S)	85.6		%	79-114	SW846 8260B		3/4/09 13:55	MES	A
Dibromofluoromethane (S)	93.6		%	78-116	SW846 8260B		3/4/09 13:55	MES	A
Toluene-d8 (S)	98.9		%	76-127	SW846 8260B		3/4/09 13:55	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534020 Date Collected: 2/24/2009 10:17 Matrix: Water  
Sample ID: Pascavage.M.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:25	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:25	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:25	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 13:25	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 13:25	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:25	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 13:25	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:25	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 13:25	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	95.7		%	62-133	SW846 8260B		3/4/09 13:25	MES	A
4-Bromofluorobenzene (S)	88.9		%	79-114	SW846 8260B		3/4/09 13:25	MES	A
Dibromofluoromethane (S)	91.1		%	78-116	SW846 8260B		3/4/09 13:25	MES	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		3/4/09 13:25	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534019 Date Collected: 2/24/2009 10:15 Matrix: Drinking Water  
Sample ID: Pascavage.M.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:28	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:28	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:28	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 18:28	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:28	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:28	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 18:28	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:28	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 18:28	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	101		%	70-130	EPA 524.2		3/4/09 18:28	DD	A
4-Bromofluorobenzene (S)	92.7		%	70-130	EPA 524.2		3/4/09 18:28	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538042

Date Collected: 2/24/2009 17:34

Matrix: Water

Sample ID: Pruzinski.J.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 17:12	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 17:12	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 17:12	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 17:12	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 17:12	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 17:12	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 17:12	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 17:12	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 17:12	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62-133	SW846 8260B		3/4/09 17:12	MES	A
4-Bromofluorobenzene (S)	95.4		%	79-114	SW846 8260B		3/4/09 17:12	MES	A
Dibromofluoromethane (S)	98.7		%	78-116	SW846 8260B		3/4/09 17:12	MES	A
Toluene-d8 (S)	107		%	76-127	SW846 8260B		3/4/09 17:12	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538041

Date Collected: 2/24/2009 17:31

Matrix: Water

Sample ID: Pruzinski.J.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:59	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:59	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:59	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 14:59	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 14:59	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:59	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 14:59	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:59	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:59	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62-133	SW846 8260B		3/4/09 14:59	MES	A
4-Bromofluorobenzene (S)	98		%	79-114	SW846 8260B		3/4/09 14:59	MES	A
Dibromofluoromethane (S)	99.6		%	78-116	SW846 8260B		3/4/09 14:59	MES	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		3/4/09 14:59	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538040 Date Collected: 2/24/2009 17:25 Matrix: Drinking Water  
Sample ID: Pruzinski.J.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:50	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:50	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:50	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/3/09 00:50	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:50	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:50	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/3/09 00:50	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:50	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:50	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	101		%	70-130	EPA 524.2		3/3/09 00:50	DD	A
4-Bromofluorobenzene (S)	95.5		%	70-130	EPA 524.2		3/3/09 00:50	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538027

Date Collected: 2/24/2009 11:21

Matrix: Water

Sample ID: Rabel.P.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:42	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:42	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:42	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 12:42	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 12:42	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:42	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 12:42	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:42	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 12:42	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	126		%	62-133	SW846 8260B		3/4/09 12:42	MES	A
4-Bromofluorobenzene (S)	87.1		%	79-114	SW846 8260B		3/4/09 12:42	MES	A
Dibromofluoromethane (S)	107		%	78-116	SW846 8260B		3/4/09 12:42	MES	A
Toluene-d8 (S)	135	1,2	%	76-127	SW846 8260B		3/4/09 12:42	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538026

Date Collected: 2/24/2009 11:14

Matrix: Water

Sample ID: Rabel.P.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:12	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:12	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:12	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 07:12	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 07:12	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:12	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 07:12	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:12	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:12	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	92.9		%	62-133	SW846 8260B		3/4/09 07:12	DD	A
4-Bromofluorobenzene (S)	88.6		%	79-114	SW846 8260B		3/4/09 07:12	DD	A
Dibromofluoromethane (S)	93.9		%	78-116	SW846 8260B		3/4/09 07:12	DD	A
Toluene-d8 (S)	98.4		%	76-127	SW846 8260B		3/4/09 07:12	DD	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538025 Date Collected: 2/24/2009 11:06 Matrix: Drinking Water  
Sample ID: Rabel.P.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:54	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:54	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:54	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 22:54	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:54	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:54	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 22:54	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:54	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:54	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	101		%	70-130	EPA 524.2		3/2/09 22:54	DD	A
4-Bromofluorobenzene (S)	96.4		%	70-130	EPA 524.2		3/2/09 22:54	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538039  
Sample ID: Rusyn.B.Feb09.Raw

Date Collected: 2/24/2009 16:31  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:39	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:39	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:39	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 16:39	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 16:39	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:39	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 16:39	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:39	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 16:39	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62-133	SW846 8260B		3/4/09 16:39	MES	A
4-Bromofluorobenzene (S)	99.5		%	79-114	SW846 8260B		3/4/09 16:39	MES	A
Dibromofluoromethane (S)	99.8		%	78-116	SW846 8260B		3/4/09 16:39	MES	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		3/4/09 16:39	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538038

Date Collected: 2/24/2009 16:26

Matrix: Water

Sample ID: Rusyn.B.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:25	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:25	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:25	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 14:25	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 14:25	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:25	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 14:25	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:25	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:25	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98.9		%	62-133	SW846 8260B		3/4/09 14:25	MES	A
4-Bromofluorobenzene (S)	99.6		%	79-114	SW846 8260B		3/4/09 14:25	MES	A
Dibromofluoromethane (S)	98.9		%	78-116	SW846 8260B		3/4/09 14:25	MES	A
Toluene-d8 (S)	106		%	76-127	SW846 8260B		3/4/09 14:25	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538037

Date Collected: 2/24/2009 16:22

Matrix: Drinking Water

Sample ID: Rusyn.B.Feb09.Treated

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:27	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:27	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:27	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/3/09 00:27	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:27	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:27	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/3/09 00:27	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:27	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 00:27	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	98.2		%	70-130	EPA 524.2		3/3/09 00:27	DD	A
4-Bromofluorobenzene (S)	88.6		%	70-130	EPA 524.2		3/3/09 00:27	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538009

Date Collected: 2/24/2009 08:09

Matrix: Water

Sample ID: Steinmetz.M.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:09	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:09	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:09	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 02:09	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 02:09	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:09	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 02:09	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:09	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 02:09	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.7		%	62-133	SW846 8260B		3/4/09 02:09	DD	A
4-Bromofluorobenzene (S)	90		%	79-114	SW846 8260B		3/4/09 02:09	DD	A
Dibromofluoromethane (S)	93.2		%	78-116	SW846 8260B		3/4/09 02:09	DD	A
Toluene-d8 (S)	95.2		%	76-127	SW846 8260B		3/4/09 02:09	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538008 Date Collected: 2/24/2009 08:06 Matrix: Water  
Sample ID: Steinmetz.M.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:42	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:42	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:42	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 01:42	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 01:42	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:42	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 01:42	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:42	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 01:42	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.6		%	62-133	SW846 8260B		3/4/09 01:42	DD	A
4-Bromofluorobenzene (S)	88.2		%	79-114	SW846 8260B		3/4/09 01:42	DD	A
Dibromofluoromethane (S)	94.6		%	78-116	SW846 8260B		3/4/09 01:42	DD	A
Toluene-d8 (S)	97.2		%	76-127	SW846 8260B		3/4/09 01:42	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538007

Date Collected: 2/24/2009 08:00

Matrix: Drinking Water

Sample ID: Steinmetz.M.Feb09.Treated

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:35	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:35	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:35	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 20:35	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:35	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:35	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 20:35	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:35	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 20:35	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	101		%	70-130	EPA 524.2		3/2/09 20:35	DD	A
4-Bromofluorobenzene (S)	97.3		%	70-130	EPA 524.2		3/2/09 20:35	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538003

Date Collected: 2/24/2009 07:15

Matrix: Water

Sample ID: Strong.B.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:20	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:20	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:20	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 00:20	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 00:20	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:20	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 00:20	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:20	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 00:20	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.6		%	62-133	SW846 8260B		3/4/09 00:20	DD	A
4-Bromofluorobenzene (S)	87.8		%	79-114	SW846 8260B		3/4/09 00:20	DD	A
Dibromofluoromethane (S)	91.9		%	78-116	SW846 8260B		3/4/09 00:20	DD	A
Toluene-d8 (S)	96.5		%	76-127	SW846 8260B		3/4/09 00:20	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538002

Date Collected: 2/24/2009 07:07

Matrix: Water

Sample ID: Strong.B.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:53	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:53	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:53	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/3/09 23:53	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/3/09 23:53	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:53	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/3/09 23:53	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:53	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/3/09 23:53	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.7		%	62-133	SW846 8260B		3/3/09 23:53	DD	A
4-Bromofluorobenzene (S)	90.6		%	79-114	SW846 8260B		3/3/09 23:53	DD	A
Dibromofluoromethane (S)	92.9		%	78-116	SW846 8260B		3/3/09 23:53	DD	A
Toluene-d8 (S)	96.2		%	76-127	SW846 8260B		3/3/09 23:53	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: **9777538001** Date Collected: 2/24/2009 07:02 Matrix: Drinking Water  
Sample ID: **Strong.B.Feb09.Treated** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 19:49	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 19:49	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 19:49	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 19:49	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 19:49	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 19:49	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 19:49	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 19:49	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 19:49	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	99.1		%	70-130	EPA 524.2		3/2/09 19:49	DD	A
4-Bromofluorobenzene (S)	96.8		%	70-130	EPA 524.2		3/2/09 19:49	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534027 Date Collected: 2/24/2009 11:20 Matrix: Water  
Sample ID: Telesz.A.Feb09.Raw Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:31	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:31	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:31	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 07:31	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 07:31	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:31	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 07:31	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:31	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 07:31	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	120		%	62-133	SW846 8260B		3/4/09 07:31	MES	A
4-Bromofluorobenzene (S)	90		%	79-114	SW846 8260B		3/4/09 07:31	MES	A
Dibromofluoromethane (S)	106		%	78-116	SW846 8260B		3/4/09 07:31	MES	A
Toluene-d8 (S)	130	2,3	%	76-127	SW846 8260B		3/4/09 07:31	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534026

Date Collected: 2/24/2009 11:17

Matrix: Water

Sample ID: Telesz.A.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:56	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:56	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:56	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 14:56	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 14:56	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:56	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 14:56	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:56	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 14:56	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	96.4		%	62-133	SW846 8260B		3/4/09 14:56	MES	A
4-Bromofluorobenzene (S)	86.7		%	79-114	SW846 8260B		3/4/09 14:56	MES	A
Dibromofluoromethane (S)	93.3		%	78-116	SW846 8260B		3/4/09 14:56	MES	A
Toluene-d8 (S)	98.8		%	76-127	SW846 8260B		3/4/09 14:56	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534025 Date Collected: 2/24/2009 11:15 Matrix: Drinking Water  
Sample ID: Telesz.A.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 19:46	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 19:46	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 19:46	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 19:46	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 19:46	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 19:46	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 19:46	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 19:46	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 19:46	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	101		%	70-130	EPA 524.2		3/4/09 19:46	DD	A
4-Bromofluorobenzene (S)	93.6		%	70-130	EPA 524.2		3/4/09 19:46	DD	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534030  
Sample ID: Tokarz.F.Feb09.Raw

Date Collected: 2/24/2009 11:50  
Date Received: 2/26/2009 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:39	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:39	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:39	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 08:39	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 08:39	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:39	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 08:39	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:39	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:39	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	121		%	62-133	SW846 8260B		3/4/09 08:39	MES	A
4-Bromofluorobenzene (S)	86.9		%	79-114	SW846 8260B		3/4/09 08:39	MES	A
Dibromofluoromethane (S)	105		%	78-116	SW846 8260B		3/4/09 08:39	MES	A
Toluene-d8 (S)	130	2,3	%	76-127	SW846 8260B		3/4/09 08:39	MES	A

Sample Comments:

Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777534 27058.02

Lab ID: 9777534029

Date Collected: 2/24/2009 11:47

Matrix: Water

Sample ID: Tokarz.F.Feb09.Middle

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:05	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:05	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:05	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 08:05	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 08:05	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:05	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 08:05	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:05	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 08:05	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	119		%	62-133	SW846 8260B		3/4/09 08:05	MES	A
4-Bromofluorobenzene (S)	87.6		%	79-114	SW846 8260B		3/4/09 08:05	MES	A
Dibromofluoromethane (S)	107		%	78-116	SW846 8260B		3/4/09 08:05	MES	A
Toluene-d8 (S)	130	2,3	%	76-127	SW846 8260B		3/4/09 08:05	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: **9777534028** Date Collected: 2/24/2009 11:45 Matrix: Drinking Water  
Sample ID: **Tokarz.F.Feb09.Treated** Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:12	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:12	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:12	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/4/09 20:12	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:12	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:12	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/4/09 20:12	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:12	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/4/09 20:12	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	98.1		%	70-130	EPA 524.2		3/4/09 20:12	DD	A
4-Bromofluorobenzene (S)	88.6		%	70-130	EPA 524.2		3/4/09 20:12	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538024

Date Collected: 2/24/2009 10:52

Matrix: Water

Sample ID: Trinovitch.J.Feb09.Raw

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:39	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:39	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:39	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 06:39	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 06:39	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:39	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 06:39	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:39	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:39	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	93.1		%	62-133	SW846 8260B		3/4/09 06:39	DD	A
4-Bromofluorobenzene (S)	87.5		%	79-114	SW846 8260B		3/4/09 06:39	DD	A
Dibromofluoromethane (S)	93.1		%	78-116	SW846 8260B		3/4/09 06:39	DD	A
Toluene-d8 (S)	97.7		%	76-127	SW846 8260B		3/4/09 06:39	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538023 Date Collected: 2/24/2009 10:43 Matrix: Water  
Sample ID: Trinovitch.J.Feb09.Middle Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:12	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:12	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:12	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/4/09 06:12	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/4/09 06:12	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:12	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/4/09 06:12	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:12	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/4/09 06:12	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91.2		%	62-133	SW846 8260B		3/4/09 06:12	DD	A
4-Bromofluorobenzene (S)	87.6		%	79-114	SW846 8260B		3/4/09 06:12	DD	A
Dibromofluoromethane (S)	92.3		%	78-116	SW846 8260B		3/4/09 06:12	DD	A
Toluene-d8 (S)	98.9		%	76-127	SW846 8260B		3/4/09 06:12	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777538 27058.02

Lab ID: 9777538022 Date Collected: 2/24/2009 10:31 Matrix: Drinking Water  
Sample ID: Trinovitch.J.Feb09.Treated Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:31	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:31	DD	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:31	DD	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/2/09 22:31	DD	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:31	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:31	DD	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/2/09 22:31	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:31	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/2/09 22:31	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	97.6		%	70-130	EPA 524.2		3/2/09 22:31	DD	A
4-Bromofluorobenzene (S)	91.4		%	70-130	EPA 524.2		3/2/09 22:31	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9777538 27058.02

Lab ID: 9777538043  
Sample ID: Trip Blank.JL.Feb09

Date Collected: 2/24/2009 06:45

Matrix: Drinking Water

Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:11	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:11	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:11	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/3/09 18:11	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:11	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:11	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/3/09 18:11	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:11	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:11	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	97.2		%	70-130	EPA 524.2		3/3/09 18:11	DJB	A
4-Bromofluorobenzene (S)	90.4		%	70-130	EPA 524.2		3/3/09 18:11	DJB	A

**Sample Comments:**

Methods for the analysis of volatile organics require that the sample be preserved to a pH less than 2 using HCl. This sample had a pH greater than 2 when received by the lab.

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9777534 27058.02

Lab ID: 9777534040 Date Collected: 2/24/2009 06:50 Matrix: Drinking Water  
Sample ID: Trip Blank.KC.Feb09 Date Received: 2/26/2009 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:34	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:34	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:34	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/3/09 18:34	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:34	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:34	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/3/09 18:34	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:34	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/3/09 18:34	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	97		%	70-130	EPA 524.2		3/3/09 18:34	DJB	A
4-Bromofluorobenzene (S)	94.4		%	70-130	EPA 524.2		3/3/09 18:34	DJB	A

**Sample Comments:**

Methods for the analysis of volatile organics require that the sample be preserved to a pH less than 2 using HCl. This sample had a pH greater than 2 when received by the lab.

  
Anna G Milliken  
Laboratory Manager



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## ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9777534 27058.02

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### PARAMETER QUALIFIERS\FLAGS

- [1] This compound was recovered above quality control criteria in the matrix spike duplicate of this sample. The LCS had acceptable recoveries, satisfying method criteria.
- [2] Data is not believed to be impacted.
- [3] The surrogate recovery was outside of the established control limits.

POET System Sampling Analytical Data Sheets

May 2009



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## Certificate of Analysis

Project Name:	LEWIS BROTHERS - PA SITE	Workorder:	9792103
Purchase Order:		Workorder ID:	27058.04

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

June 12, 2009

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Tuesday, June 02, 2009

ALSI is a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAC.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAC accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**SAMPLE SUMMARY**

Workorder: 9792103 27058.04

Discard Date: 06/26/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9792103001	BRIGHT.B.MAY09.TREATED	Drinking Water	5/29/09 07:47	6/2/09 09:15	Customer
9792103002	BRIGHT.B.MAY09.MIDDLE	Ground Water	5/29/09 07:53	6/2/09 09:15	Customer
9792103003	BRIGHT.B.MAY09.RAW	Ground Water	5/29/09 07:56	6/2/09 09:15	Customer
9792103004	KOWALSKI.W.MAY09.TREATED	Drinking Water	5/29/09 08:11	6/2/09 09:15	Customer
9792103005	KOWALSKI.W.MAY09.MIDDLE	Ground Water	5/29/09 08:15	6/2/09 09:15	Customer
9792103006	KOWALSKI.W.MAY09.RAW	Ground Water	5/29/09 08:19	6/2/09 09:15	Customer
9792103007	CROSSLEY.B.MAY09.TREATED	Drinking Water	5/29/09 08:36	6/2/09 09:15	Customer
9792103008	CROSSLEY.B.MAY09.MIDDLE	Ground Water	5/29/09 08:42	6/2/09 09:15	Customer
9792103009	CROSSLEY.B.MAY09.RAW	Ground Water	5/29/09 08:49	6/2/09 09:15	Customer
9792103010	FRYZEL.R.MAY09.TREATED	Drinking Water	5/29/09 16:00	6/2/09 09:15	Customer
9792103011	FRYZEL.R.MAY09.MIDDLE	Ground Water	5/29/09 16:04	6/2/09 09:15	Customer
9792103012	FRYZEL.R.MAY09.RAW	Ground Water	5/29/09 16:07	6/2/09 09:15	Customer
9792103013	JARROW.A.MAY09.TREATED	Drinking Water	5/29/09 16:45	6/2/09 09:15	Customer
9792103014	JARROW.A.MAY09.MIDDLE	Ground Water	5/29/09 16:53	6/2/09 09:15	Customer
9792103015	JARROW.A.MAY09.RAW	Ground Water	5/29/09 16:58	6/2/09 09:15	Customer

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



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**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: **9792103003** Date Collected: 5/29/2009 07:56 Matrix: Ground Water  
Sample ID: **BRIGHT.B.MAY09.RAW** Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:01	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:01	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:01	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/10/09 23:01	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/10/09 23:01	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:01	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/10/09 23:01	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:01	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:01	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	118		%	62-133	SW846 8260B		6/10/09 23:01	DD	A
4-Bromofluorobenzene (S)	108		%	79-114	SW846 8260B		6/10/09 23:01	DD	A
Dibromofluoromethane (S)	112		%	78-116	SW846 8260B		6/10/09 23:01	DD	A
Toluene-d8 (S)	117		%	76-127	SW846 8260B		6/10/09 23:01	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: 9792103002 Date Collected: 5/29/2009 07:53 Matrix: Ground Water  
Sample ID: BRIGHT.B.MAY09.MIDDLE Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/10/09 18:58	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 18:58	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 18:58	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/10/09 18:58	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/10/09 18:58	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/10/09 18:58	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/10/09 18:58	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 18:58	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 18:58	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	113		%	62-133	SW846 8260B		6/10/09 18:58	DJB	A
4-Bromofluorobenzene (S)	89.6		%	79-114	SW846 8260B		6/10/09 18:58	DJB	A
Dibromofluoromethane (S)	88.1		%	78-116	SW846 8260B		6/10/09 18:58	DJB	A
Toluene-d8 (S)	105		%	76-127	SW846 8260B		6/10/09 18:58	DJB	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9792103 27058.04

Lab ID: 9792103001 Date Collected: 5/29/2009 07:47 Matrix: Drinking Water  
Sample ID: BRIGHT.B.MAY09.TREATED Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/4/09 05:39	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 05:39	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 05:39	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/4/09 05:39	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/4/09 05:39	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/4/09 05:39	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/4/09 05:39	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 05:39	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 05:39	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	80.7		%	70-130	EPA 524.2		6/4/09 05:39	MES	A
4-Bromofluorobenzene (S)	74.6		%	70-130	EPA 524.2		6/4/09 05:39	MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: **9792103009** Date Collected: 5/29/2009 08:49 Matrix: Ground Water  
Sample ID: **CROSSLEY.B.MAY09.RAW** Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	6.7		ug/L	1.0	SW846 8260B		6/11/09 02:54	DD	A
Ethylbenzene	2.8		ug/L	1.0	SW846 8260B		6/11/09 02:54	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:54	DD	A
Methyl t-Butyl Ether	13.9		ug/L	1.0	SW846 8260B		6/11/09 02:54	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/11/09 02:54	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:54	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/11/09 02:54	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:54	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:54	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	119		%	62-133	SW846 8260B		6/11/09 02:54	DD	A
4-Bromofluorobenzene (S)	109		%	79-114	SW846 8260B		6/11/09 02:54	DD	A
Dibromofluoromethane (S)	115		%	78-116	SW846 8260B		6/11/09 02:54	DD	A
Toluene-d8 (S)	114		%	76-127	SW846 8260B		6/11/09 02:54	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: **9792103008** Date Collected: 5/29/2009 08:42 Matrix: Ground Water  
Sample ID: **CROSSLEY.B.MAY09.MIDDLE** Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:21	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:21	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:21	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/11/09 02:21	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/11/09 02:21	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:21	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/11/09 02:21	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:21	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 02:21	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	118		%	62-133	SW846 8260B		6/11/09 02:21	DD	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		6/11/09 02:21	DD	A
Dibromofluoromethane (S)	112		%	78-116	SW846 8260B		6/11/09 02:21	DD	A
Toluene-d8 (S)	118		%	76-127	SW846 8260B		6/11/09 02:21	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: **9792103007** Date Collected: 5/29/2009 08:36 Matrix: Drinking Water  
Sample ID: **CROSSLEY.B.MAY09.TREATED** Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:31	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:31	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:31	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/4/09 06:31	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:31	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:31	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/4/09 06:31	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:31	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:31	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	75.5		%	70-130	EPA 524.2		6/4/09 06:31	MES	A
4-Bromofluorobenzene (S)	73.1		%	70-130	EPA 524.2		6/4/09 06:31	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

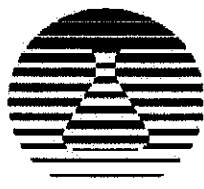
Workorder: 9792103 27058.04

Lab ID: 9792103012 Date Collected: 5/29/2009 16:07 Matrix: Ground Water  
Sample ID: FRYZEL.R.MAY09.RAW Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:14	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:14	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:14	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/11/09 01:14	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/11/09 01:14	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:14	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/11/09 01:14	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:14	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:14	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	121		%	62-133	SW846 8260B		6/11/09 01:14	DD	A
4-Bromofluorobenzene (S)	105		%	79-114	SW846 8260B		6/11/09 01:14	DD	A
Dibromofluoromethane (S)	115		%	78-116	SW846 8260B		6/11/09 01:14	DD	A
Toluene-d8 (S)	117		%	76-127	SW846 8260B		6/11/09 01:14	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: **9792103011** Date Collected: 5/29/2009 16:04 Matrix: Ground Water  
Sample ID: **FRYZEL.R.MAY09.MIDDLE** Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/11/09 21:59	DD	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 21:59	DD	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 21:59	DD	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/11/09 21:59	DD	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/11/09 21:59	DD	B
Toluene	ND		ug/L	1.0	SW846 8260B		6/11/09 21:59	DD	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/11/09 21:59	DD	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 21:59	DD	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 21:59	DD	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	113		%	62-133	SW846 8260B		6/11/09 21:59	DD	B
4-Bromofluorobenzene (S)	100		%	79-114	SW846 8260B		6/11/09 21:59	DD	B
Dibromofluoromethane (S)	107		%	78-116	SW846 8260B		6/11/09 21:59	DD	B
Toluene-d8 (S)	109		%	76-127	SW846 8260B		6/11/09 21:59	DD	B

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: 9792103010 Date Collected: 5/29/2009 16:00 Matrix: Drinking Water  
Sample ID: FRYZEL.R.MAY09.TREATED Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:29	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:29	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:29	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/5/09 23:29	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:29	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:29	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/5/09 23:29	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:29	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:29	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	76.4		%	70-130	EPA 524.2		6/5/09 23:29	MES	A
4-Bromofluorobenzene (S)	71.1		%	70-130	EPA 524.2		6/5/09 23:29	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: 9792103015 Date Collected: 5/29/2009 16:58 Matrix: Ground Water  
Sample ID: JARROW.A.MAY09.RAW Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/11/09 20:57	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 20:57	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 20:57	DD	A
Methyl t-Butyl Ether	15.3		ug/L	1.0	SW846 8260B		6/11/09 20:57	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/11/09 20:57	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/11/09 20:57	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/11/09 20:57	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 20:57	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 20:57	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	110		%	62-133	SW846 8260B		6/11/09 20:57	DD	A
4-Bromofluorobenzene (S)	92.5		%	79-114	SW846 8260B		6/11/09 20:57	DD	A
Dibromofluoromethane (S)	93.2		%	78-116	SW846 8260B		6/11/09 20:57	DD	A
Toluene-d8 (S)	93.6		%	76-127	SW846 8260B		6/11/09 20:57	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





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**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: 9792103014 Date Collected: 5/29/2009 16:53 Matrix: Ground Water  
Sample ID: JARROW.A.MAY09.MIDDLE Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:48	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:48	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:48	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/11/09 01:48	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/11/09 01:48	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:48	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/11/09 01:48	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:48	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 01:48	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	118		%	62-133	SW846 8260B		6/11/09 01:48	DD	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		6/11/09 01:48	DD	A
Dibromofluoromethane (S)	114		%	78-116	SW846 8260B		6/11/09 01:48	DD	A
Toluene-d8 (S)	121		%	76-127	SW846 8260B		6/11/09 01:48	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9792103 27058.04

Lab ID: 9792103013 Date Collected: 5/29/2009 16:45 Matrix: Drinking Water  
Sample ID: JARROW.A.MAY09.TREATED Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:55	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:55	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:55	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/5/09 23:55	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:55	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:55	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/5/09 23:55	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:55	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/5/09 23:55	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	75.3		%	70-130	EPA 524.2		6/5/09 23:55	MES	A
4-Bromofluorobenzene (S)	72.4		%	70-130	EPA 524.2		6/5/09 23:55	MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: 9792103006 Date Collected: 5/29/2009 08:19 Matrix: Ground Water  
Sample ID: KOWALSKI.W.MAY09.RAW Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/11/09 00:08	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 00:08	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 00:08	DD	A
Methyl t-Butyl Ether	1.7		ug/L	1.0	SW846 8260B		6/11/09 00:08	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/11/09 00:08	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/11/09 00:08	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/11/09 00:08	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 00:08	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/11/09 00:08	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	116		%	62-133	SW846 8260B		6/11/09 00:08	DD	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		6/11/09 00:08	DD	A
Dibromofluoromethane (S)	114		%	78-116	SW846 8260B		6/11/09 00:08	DD	A
Toluene-d8 (S)	116		%	76-127	SW846 8260B		6/11/09 00:08	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: 9792103005 Date Collected: 5/29/2009 08:15 Matrix: Ground Water  
Sample ID: KOWALSKI.W.MAY09.MIDDLE Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:35	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:35	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:35	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/10/09 23:35	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/10/09 23:35	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:35	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/10/09 23:35	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:35	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/10/09 23:35	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	120		%	62-133	SW846 8260B		6/10/09 23:35	DD	A
4-Bromofluorobenzene (S)	103		%	79-114	SW846 8260B		6/10/09 23:35	DD	A
Dibromofluoromethane (S)	113		%	78-116	SW846 8260B		6/10/09 23:35	DD	A
Toluene-d8 (S)	111		%	76-127	SW846 8260B		6/10/09 23:35	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9792103 27058.04

Lab ID: **9792103004** Date Collected: 5/29/2009 08:11 Matrix: Drinking Water  
Sample ID: **KOWALSKI.W.MAY09.TREATED** Date Received: 6/2/2009 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:05	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:05	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:05	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/4/09 06:05	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:05	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:05	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/4/09 06:05	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:05	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/4/09 06:05	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	78.8		%	70-130	EPA 524.2		6/4/09 06:05	MES	A
4-Bromofluorobenzene (S)	71.9		%	70-130	EPA 524.2		6/4/09 06:05	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



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Page 1 of 3  
 Courier: **FED EX**  
 Tracking #: **8489-0328**

### CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
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34 Dogwood Lane • Middletown, PA 17057 • 717-944-3544 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS IAC**  
 Contact: **MARTIN GILGALLON** Phone: **570-487-1959**  
 Address: **826 MAIN STREET PECKVILLE PA 18452**

Bill ID is shown on Report to:

Project Name#: **27058.04** ALSI Quote #:  
 Date Requested:  
 Approved By:  
 Email?  **PA.TECTONICS@HOTMAIL.COM**

Sample Description/Location (as listed on the shipping report)	Sample Date	Military Tank	COC Comments
1 <b>BRIGHT, B. MAY 09, TREATED</b>	5/19/09	0717	
2 <b>BRIGHT, B. MAY 09, MINE</b>	5/19/09	0717	
3 <b>BRIGHT, B. MAY 09, RAW</b>	5/19/09	0717	
4 <b>KOWALSKI, W. MAY 09, TREATED</b>	5/19/09	0811	
5 <b>KOWALSKI, W. MAY 09, MINE</b>	5/19/09	0815	
6 <b>KOWALSKI, W. MAY 09, RAW</b>	5/19/09	0819	

SAMPLED BY (Please Print):	LOGGED BY (Signature):	RECEIVED BY (Signature):	Date	Time	Received By / Company Name	Date	Time
Jerry Luchensky	[Signature]	[Signature]	6.1.09	0700	PA Tectonics	6.1.09	0700

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Analysis

Container No.	Analysis Method	Number of Containers
1	NEW LIST, EPA 816-D PENNSYLVANIA UNLABLED	2
2	NEW LIST, EPA 816-D PENNSYLVANIA UNLABLED	2
3	NEW LIST, EPA 816-D PENNSYLVANIA UNLABLED	2
4	NEW LIST, EPA 816-D PENNSYLVANIA UNLABLED	2
5	NEW LIST, EPA 816-D PENNSYLVANIA UNLABLED	2

Container Type: **GGC6**  
 Container Size: **40ml**  
 Preservation: **HCL/HCL**

Container ID: **00255**

Notes:

ALSIFIELD SERVICES

Correct container?	Y	Correct sample volume?	N	Correct preservation?	N	Headspace/Overhead?	N	Container in good condition?	N
--------------------	---	------------------------	---	-----------------------	---	---------------------	---	------------------------------	---

Sum Samples Exhibited in?

SWT	Yes	NO	Yes	NO	Yes	NO	Yes	NO	Yes	NO
-----	-----	----	-----	----	-----	----	-----	----	-----	----

EDS:  Standard  CUP-File  RI-Reduced  RI-Full  RI-Other

DOD Credits Required?



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Page 2 of 3  
 Order: FED ER  
 Tracking #: 8089-5286-7403 9792103

### CHAIN OF CUSTODY REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
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 34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax 717-944-1430

Co. Name: PENNSYLVANIA TECNIONICS INC  
 Contact (report to): MARTIN GILGALLON  
 Address: 826 MAIN ST PECKVILLE PA 1845A  
 Phone: 570-487-1959

Project Name#: 27058.04  
 ALSI Quote #: [ ]  
 Test Required: [ ]  
 Approved By: [ ]

Sample Description/Location: [ ]  
 Sample Date: [ ]  
 Military Time: [ ]

Sample No.	Sample Description/Location	Sample Date	Military Time	COG Comments	Enter Number of Containers Per Analysis
1	CROSSLEY, B. MAYO9. TRENTEA	5/21/09	0836		2
2	CROSSLEY, B. MAYO9. MIDDLE	5/21/09	0842		2
3	CROSSLEY, B. MAYO9. RAW	5/21/09	0849		2
4	FAYZEL, R. MAYO9. TRENTEA	5/21/09	1600		2
5	FAYZEL, R. MAYO9. MIDDLE	5/21/09	1604		2
6	FAYZEL, R. MAYO9. RAW	5/21/09	1607		2

Bill To (if different than Report to): [ ]  
 POB: [ ]

COG Comments: [ ]

Sample Date: [ ] Military Time: [ ]

LOCATED BY (signature): [ ]  
 REVIEWED BY (signature): [ ]

Relinquished By / Company Name: Jerry Luckwsky  
 Date: 6.1.09 Time: 0700

Received By / Company Name: [ ]  
 Date: [ ] Time: [ ]

Container No.	Container Type	Container Size	PL-Plastic	Clear Glass	AG- Amber Glass	CG- Clear Glass	FL- Plastic	Container Stoc.	750ml, 300ml, 1L, 500ml, etc.	Preservative: HCL, HNO3, NIOH, etc.
1	2	4	6	8	10					

ANALYSIS METHOD REQUESTED: [ ]

Receipt Information: [ ]

Correct containers? [ ] Correct sample volume? [ ] Correct preservation? [ ] Headspace/Volatility? [ ] Containers in good condition? [ ]

ALS FIELD SERVICES: [ ]

DATA DEVIATIONS: [ ]



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Page 3 of 3

Order: **FED EX**

Tracking #: **8089-5286-7403 979210**

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

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 Environmental • Industrial Hygiene • Field Services

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Co. Name: **PENNSYLVANIA TECTONICS INC**

Contact person: **MARTIN GILGALLON**  
 Phone: **570-487-7959**

Address: **826 MAIN ST  
 PECKVILLE PA 18452**

Bill to: **Michigan Bar Report**

PO#: \_\_\_\_\_

Project Name: **217058.04** ALSI Quote #: \_\_\_\_\_  
 Use Required: \_\_\_\_\_  
 Approved By: \_\_\_\_\_

TAT:  Normal-Standard TAT is 14-12 business days.  
 Rush-Subject to ALSI approval and surcharges.

Email:  Y  N **TECTONICS@hotmail.com**

Fax:  Y  N

Sample Description/Location (as it appears on the label)	COC Comments	Sample Date	Military Time	Received By / Company Name	Date	Time
JARROLD, A. MAYOR, TREATING		5/16/09	16:45			
JARROLD, A. MAYOR, M. ANGLE		5/16/09	16:53			
JARROLD, A. MAYOR, R. RHO		5/16/09	16:58			
4 Trip Blank		*				
5						
6						
7						
8						

LOGGED BY (Please Print)	REMOVED BY (Please Print)
Jerry Lubnasty	
Received By / Company Name	
Date	6.1.09
Time	0700
Received By / Company Name	
Date	5/16/09
Time	1448

ANALYSIS METHOD REQUESTED

\* Trip Blank provided by Lab.

Enter Number of Containers Per Analysis

Container No.	Matrix	Container Type	Container Size	Container Material	Container Closure	Container Label	Container Volume	Container Weight	Container Temperature	Container Location	Container Date	Container Time
1	NEW LIST, EPA 534.2	NEW LIST, EPA 8260										
2	NEW LIST, EPA 534.2	NEW LIST, EPA 8260										
3	NEW LIST, EPA 534.2	NEW LIST, EPA 8260										
4	NEW LIST, EPA 534.2	NEW LIST, EPA 8260										
5	NEW LIST, EPA 534.2	NEW LIST, EPA 8260										
6	NEW LIST, EPA 534.2	NEW LIST, EPA 8260										
7	NEW LIST, EPA 534.2	NEW LIST, EPA 8260										
8	NEW LIST, EPA 534.2	NEW LIST, EPA 8260										

Receipt Information

Container Label (Required)

Container Volume (Required)

Container Weight (Required)

Container Temperature (Required)

Container Location (Required)

Container Date (Required)

Container Time (Required)

Theme: ID: **520355**

No. of Containers: \_\_\_\_\_

Notes: \_\_\_\_\_

ALSIS FIELD SERVICES

Recap

Label

Compos. Striping

Remil. Equipment

Other

CO-Label's compliance?

Received on test?

(If present) Seals intact?

Correct sample volume?

Correct container?

Container in good condition?

SWA

Form No.

Calibrated by

MA

HA

NY

PA

Data Deliverables

Standard

CU-File

NU-Request

NU-Fill

Other

EDS

Any/Yes

Yes/Some/Type/Other

EDS Critical Required?

Matrix: Air-Air, Dry-Dispersing Water, Over-Underwater, Ditch, CU-Other Liquid, SPS-Sol, WP-Water, NMA-Masterwater

Container Type: AG-Absorb Glass, CG-Clear Glass, PL-Plastic, Container Size: 250ml, 500ml, 1L, 500ml, 1L, 500ml, etc. Preservative: RCI, HNO3, HNO2, etc.



POET System Sampling Analytical Data Sheets

September 2009



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**34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430**

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>9809149</b>
Purchase Order:	Workorder ID: <b>27058.04</b>

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

September 30, 2009

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Wednesday, September 16, 2009

ALSI is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**SAMPLE SUMMARY**

Workorder: 9809149 27058.04

Discard Date: 10/14/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9809149001	BRIGHT.B.SEP09.RAW	Water	9/14/09 07:10	9/16/09 09:20	Customer
9809149002	BRIGHT.B.SEP09.MIDDLE	Water	9/14/09 07:07	9/16/09 09:20	Customer
9809149003	BRIGHT.B.SEP09.TREATED	Drinking Water	9/14/09 07:05	9/16/09 09:20	Customer
9809149004	LEWISHOME.SEP09.RAW	Water	9/14/09 07:40	9/16/09 09:20	Customer
9809149005	LEWISHOME.SEP09.MIDDLE	Water	9/14/09 07:37	9/16/09 09:20	Customer
9809149006	LEWISHOME.SEP09.TREATED	Drinking Water	9/14/09 07:35	9/16/09 09:20	Customer
9809149007	JARROW.A.SEP09.RAW	Water	9/14/09 08:10	9/16/09 09:20	Customer
9809149008	JARROW.A.SEP09.MIDDLE	Water	9/14/09 08:07	9/16/09 09:20	Customer
9809149009	JARROW.A.SEP09.TREATED	Drinking Water	9/14/09 08:05	9/16/09 09:20	Customer
9809149010	CROSSLEY.B.SEP09.RAW	Water	9/14/09 08:40	9/16/09 09:20	Customer
9809149011	CROSSLEY.B.SEP09.MIDDLE	Water	9/14/09 08:37	9/16/09 09:20	Customer
9809149012	CROSSLEY.B.SEP09.TREATED	Drinking Water	9/14/09 08:35	9/16/09 09:20	Customer
9809149013	KOWALSKI.W.SEP09.RAW	Water	9/14/09 09:10	9/16/09 09:20	Customer
9809149014	KOWALSKI.W.SEP09.MIDDLE	Water	9/14/09 09:07	9/16/09 09:20	Customer
9809149015	KOWALSKI.W.SEP09.TREATED	Drinking Water	9/14/09 09:05	9/16/09 09:20	Customer
9809149016	FRYZEL.R.SEP09.RAW	Water	9/14/09 16:20	9/16/09 09:20	Customer
9809149017	FRYZEL.R.SEP09.MIDDLE	Water	9/14/09 16:17	9/16/09 09:20	Customer
9809149018	FRYZEL.R.SEP09.TREATED	Drinking Water	9/14/09 16:15	9/16/09 09:20	Customer
9809149019	TRIP BLANK-KC-9-14-09	Water	9/16/09 09:20	9/16/09 09:20	Customer

**Workorder Comments:**



**SAMPLE SUMMARY**

Workorder: 9809149 27058.04

Discard Date: 10/14/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
--------	-----------	--------	----------------	---------------	--------------

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - Indicates that the analyte was Not Detected at the RDL
- Cnr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: **9809149001**  
Sample ID: **BRIGHT.B.SEP09.RAW**

Date Collected: 9/14/2009 07:10  
Date Received: 9/16/2009 09:20

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Ethylbenzene	ND	1	ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 00:37	DD	A
Toluene	ND	2	ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 00:37	DD	A
1,2,4-Trimethylbenzene	ND	3	ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62-133	SW846 8260B		9/24/09 00:37	DD	A
4-Bromofluorobenzene (S)	95.2		%	79-114	SW846 8260B		9/24/09 00:37	DD	A
Dibromofluoromethane (S)	87.8		%	78-116	SW846 8260B		9/24/09 00:37	DD	A
Toluene-d8 (S)	105		%	76-127	SW846 8260B		9/24/09 00:37	DD	A

**Sample Comments:**

This report was modified to correct the sample designation per the COC. TMH 9/30/09

Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9809149 27058.04

Lab ID: 9809149002

Date Collected: 9/14/2009 07:07

Matrix: Water

Sample ID: BRIGHT.B.SEP09.MIDDLE

Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 03:23	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 03:23	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.9		%	62-133	SW846 8260B		9/24/09 03:23	DD	A
4-Bromofluorobenzene (S)	96.1		%	79-114	SW846 8260B		9/24/09 03:23	DD	A
Dibromofluoromethane (S)	81.2		%	78-116	SW846 8260B		9/24/09 03:23	DD	A
Toluene-d8 (S)	106		%	76-127	SW846 8260B		9/24/09 03:23	DD	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149003 Date Collected: 9/14/2009 07:05 Matrix: Drinking Water  
Sample ID: BRIGHT.B.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 17:35	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	89.3		%	70-130	EPA 524.2		9/23/09 17:35	TMP	A
4-Bromofluorobenzene (S)	76.5		%	70-130	EPA 524.2		9/23/09 17:35	TMP	A

Sample Comments:

Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149010 Date Collected: 9/14/2009 08:40 Matrix: Water  
Sample ID: CROSSLEY.B.SEP09.RAW Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	3.9		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Ethylbenzene	4.0		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Methyl t-Butyl Ether	7.1		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 12:22	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 12:22	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	124		%	62-133	SW846 8260B		9/24/09 12:22	MES	A
4-Bromofluorobenzene (S)	95.4		%	79-114	SW846 8260B		9/24/09 12:22	MES	A
Dibromofluoromethane (S)	108		%	78-116	SW846 8260B		9/24/09 12:22	MES	A
Toluene-d8 (S)	108		%	76-127	SW846 8260B		9/24/09 12:22	MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9809149 27058.04

Lab ID: 9809149011 Date Collected: 9/14/2009 08:37 Matrix: Water  
Sample ID: CROSSLEY.B.SEP09.MIDDLE Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 18:28	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 18:28	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62-133	SW846 8260B		9/24/09 18:28	MES	A
4-Bromofluorobenzene (S)	99.9		%	79-114	SW846 8260B		9/24/09 18:28	MES	A
Dibromofluoromethane (S)	89.6		%	78-116	SW846 8260B		9/24/09 18:28	MES	A
Toluene-d8 (S)	109		%	76-127	SW846 8260B		9/24/09 18:28	MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149012

Date Collected: 9/14/2009 08:35

Matrix: Drinking Water

Sample ID: CROSSLEY.B.SEP09.TREATED

Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 18:45	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	89.1		%	70-130	EPA 524.2		9/23/09 18:45	TMP	A
4-Bromofluorobenzene (S)	79.5		%	70-130	EPA 524.2		9/23/09 18:45	TMP	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149016 Date Collected: 9/14/2009 16:20 Matrix: Water  
Sample ID: FRYZEL.R.SEP09.RAW Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/28/09 19:52	TMP	B
Toluene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/28/09 19:52	TMP	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	106		%	62-133	SW846 8260B		9/28/09 19:52	TMP	B
4-Bromofluorobenzene (S)	94.8		%	79-114	SW846 8260B		9/28/09 19:52	TMP	B
Dibromofluoromethane (S)	101		%	78-116	SW846 8260B		9/28/09 19:52	TMP	B
Toluene-d8 (S)	107		%	76-127	SW846 8260B		9/28/09 19:52	TMP	B

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149017 Date Collected: 9/14/2009 16:17 Matrix: Water  
Sample ID: FRYZEL.R.SEP09.MIDDLE Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/25/09 16:07	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/25/09 16:07	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	121		%	62-133	SW846 8260B		9/25/09 16:07	MES	A
4-Bromofluorobenzene (S)	79.9		%	79-114	SW846 8260B		9/25/09 16:07	MES	A
Dibromofluoromethane (S)	108		%	78-116	SW846 8260B		9/25/09 16:07	MES	A
Toluene-d8 (S)	93.2		%	76-127	SW846 8260B		9/25/09 16:07	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9809149 27058.04

Lab ID: 9809149018

Date Collected: 9/14/2009 16:15

Matrix: Drinking Water

Sample ID: FRYZEL.R.SEP09.TREATED

Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/24/09 13:57	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	101		%	70-130	EPA 524.2		9/24/09 13:57	MES	A
4-Bromofluorobenzene (S)	94.6		%	70-130	EPA 524.2		9/24/09 13:57	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149007 Date Collected: 9/14/2009 08:10 Matrix: Water  
Sample ID: JARROW.A.SEP09.RAW Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Methyl t-Butyl Ether	14.2		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 17:55	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 17:55	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		9/24/09 17:55	MES	A
4-Bromofluorobenzene (S)	99.5		%	79-114	SW846 8260B		9/24/09 17:55	MES	A
Dibromofluoromethane (S)	91		%	78-116	SW846 8260B		9/24/09 17:55	MES	A
Toluene-d8 (S)	108		%	76-127	SW846 8260B		9/24/09 17:55	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149008 Date Collected: 9/14/2009 08:07 Matrix: Water  
 Sample ID: JARROW.A.SEP09.MIDDLE Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 17:22	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 17:22	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62-133	SW846 8260B		9/24/09 17:22	MES	A
4-Bromofluorobenzene (S)	99.8		%	79-114	SW846 8260B		9/24/09 17:22	MES	A
Dibromofluoromethane (S)	88.8		%	78-116	SW846 8260B		9/24/09 17:22	MES	A
Toluene-d8 (S)	109		%	76-127	SW846 8260B		9/24/09 17:22	MES	A

**Sample Comments:**

*Anna Milliken*  
 Anna G Milliken  
 Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149009 Date Collected: 9/14/2009 08:05 Matrix: Drinking Water  
Sample ID: JARROW.A.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 18:21	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	88.5		%	70-130	EPA 524.2		9/23/09 18:21	TMP	A
4-Bromofluorobenzene (S)	77.5		%	70-130	EPA 524.2		9/23/09 18:21	TMP	A

Sample Comments:

Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149013

Date Collected: 9/14/2009 09:10

Matrix: Water

Sample ID: KOWALSKI.W.SEP09.RAW

Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Methyl t-Butyl Ether	4.1		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 12:58	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 12:58	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	131		%	62-133	SW846 8260B		9/24/09 12:58	MES	A
4-Bromofluorobenzene (S)	92.3		%	79-114	SW846 8260B		9/24/09 12:58	MES	A
Dibromofluoromethane (S)	115		%	78-116	SW846 8260B		9/24/09 12:58	MES	A
Toluene-d8 (S)	109		%	76-127	SW846 8260B		9/24/09 12:58	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149014

Date Collected: 9/14/2009 09:07

Matrix: Water

Sample ID: KOWALSKI.W.SEP09.MIDDLE

Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 13:32	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 13:32	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	134	4	%	62-133	SW846 8260B		9/24/09 13:32	MES	A
4-Bromofluorobenzene (S)	92.1		%	79-114	SW846 8260B		9/24/09 13:32	MES	A
Dibromofluoromethane (S)	114		%	78-116	SW846 8260B		9/24/09 13:32	MES	A
Toluene-d8 (S)	106		%	76-127	SW846 8260B		9/24/09 13:32	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9809149 27058.04

Lab ID: 9809149015 Date Collected: 9/14/2009 09:05 Matrix: Drinking Water  
Sample ID: KOWALSKI.W.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 19:09	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	90.4		%	70-130	EPA 524.2		9/23/09 19:09	TMP	A
4-Bromofluorobenzene (S)	78.6		%	70-130	EPA 524.2		9/23/09 19:09	TMP	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149004 Date Collected: 9/14/2009 07:40 Matrix: Water  
Sample ID: LEWISHOME.SEP09.RAW Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 16:49	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 16:49	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62-133	SW846 8260B		9/24/09 16:49	MES	A
4-Bromofluorobenzene (S)	98.9		%	79-114	SW846 8260B		9/24/09 16:49	MES	A
Dibromofluoromethane (S)	88.9		%	78-116	SW846 8260B		9/24/09 16:49	MES	A
Toluene-d8 (S)	107		%	76-127	SW846 8260B		9/24/09 16:49	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149005 Date Collected: 9/14/2009 07:37 Matrix: Water  
Sample ID: LEWISHOME.SEP09.MIDDLE Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 03:57	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 03:57	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91.7		%	62-133	SW846 8260B		9/24/09 03:57	DD	A
4-Bromofluorobenzene (S)	101		%	79-114	SW846 8260B		9/24/09 03:57	DD	A
Dibromofluoromethane (S)	85.7		%	78-116	SW846 8260B		9/24/09 03:57	DD	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		9/24/09 03:57	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9809149 27058.04

Lab ID: 9809149006 Date Collected: 9/14/2009 07:35 Matrix: Drinking Water  
Sample ID: LEWISHOME.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 17:58	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	94.9		%	70-130	EPA 524.2		9/23/09 17:58	TMP	A
4-Bromofluorobenzene (S)	77.2		%	70-130	EPA 524.2		9/23/09 17:58	TMP	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149019 Date Collected: 9/16/2009 09:20 Matrix: Water  
Sample ID: TRIP BLANK-KC-9-14-09 Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/27/09 19:14	ECR	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/27/09 19:14	ECR	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	81.9		%	62-133	SW846 8260B		9/27/09 19:14	ECR	A
4-Bromofluorobenzene (S)	94.3		%	79-114	SW846 8260B		9/27/09 19:14	ECR	A
Dibromofluoromethane (S)	84.5		%	78-116	SW846 8260B		9/27/09 19:14	ECR	A
Toluene-d8 (S)	86.6		%	76-127	SW846 8260B		9/27/09 19:14	ECR	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



## ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9809149 27058.04

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### PARAMETER QUALIFIERS\FLAGS

- [1] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Ethylbenzene. The % Recovery was reported as 127 and the control limits were 80 to 124.
- [2] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Toluene. The % Recovery was reported as 127 and the control limits were 80 to 125.
- [3] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte 1,2,4-Trimethylbenzene. The % Recovery was reported as 129 and the control limits were 76 to 125.
- [4] The surrogate 1,2-Dichloroethane-d4 for method SW846 8260B was outside of control limits. The % Recovery was reported as 134 and the control limits were 62 to 133. This result was reported at a dilution of 1.









# ANALYTICAL LABORATORY SERVICES, INC.

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 PA 22-293 NJ PA010



34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

Page 3 of 3

Counter: **FEDEx**

Tracking #: **863695314936**

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
 Environmental • Industrial Hygiene • Field Services

34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS INC**

Contact (Reporting): **MARTIN GILGALLON**

Address: **324 MAIN STREET PECKVILLE PA 18452**

Phone: **570-487-1959**

Bill To (different than Report To):

PO#:

Project Name/ID: **27088.04**

ALSI Quote #:

TAT:  Normal Standard TAT is 14-17 business days.

Fast?  Rush-Subject to ALSI approval and surcharges.

Email?  **PATECTONICS@HOTMAIL.COM**

Fac?  N. No.

Sample Description/Location	COC Comments	Sample Date	Milney Time
1 Kowalski, W. SEP09, RAW		9/14/09	0910
2 Kowalski, W. SEP09, MIDDLE		9/14/09	0907
3 Kowalski, W. SEP09, TREATED		9/14/09	0905
4 FRYZEL, R. SEP09, RAW		9/14/09	1020
5 FRYZEL, R. SEP09, MIDDLE		9/14/09	1017
6 FRYZEL, R. SEP09, TREATED		9/14/09	1015
7 TRIP BANK - KC-9-14-09		N/A	N/A
8			

ANALYSIS METHOD REQUESTED

Enter Number of Containers Per Analyst

Container Type	Container Size	Material	Enter Number of Containers Per Analyst
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 5412	2
CG	CG	PENNSYLVANIA UNDERB	2
CG	CG	NEW LIST, EPA 8260	2
CG	CG	PENNSYLVANIA UNDER	



## Certificate of Analysis

Project Name: **27058**

Workorder: **9809149**

Purchase Order:

Workorder ID: **27058.04**

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

September 30, 2009

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Wednesday, September 16, 2009

ALSI is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**SAMPLE SUMMARY**

Workorder: 9809149 27058.04

Discard Date: 10/14/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9809149001	BRIGHT.B.SEP09.RAW	Water	9/14/09 07:10	9/16/09 09:20	Customer
9809149002	BRIGHT.B.SEP09.MIDDLE	Water	9/14/09 07:07	9/16/09 09:20	Customer
9809149003	BRIGHT.B.SEP09.TREATED	Drinking Water	9/14/09 07:05	9/16/09 09:20	Customer
9809149004	LEWISHOME.SEP09.RAW	Water	9/14/09 07:40	9/16/09 09:20	Customer
9809149005	LEWISHOME.SEP09.MIDDLE	Water	9/14/09 07:37	9/16/09 09:20	Customer
9809149006	LEWISHOME.SEP09.TREATED	Drinking Water	9/14/09 07:35	9/16/09 09:20	Customer
9809149007	JARROW.A.SEP09.RAW	Water	9/14/09 08:10	9/16/09 09:20	Customer
9809149008	JARROW.A.SEP09.MIDDLE	Water	9/14/09 08:07	9/16/09 09:20	Customer
9809149009	JARROW.A.SEP09.TREATED	Drinking Water	9/14/09 08:05	9/16/09 09:20	Customer
9809149010	CROSSLEY.B.SEP09.RAW	Water	9/14/09 08:40	9/16/09 09:20	Customer
9809149011	CROSSLEY.B.SEP09.MIDDLE	Water	9/14/09 08:37	9/16/09 09:20	Customer
9809149012	CROSSLEY.B.SEP09.TREATED	Drinking Water	9/14/09 08:35	9/16/09 09:20	Customer
9809149013	KOWALSKI.W.SEP09.RAW	Water	9/14/09 09:10	9/16/09 09:20	Customer
9809149014	KOWALSKI.W.SEP09.MIDDLE	Water	9/14/09 09:07	9/16/09 09:20	Customer
9809149015	KOWALSKI.W.SEP09.TREATED	Drinking Water	9/14/09 09:05	9/16/09 09:20	Customer
9809149016	FRYZEL.R.SEP09.RAW	Water	9/14/09 16:20	9/16/09 09:20	Customer
9809149017	FRYZEL.R.SEP09.MIDDLE	Water	9/14/09 16:17	9/16/09 09:20	Customer
9809149018	FRYZEL.R.SEP09.TREATED	Drinking Water	9/14/09 16:15	9/16/09 09:20	Customer
9809149019	TRIP BLANK-KC-9-14-09	Water	9/16/09 09:20	9/16/09 09:20	Customer

**Workorder Comments:**



**SAMPLE SUMMARY**

Workorder: 9809149 27058.04

Discard Date: 10/14/2009

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
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**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149001  
Sample ID: BRIGHT.B.SEP09.RAW

Date Collected: 9/14/2009 07:10  
Date Received: 9/16/2009 09:20

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Ethylbenzene	ND	1	ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 00:37	DD	A
Toluene	ND	2	ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 00:37	DD	A
1,2,4-Trimethylbenzene	ND	3	ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 00:37	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62-133	SW846 8260B		9/24/09 00:37	DD	A
4-Bromofluorobenzene (S)	95.2		%	79-114	SW846 8260B		9/24/09 00:37	DD	A
Dibromofluoromethane (S)	87.8		%	78-116	SW846 8260B		9/24/09 00:37	DD	A
Toluene-d8 (S)	105		%	76-127	SW846 8260B		9/24/09 00:37	DD	A

**Sample Comments:**

This report was modified to correct the sample designation per the COC. TMH 9/30/09

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149002 Date Collected: 9/14/2009 07:07 Matrix: Water  
Sample ID: BRIGHT.B.SEP09.MIDDLE Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 03:23	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 03:23	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:23	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.9		%	62-133	SW846 8260B		9/24/09 03:23	DD	A
4-Bromofluorobenzene (S)	96.1		%	79-114	SW846 8260B		9/24/09 03:23	DD	A
Dibromofluoromethane (S)	81.2		%	78-116	SW846 8260B		9/24/09 03:23	DD	A
Toluene-d8 (S)	106		%	76-127	SW846 8260B		9/24/09 03:23	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149003 Date Collected: 9/14/2009 07:05 Matrix: Drinking Water  
Sample ID: BRIGHT.B.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 17:35	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:35	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	89.3		%	70-130	EPA 524.2		9/23/09 17:35	TMP	A
4-Bromofluorobenzene (S)	76.5		%	70-130	EPA 524.2		9/23/09 17:35	TMP	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149004  
Sample ID: LEWISHOME.SEP09.RAW

Date Collected: 9/14/2009 07:40  
Date Received: 9/16/2009 09:20

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 16:49	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 16:49	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 16:49	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	102		%	62-133	SW846 8260B		9/24/09 16:49	MES	A
4-Bromofluorobenzene (S)	98.9		%	79-114	SW846 8260B		9/24/09 16:49	MES	A
Dibromofluoromethane (S)	88.9		%	78-116	SW846 8260B		9/24/09 16:49	MES	A
Toluene-d8 (S)	107		%	76-127	SW846 8260B		9/24/09 16:49	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149005 Date Collected: 9/14/2009 07:37 Matrix: Water  
Sample ID: LEWISHOME.SEP09.MIDDLE Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 03:57	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 03:57	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 03:57	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91.7		%	62-133	SW846 8260B		9/24/09 03:57	DD	A
4-Bromofluorobenzene (S)	101		%	79-114	SW846 8260B		9/24/09 03:57	DD	A
Dibromofluoromethane (S)	85.7		%	78-116	SW846 8260B		9/24/09 03:57	DD	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		9/24/09 03:57	DD	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149006 Date Collected: 9/14/2009 07:35 Matrix: Drinking Water  
Sample ID: LEWISHOME.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 17:58	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 17:58	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	94.9		%	70-130	EPA 524.2		9/23/09 17:58	TMP	A
4-Bromofluorobenzene (S)	77.2		%	70-130	EPA 524.2		9/23/09 17:58	TMP	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149007  
Sample ID: JARROW.A.SEP09.RAW

Date Collected: 9/14/2009 08:10  
Date Received: 9/16/2009 09:20

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Methyl t-Butyl Ether	14.2		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 17:55	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 17:55	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:55	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		9/24/09 17:55	MES	A
4-Bromofluorobenzene (S)	99.5		%	79-114	SW846 8260B		9/24/09 17:55	MES	A
Dibromofluoromethane (S)	91		%	78-116	SW846 8260B		9/24/09 17:55	MES	A
Toluene-d8 (S)	108		%	76-127	SW846 8260B		9/24/09 17:55	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149008 Date Collected: 9/14/2009 08:07 Matrix: Water  
Sample ID: JARROW.A.SEP09.MIDDLE Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 17:22	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 17:22	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 17:22	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	104		%	62-133	SW846 8260B		9/24/09 17:22	MES	A
4-Bromofluorobenzene (S)	99.8		%	79-114	SW846 8260B		9/24/09 17:22	MES	A
Dibromofluoromethane (S)	88.8		%	78-116	SW846 8260B		9/24/09 17:22	MES	A
Toluene-d8 (S)	109		%	76-127	SW846 8260B		9/24/09 17:22	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149009 Date Collected: 9/14/2009 08:05 Matrix: Drinking Water  
Sample ID: JARROW.A.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 18:21	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:21	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	88.5		%	70-130	EPA 524.2		9/23/09 18:21	TMP	A
4-Bromofluorobenzene (S)	77.5		%	70-130	EPA 524.2		9/23/09 18:21	TMP	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149010  
Sample ID: CROSSLEY.B.SEP09.RAW

Date Collected: 9/14/2009 08:40  
Date Received: 9/16/2009 09:20

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	3.9		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Ethylbenzene	4.0		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Methyl t-Butyl Ether	7.1		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 12:22	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 12:22	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:22	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	124		%	62-133	SW846 8260B		9/24/09 12:22	MES	A
4-Bromofluorobenzene (S)	95.4		%	79-114	SW846 8260B		9/24/09 12:22	MES	A
Dibromofluoromethane (S)	108		%	78-116	SW846 8260B		9/24/09 12:22	MES	A
Toluene-d8 (S)	108		%	76-127	SW846 8260B		9/24/09 12:22	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149011 Date Collected: 9/14/2009 08:37 Matrix: Water  
Sample ID: CROSSLEY.B.SEP09.MIDDLE Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 18:28	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 18:28	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 18:28	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	101		%	62-133	SW846 8260B		9/24/09 18:28	MES	A
4-Bromofluorobenzene (S)	99.9		%	79-114	SW846 8260B		9/24/09 18:28	MES	A
Dibromofluoromethane (S)	89.6		%	78-116	SW846 8260B		9/24/09 18:28	MES	A
Toluene-d8 (S)	109		%	76-127	SW846 8260B		9/24/09 18:28	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149012 Date Collected: 9/14/2009 08:35 Matrix: Drinking Water  
Sample ID: CROSSLEY.B.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 18:45	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 18:45	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	89.1		%	70-130	EPA 524.2		9/23/09 18:45	TMP	A
4-Bromofluorobenzene (S)	79.5		%	70-130	EPA 524.2		9/23/09 18:45	TMP	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149013 Date Collected: 9/14/2009 09:10 Matrix: Water  
Sample ID: KOWALSKI.W.SEP09.RAW Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Methyl t-Butyl Ether	4.1		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 12:58	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 12:58	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 12:58	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	131		%	62-133	SW846 8260B		9/24/09 12:58	MES	A
4-Bromofluorobenzene (S)	92.3		%	79-114	SW846 8260B		9/24/09 12:58	MES	A
Dibromofluoromethane (S)	115		%	78-116	SW846 8260B		9/24/09 12:58	MES	A
Toluene-d8 (S)	109		%	76-127	SW846 8260B		9/24/09 12:58	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149014 Date Collected: 9/14/2009 09:07 Matrix: Water  
Sample ID: KOWALSKI.W.SEP09.MIDDLE Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/24/09 13:32	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/24/09 13:32	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/24/09 13:32	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	134	4	%	62-133	SW846 8260B		9/24/09 13:32	MES	A
4-Bromofluorobenzene (S)	92.1		%	79-114	SW846 8260B		9/24/09 13:32	MES	A
Dibromofluoromethane (S)	114		%	78-116	SW846 8260B		9/24/09 13:32	MES	A
Toluene-d8 (S)	106		%	76-127	SW846 8260B		9/24/09 13:32	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149015 Date Collected: 9/14/2009 09:05 Matrix: Drinking Water  
Sample ID: KOWALSKI.W.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/23/09 19:09	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/23/09 19:09	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	90.4		%	70-130	EPA 524.2		9/23/09 19:09	TMP	A
4-Bromofluorobenzene (S)	78.6		%	70-130	EPA 524.2		9/23/09 19:09	TMP	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149016  
Sample ID: FRYZEL.R.SEP09.RAW

Date Collected: 9/14/2009 16:20  
Date Received: 9/16/2009 09:20

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/28/09 19:52	TMP	B
Toluene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/28/09 19:52	TMP	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/28/09 19:52	TMP	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	106		%	62-133	SW846 8260B		9/28/09 19:52	TMP	B
4-Bromofluorobenzene (S)	94.8		%	79-114	SW846 8260B		9/28/09 19:52	TMP	B
Dibromofluoromethane (S)	101		%	78-116	SW846 8260B		9/28/09 19:52	TMP	B
Toluene-d8 (S)	107		%	76-127	SW846 8260B		9/28/09 19:52	TMP	B

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149017  
Sample ID: FRYZEL.R.SEP09.MIDDLE

Date Collected: 9/14/2009 16:17  
Date Received: 9/16/2009 09:20

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/25/09 16:07	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/25/09 16:07	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/25/09 16:07	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	121		%	62-133	SW846 8260B		9/25/09 16:07	MES	A
4-Bromofluorobenzene (S)	79.9		%	79-114	SW846 8260B		9/25/09 16:07	MES	A
Dibromofluoromethane (S)	108		%	78-116	SW846 8260B		9/25/09 16:07	MES	A
Toluene-d8 (S)	93.2		%	76-127	SW846 8260B		9/25/09 16:07	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149018 Date Collected: 9/14/2009 16:15 Matrix: Drinking Water  
Sample ID: FRYZEL.R.SEP09.TREATED Date Received: 9/16/2009 09:20

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		9/24/09 13:57	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		9/24/09 13:57	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	101		%	70-130	EPA 524.2		9/24/09 13:57	MES	A
4-Bromofluorobenzene (S)	94.6		%	70-130	EPA 524.2		9/24/09 13:57	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9809149 27058.04

Lab ID: 9809149019  
Sample ID: TRIP BLANK-KC-9-14-09

Date Collected: 9/16/2009 09:20  
Date Received: 9/16/2009 09:20

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		9/27/09 19:14	ECR	A
Toluene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		9/27/09 19:14	ECR	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		9/27/09 19:14	ECR	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	81.9		%	62-133	SW846 8260B		9/27/09 19:14	ECR	A
4-Bromofluorobenzene (S)	94.3		%	79-114	SW846 8260B		9/27/09 19:14	ECR	A
Dibromofluoromethane (S)	84.5		%	78-116	SW846 8260B		9/27/09 19:14	ECR	A
Toluene-d8 (S)	86.6		%	76-127	SW846 8260B		9/27/09 19:14	ECR	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS QUALIFIERS\FLAGS**

Workorder: 9809149 27058.04

---

**PARAMETER QUALIFIERS\FLAGS**

- [1] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Ethylbenzene. The % Recovery was reported as 127 and the control limits were 80 to 124.
- [2] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Toluene. The % Recovery was reported as 127 and the control limits were 80 to 125.
- [3] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte 1,2,4-Trimethylbenzene. The % Recovery was reported as 129 and the control limits were 76 to 125.
- [4] The surrogate 1,2-Dichloroethane-d4 for method SW846 8260B was outside of control limits. The % Recovery was reported as 134 and the control limits were 62 to 133. This result was reported at a dilution of 1.



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Courier: FIDIX

Tracking #: 863085711436

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER (INSTRUCTIONS ON THE BACK)

### Analytical Laboratory Services, Inc.

Environmental • Industrial Hygiene • Field Services

34 Dogwood Lane - Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: PENNSYLVANIA TECHNOLOGICS, INC.

Contact (Report to): MARTIN GILGALLON

Address: 826 MAIN STREET

PECKVILLE PA 18452

Phone: 570-487-1959

### ANALYSES/METHOD REQUESTED

Container Type	Container Size	Preservative
CG	CG	HCL
400ml	400ml	HCL

Matrix	Enter Number of Containers Per Analysis
PENNSYLVANIA UNLEADED	2
NEW LIST, EPA 504.9	2
PENNSYLVANIA UNLEADED	2
NEW LIST, EPA 8AL0	2
PENNSYLVANIA UNLEADED	2
NEW LIST, EPA 504.9	2
PENNSYLVANIA UNLEADED	2
NEW LIST, EPA 8AL0	2

Matrix	Sample Date	Sample Time	COC Comments
1	9/14/09	0710	G DW
2	9/14/09	0707	G DW
3	9/14/09	0705	G DW
4	9/14/09	0716	G DW
5	9/14/09	0717	G DW
6	9/14/09	0735	G DW
7			
8			

Receipt information  
Issued to: ADD  
By: ADD  
Cooler Temp: 5  
Therm. ID: 51028359  
No. of Coolers:  
Notes:

Correct containers?	Y	N
Correct sample volume?	Y	N
Received on ice?	Y	N
COC Labels complete/accurate?	Y	N
Container in good condition?	Y	N

Correct containers?	Y	N
Correct sample volume?	Y	N
Received on ice?	Y	N
COC Labels complete/accurate?	Y	N
Container in good condition?	Y	N

ALS FIELD SERVICES

Pickup

Labor

Composite Sampling

Special Equipment

Other

Data Deliverables

Standard

CLP-like

NLP-Reduced

NLP-Full

Other

SAI Form No.

Sub Sample Collected by

EDS

POC Criteria Required?

LOGGED BY (Signature): [Signature]

REVIEWED BY (Signature): [Signature]

Date	Time	Received By / Company Name	Date	Time
9.15.09	0900	26026 86308571436	9.15.09	0900

SAMPLED BY (Please Print): K. GOWA

Relinquished By / Company Name: [Signature]

\* Grab, Co-composite  
\*\* Matrix: AL-AL: DW-Drinking Water; GW-Groundwater; DW-DC: Ductile Pipe; S-L: Solid; S-O: Soil; WP-Water; WW-Wastewater  
\*\*\* Container Type: AG-Ambor Glass; CG-Clear Glass; PL-Plastic; Container Size: 25ml, 50ml, 1L, 5L, etc. Preservative: HCL, HNO3, NaOH, etc.



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 0809149

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
 Environmental • Industrial Hygiene • Field Services  
 34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS INC**  
 Contact Person: **MARTIN GILGALLON**  
 Address: **826 MAIN STREET PECKVILLE PA 18452**  
 Phone: **570-487-1959**

Bill to (if different than Report):  
 Project Name/ID:  
 ALSI Quote #:  
 Date Required:  
 Approved By:

Normal Standard TAT is 10-12 business days.  
 Rush-Subject to ALSI approval and surcharges.  
 Email?  Y  N  
 Fax?  Y  N  
 PATECTONICS@HOTMAIL.COM

Receipt Information (Completed by Client/Sampler)  
 Name: AGL  
 Title: AGL  
 Cooler Temp: 50  
 Therm. ID: SIC02659  
 No. of Coolers:  
 Notes:

Correct containers?	Y	Correct sample volume?	N	Correct preservation?	N	Headspace/voids?	Y	Container in good condition?	N
---------------------	---	------------------------	---	-----------------------	---	------------------	---	------------------------------	---

Correct containers?	Y	(if present) Seals Intact?	Y	Received on ice?	N	COC Labels complete/correct?	N	Container in good condition?	N
---------------------	---	----------------------------	---	------------------	---	------------------------------	---	------------------------------	---

ALSIS FIELD SERVICES	Prep	Labr	Composite Sampling	Initial Equipment	Other
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Enter Number of Containers Per Analysis	Matrix	Sample Date	Sample Time	COC Comments
1	JARROW.A. SEP09. RAW	9.14.09	0810	G-DW Z
2	JARROW.A. SEP09. MIDDIC	9.14.09	0807	G-DW Z
3	JARROW.A. SEP09. TREATED	9.14.09	0805	G-DW Z
4	CROSSLEY.B. SEP09. RAW	9.14.09	0840	G-DW Z
5	CROSSLEY.B. SEP09. MIDDIC	9.14.09	0837	G-DW Z
6	CROSSLEY.B. SEP09. TREATED	9.14.09	0835	G-DW Z

LOGGED BY (Signature):	REVIEWED BY (Signature):	Date	Time	Received By / Company Name	Date	Time
<u>H. CURURA</u>		9.15.09	0900	2 FED 26	9.15.09	0900
				4	9.15.09	0900
				6		
				8		
				10		

ANALYSES/METHOD REQUESTED

Matrix: ALSI  
 Container Type: AO-Ambic Glass, CO-Clear Glass, P-Plastic  
 Container Size: 250ml, 500ml, 1L, 50L, etc.  
 Preservative: HCl, HNO3, NaOH, etc.

EDS  
 DOD Criteria Required?

DATA DELIVERABLES  
 Standard   
 CLP-File   
 NJ-Reduced   
 NJ-Full   
 If yes, format type: ALS 19148 0900

STAT  
 Form No.   
 Date   
 M   
 RT   
 PA

34 Dogwood Lane - Middletown, PA 17057  
 Phone: 717-944-5541  
 Fax: 717-944-1430

Report ID: 9809149

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Rev: 6/07



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Coveler: FDCK  
Tracking #: 863095714436  
9809199

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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Environmental • Microbiology/Hygiene • Fluid Services  
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Co. Name: PENNSYLVANIA TECTONICS INC  
Contact (Print): MARTIN GILGALLON Phone: 570-487-1959  
Address: 826 MAIN STREET  
PECKVILLE PA 18452

Bill to (if different than Report to):

PO#:

Project Name/#: 27058.04 ALSI Quote #:  
TAT:  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALSI approval and surcharges.  
Approved By:

Email?  Y No: PATECTONICS@HOTMAIL.COM

Sample Description/Location <small>(as it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time	Enter Number of Containers Per Analysis
1 Kowalski, W, SEPO9, RAW		9/14/09	0910	2
2 Kowalski, W, SEPO9, MIDDLE		9/14/09	0907	2
3 Kowalski, W, SEPO9, TREATED		9/14/09	0905	2
4 FRYZEL, R, SEPO9, RAW		9/14/09	1620	2
5 FRYZEL, R, SEPO9, MIDDLE		9/14/09	1617	2
6 FRYZEL, R, SEPO9, TREATED		9/14/09	1615	2
7 Trip Blank - KC-9-14-09		N/A	N/A - DF	2
8				

LOGGED BY (Please Print): K. CUCUBA  
REVIEWED BY (Signature): [Signature] Date: 9/16/09

Date	Time	Received By / Company Name	Date	Time
9.15.09	0900	FDCK, 863095714436	9.15.09	0900
			9/16/09	0920

EDS: 10/16/09  
POD Criteria Required?

ANALYSE METHOD REQUESTED

Container Type: CG CG  
Container Size: 400L/40ML  
Preservation: HCL/HCL

Receipt Information

Received by: [Signature]  
Cooler Temp: 50  
Therm ID: 5102359  
No. of Containers: \_\_\_\_\_  
Notes: \_\_\_\_\_

Correct containers?  Y  N  
Correct sample volumes?  Y  N  
Correct preservation?  Y  N  
Headspace/Volatility?  Y  N  
Container in good condition?  Y  N

ALSII FIELD SERVICES

Pickup:  Labor:  Composite Sampling:  Special Equipment:  Other:

\*Gr/Grb, D=Composite  
\*\*Matrix: AB=Air; DW=Drinking Water; GW=Groundwater; DI=DI; OL=Other Liquid; SL=Sludge; SC=Soil; WP=Wipe; WW=Wastewater  
\*\*\*Container Type: AG=Amber Glass; CG=Clear Glass, P=Plastic. Container Size: 25ml, 50ml, 1L, 6oz, etc. Preservation: HCl, HNO3, NaOH, etc.  
Revised 8/07

POET System Sampling Analytical Data Sheets

March 2010



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## Certificate of Analysis

Project Name: 27058	Workorder: 9835771
Purchase Order:	Workorder ID: 27058

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

March 29, 2010

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, March 18, 2010

ALSI is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

Anna G Milliken  
Laboratory Manager



**SAMPLE SUMMARY**

Workorder: 9835771 27058

Discard Date: 04/12/2010

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9835771001	Beight.B.Mar10.Treated	Drinking Water	3/16/10 06:03	3/18/10 09:13	Customer
9835771002	Beight.B.Mar10.Middle	Water	3/16/10 06:07	3/18/10 09:13	Customer
9835771003	Beight.B.Mar10.Raw	Water	3/16/10 06:13	3/18/10 09:13	Customer
9835771004	Kowalski.W.Mar10.Treated	Drinking Water	3/16/10 07:05	3/18/10 09:13	Customer
9835771005	Kowalski.W.Mar10.Middle	Water	3/16/10 07:09	3/18/10 09:13	Customer
9835771006	Kowalski.W.Mar10.Raw	Water	3/16/10 07:13	3/18/10 09:13	Customer
9835771007	Jarrow.A.Mar10.Treated	Drinking Water	3/16/10 07:40	3/18/10 09:13	Customer
9835771008	Jarrow.A.Mar10.Middle	Water	3/16/10 07:45	3/18/10 09:13	Customer
9835771009	Jarrow.A.Mar10.Raw	Water	3/16/10 07:47	3/18/10 09:13	Customer
9835771010	Lewis Home.Mar10.Treated	Drinking Water	3/16/10 08:05	3/18/10 09:13	Customer
9835771011	Lewis Home.Mar10.Middle	Water	3/16/10 08:07	3/18/10 09:13	Customer
9835771012	Lewis Home.Mar10.Raw	Water	3/16/10 08:10	3/18/10 09:13	Customer
9835771013	Crossley.B.Mar10.Treated	Drinking Water	3/16/10 08:35	3/18/10 09:13	Customer
9835771014	Crossley.B.Mar10.Middle	Water	3/16/10 08:38	3/18/10 09:13	Customer
9835771015	Crossley.B.Mar10.Raw	Water	3/16/10 08:42	3/18/10 09:13	Customer
9835771016	Fryzel.R.Mar10.Treated	Drinking Water	3/16/10 16:05	3/18/10 09:13	Customer
9835771017	Fryzel.R.Mar10.Middle	Water	3/16/10 16:09	3/18/10 09:13	Customer
9835771018	Fryzel.R.Mar10.Raw	Water	3/16/10 16:12	3/18/10 09:13	Customer

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL.
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference





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**ANALYTICAL RESULTS**

Workorder: 9835771 27058

Lab ID: 9835771001

Date Collected: 3/16/2010 06:03

Matrix: Drinking Water

Sample ID: Beight.B.Mar10.Treated

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/23/10 01:41	DD	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 01:41	DD	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 01:41	DD	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/23/10 01:41	DD	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/23/10 01:41	DD	B
Toluene	ND		ug/L	0.50	EPA 524.2		3/23/10 01:41	DD	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/23/10 01:41	DD	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 01:41	DD	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 01:41	DD	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	59.6	1	%	70-130	EPA 524.2		3/23/10 01:41	DD	B
4-Bromofluorobenzene (S)	85.5		%	70-130	EPA 524.2		3/23/10 01:41	DD	B

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9835771 27058

Lab ID: 9835771002

Date Collected: 3/18/2010 06:07

Matrix: Water

Sample ID: Beight.B.Mar10.Middle

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/27/10 10:49	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/27/10 10:49	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/27/10 10:49	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/27/10 10:49	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/27/10 10:49	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/27/10 10:49	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/27/10 10:49	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/27/10 10:49	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/27/10 10:49	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	100		%	62-133	SW846 8260B		3/27/10 10:49	MES	A
4-Bromofluorobenzene (S)	95		%	79-114	SW846 8260B		3/27/10 10:49	MES	A
Dibromofluoromethane (S)	91.5		%	78-116	SW846 8260B		3/27/10 10:49	MES	A
Toluene-d8 (S)	99.5		%	76-127	SW846 8260B		3/27/10 10:49	MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9835771 27058

Lab ID: 9835771003

Date Collected: 3/16/2010 08:13

Matrix: Water

Sample ID: Beight.B.Mar10.Raw

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:04	DJB	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:04	DJB	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:04	DJB	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/28/10 17:04	DJB	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 17:04	DJB	B
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:04	DJB	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 17:04	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:04	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:04	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	109		%	62-133	SW846 8260B		3/28/10 17:04	DJB	B
4-Bromofluorobenzene (S)	95.9		%	79-114	SW846 8260B		3/28/10 17:04	DJB	B
Dibromofluoromethane (S)	104		%	78-116	SW846 8260B		3/28/10 17:04	DJB	B
Toluene-d8 (S)	110		%	76-127	SW846 8260B		3/28/10 17:04	DJB	B

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9835771 27058

Lab ID: 9835771013 Date Collected: 3/16/2010 08:35 Matrix: Drinking Water  
Sample ID: Crossley.B.Mar10.Treated Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:26	DD	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:26	DD	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:26	DD	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/23/10 03:26	DD	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:26	DD	B
Toluene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:26	DD	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/23/10 03:26	DD	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:26	DD	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:26	DD	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	65.5	5	%	70-130	EPA 524.2		3/23/10 03:26	DD	B
4-Bromofluorobenzene (S)	87.8		%	70-130	EPA 524.2		3/23/10 03:26	DD	B

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9835771 27058

Lab ID: 9835771014 Date Collected: 3/16/2010 08:38 Matrix: Water  
Sample ID: Crossley.B.Mar10.Middle Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:49	DJB	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:49	DJB	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:49	DJB	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/28/10 19:49	DJB	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 19:49	DJB	B
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:49	DJB	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 19:49	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:49	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:49	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	115		%	62-133	SW846 8260B		3/28/10 19:49	DJB	B
4-Bromofluorobenzene (S)	95.1		%	79-114	SW846 8260B		3/28/10 19:49	DJB	B
Dibromofluoromethane (S)	109		%	78-116	SW846 8260B		3/28/10 19:49	DJB	B
Toluene-d8 (S)	111		%	76-127	SW846 8260B		3/28/10 19:49	DJB	B

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



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ANALYTICAL RESULTS

Workorder: 9835771 27058

Lab ID: 9835771015 Date Collected: 3/16/2010 08:42 Matrix: Water  
Sample ID: Crossley.B.Mar10.Raw Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr	
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:35	DJB B	
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:35	DJB B	
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:35	DJB B	
Methyl t-Butyl Ether	13.6		ug/L	1.0	SW846 8260B		3/28/10 16:35	DJB B	
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 16:35	DJB B	
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:35	DJB B	
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 16:35	DJB B	
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:35	DJB B	
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:35	DJB B	
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>	
1,2-Dichloroethane-d4 (S)	78.7		%	62-133	SW846 8260B		3/28/10 16:35	DJB B	
4-Bromofluorobenzene (S)	90		%	79-114	SW846 8260B		3/28/10 16:35	DJB B	
Dibromofluoromethane (S)	79		%	78-116	SW846 8260B		3/28/10 16:35	DJB B	
Toluene-d8 (S)	76.8		%	76-127	SW846 8260B		3/28/10 16:35	DJB B	

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9835771 27058

Lab ID: 9835771016 Date Collected: 3/16/2010 16:05 Matrix: Drinking Water  
Sample ID: FryzeI.R.Mar10.Treated Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:52	DD	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:52	DD	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:52	DD	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/23/10 03:52	DD	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:52	DD	B
Toluene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:52	DD	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/23/10 03:52	DD	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:52	DD	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 03:52	DD	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	67.4	6	%	70-130	EPA 524.2		3/23/10 03:52	DD	B
4-Bromofluorobenzene (S)	85.4		%	70-130	EPA 524.2		3/23/10 03:52	DD	B

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9835771 27058

Lab ID: 9835771017

Date Collected: 3/16/2010 16:09

Matrix: Water

Sample ID: Fryzel.R.Mar10.Middle

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 22:02	DJB	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 22:02	DJB	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 22:02	DJB	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/28/10 22:02	DJB	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 22:02	DJB	B
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 22:02	DJB	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 22:02	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 22:02	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 22:02	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	118		%	62-133	SW846 8260B		3/28/10 22:02	DJB	B
4-Bromofluorobenzene (S)	91.8		%	79-114	SW846 8260B		3/28/10 22:02	DJB	B
Dibromofluoromethane (S)	109		%	78-116	SW846 8260B		3/28/10 22:02	DJB	B
Toluene-d8 (S)	116		%	76-127	SW846 8260B		3/28/10 22:02	DJB	B

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9835771 27058

Lab ID: 9835771018

Date Collected: 3/16/2010 16:12

Matrix: Water

Sample ID: Fryzel.R.Mar10.Raw

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 21:28	DJB	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 21:28	DJB	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 21:28	DJB	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/28/10 21:28	DJB	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 21:28	DJB	B
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 21:28	DJB	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 21:28	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 21:28	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 21:28	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	117		%	62-133	SW846 8260B		3/28/10 21:28	DJB	B
4-Bromofluorobenzene (S)	98		%	79-114	SW846 8260B		3/28/10 21:28	DJB	B
Dibromofluoromethane (S)	108		%	78-116	SW846 8260B		3/28/10 21:28	DJB	B
Toluene-d8 (S)	111		%	76-127	SW846 8260B		3/28/10 21:28	DJB	B

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9835771 27058

Lab ID: 9835771007 Date Collected: 3/18/2010 07:40 Matrix: Drinking Water  
Sample ID: Jarrow.A.Mar10.Treated Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:33	DD	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:33	DD	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:33	DD	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/23/10 02:33	DD	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:33	DD	B
Toluene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:33	DD	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/23/10 02:33	DD	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:33	DD	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:33	DD	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	63.9	3	%	70-130	EPA 524.2		3/23/10 02:33	DD	B
4-Bromofluorobenzene (S)	81.7		%	70-130	EPA 524.2		3/23/10 02:33	DD	B

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



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ANALYTICAL RESULTS

Workorder: 9835771 27058

Lab ID: 9835771008

Date Collected: 3/16/2010 07:45

Matrix: Water

Sample ID: Jarow.A.Mar10.Middle

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:16	DJB	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:16	DJB	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:16	DJB	B
Methyl t-Butyl Ether	8.6		ug/L	1.0	SW846 8260B		3/28/10 19:16	DJB	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 19:16	DJB	B
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:16	DJB	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 19:16	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:16	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 19:16	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	117		%	62-133	SW846 8260B		3/28/10 19:16	DJB	B
4-Bromofluorobenzene (S)	94.7		%	79-114	SW846 8260B		3/28/10 19:16	DJB	B
Dibromofluoromethane (S)	106		%	78-116	SW846 8260B		3/28/10 19:16	DJB	B
Toluene-d8 (S)	112		%	76-127	SW846 8260B		3/28/10 19:16	DJB	B

Sample Comments:

Anna G Milliken  
Laboratory Manager



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ANALYTICAL RESULTS

Workorder: 9835771 27058

Lab ID: 9835771009

Date Collected: 3/18/2010 07:47

Matrix: Water

Sample ID: Jarrow.A.Mar10.Raw

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	3.0		ug/L	1.0	SW846 8260B		3/28/10 18:10	DJB	B
Ethylbenzene	1.4		ug/L	1.0	SW846 8260B		3/28/10 18:10	DJB	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:10	DJB	B
Methyl t-Butyl Ether	23.9		ug/L	1.0	SW846 8260B		3/28/10 18:10	DJB	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 18:10	DJB	B
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:10	DJB	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 18:10	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:10	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:10	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	111		%	62-133	SW846 8260B		3/28/10 18:10	DJB	B
4-Bromofluorobenzene (S)	94.1		%	79-114	SW846 8260B		3/28/10 18:10	DJB	B
Dibromofluoromethane (S)	104		%	78-116	SW846 8260B		3/28/10 18:10	DJB	B
Toluene-d8 (S)	112		%	76-127	SW846 8260B		3/28/10 18:10	DJB	B

Sample Comments:

*Anna G Milliken*  
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Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9835771 27058

Lab ID: 9835771004

Date Collected: 3/16/2010 07:05

Matrix: Drinking Water

Sample ID: Kowalski.W.Mar10.Treated

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:07	DD	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:07	DD	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:07	DD	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/23/10 02:07	DD	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:07	DD	B
Toluene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:07	DD	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/23/10 02:07	DD	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:07	DD	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:07	DD	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	59.3	2	%	70-130	EPA 524.2		3/23/10 02:07	DD	B
4-Bromofluorobenzene (S)	83.6		%	70-130	EPA 524.2		3/23/10 02:07	DD	B

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9835771 27058

Lab ID: 9835771005 Date Collected: 3/16/2010 07:09 Matrix: Water  
Sample ID: Kowalski.W.Mar10.Middle Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 15:58	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 15:58	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 15:58	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/28/10 15:58	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 15:58	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 15:58	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 15:58	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 15:58	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 15:58	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	103		%	62-133	SW846 8260B		3/28/10 15:58	DJB	A
4-Bromofluorobenzene (S)	93.9		%	79-114	SW846 8260B		3/28/10 15:58	DJB	A
Dibromofluoromethane (S)	108		%	78-116	SW846 8260B		3/28/10 15:58	DJB	A
Toluene-d8 (S)	111		%	76-127	SW846 8260B		3/28/10 15:58	DJB	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9835771 27058

Lab ID: 9835771006

Date Collected: 3/16/2010 07:13

Matrix: Water

Sample ID: Kowalski.W.Mar10.Raw

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:43	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:43	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:43	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/28/10 18:43	DJB	A
Naphthalena	ND		ug/L	2.0	SW846 8260B		3/28/10 18:43	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:43	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 18:43	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:43	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 18:43	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	116		%	62-133	SW846 8260B		3/28/10 18:43	DJB	A
4-Bromofluorobenzene (S)	94		%	79-114	SW846 8260B		3/28/10 18:43	DJB	A
Dibromofluoromethane (S)	106		%	78-116	SW846 8260B		3/28/10 18:43	DJB	A
Toluene-d8 (S)	114		%	76-127	SW846 8260B		3/28/10 18:43	DJB	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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ANALYTICAL RESULTS

Workorder: 9835771 27058

Lab ID: 9835771010

Date Collected: 3/16/2010 08:05

Matrix: Drinking Water

Sample ID: Lewis Home.Mar10.Treated

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:59	DD	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:59	DD	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:59	DD	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		3/23/10 02:59	DD	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:59	DD	B
Toluene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:59	DD	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		3/23/10 02:59	DD	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:59	DD	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		3/23/10 02:59	DD	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	60	4	%	70-130	EPA 524.2		3/23/10 02:59	DD	B
4-Bromofluorobenzene (S)	87.8		%	70-130	EPA 524.2		3/23/10 02:59	DD	B

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





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ANALYTICAL RESULTS

Workorder: 9835771 27058

Lab ID: 9835771011

Date Collected: 3/16/2010 08:07

Matrix: Water

Sample ID: Lewis Home.Mar10.Middle

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:30	DJB	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:30	DJB	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:30	DJB	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/28/10 16:30	DJB	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 16:30	DJB	B
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:30	DJB	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 16:30	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:30	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 16:30	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	110		%	62-133	SW846 8260B		3/28/10 16:30	DJB	B
4-Bromofluorobenzene (S)	94.2		%	79-114	SW846 8260B		3/28/10 16:30	DJB	B
Dibromofluoromethane (S)	105		%	78-116	SW846 8260B		3/28/10 16:30	DJB	B
Toluene-d8 (S)	110		%	76-127	SW846 8260B		3/28/10 16:30	DJB	B

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9835771 27058

Lab ID: 9835771012

Date Collected: 3/16/2010 08:10

Matrix: Water

Sample ID: Lewis Home.Mar10.Raw

Date Received: 3/18/2010 09:13

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:36	DJB	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:36	DJB	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:36	DJB	B
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		3/28/10 17:36	DJB	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		3/28/10 17:36	DJB	B
Toluene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:36	DJB	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		3/28/10 17:36	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:36	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		3/28/10 17:36	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	113		%	62-133	SW846 8260B		3/28/10 17:36	DJB	B
4-Bromofluorobenzene (S)	92.1		%	79-114	SW846 8260B		3/28/10 17:36	DJB	B
Dibromofluoromethane (S)	106		%	78-116	SW846 8260B		3/28/10 17:36	DJB	B
Toluene-d8 (S)	112		%	76-127	SW846 8260B		3/28/10 17:36	DJB	B

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9835771 27058

PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate 1,2-Dichlorobenzene-d4 for method EPA 524.2 was outside of control limits. The % Recovery was reported as 59.6 and the control limits were 70 to 130. This result was reported at a dilution of 1.
- [2] The surrogate 1,2-Dichlorobenzene-d4 for method EPA 524.2 was outside of control limits. The % Recovery was reported as 59.3 and the control limits were 70 to 130. This result was reported at a dilution of 1.
- [3] The surrogate 1,2-Dichlorobenzene-d4 for method EPA 524.2 was outside of control limits. The % Recovery was reported as 63.9 and the control limits were 70 to 130. This result was reported at a dilution of 1.
- [4] The surrogate 1,2-Dichlorobenzene-d4 for method EPA 524.2 was outside of control limits. The % Recovery was reported as 60 and the control limits were 70 to 130. This result was reported at a dilution of 1.
- [5] The surrogate 1,2-Dichlorobenzene-d4 for method EPA 524.2 was outside of control limits. The % Recovery was reported as 65.5 and the control limits were 70 to 130. This result was reported at a dilution of 1.
- [6] The surrogate 1,2-Dichlorobenzene-d4 for method EPA 524.2 was outside of control limits. The % Recovery was reported as 67.4 and the control limits were 70 to 130. This result was reported at a dilution of 1.



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Page 1 of 3  
Container: FED EX  
Tracking #: 8704-1849-73

## CHAIN OF CUSTODY! REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • Tel: 717-944-5541 • Fax: 717-944-1430

Co. Name: PA TECHNOLOGIES, INC  
Contact person: MAURIN GALLAGHER  
Address: 826 MAIN STREET  
RECKVILLE PA 18452

Phone: 590-483-1459

Bill To (Customer Report):  
PO#: \_\_\_\_\_  
Project Name#: 27058  
ALSI Quote #: \_\_\_\_\_  
Date Required: \_\_\_\_\_  
Approved By: \_\_\_\_\_

TAT:  Normal Standard TAT is 10-12 business days.  
 Rush-Subject to ALSI approval and surcharges.  
Email?  Y  N  
Fax?  Y  N

Sample Description/Location (Use Serial Numbers on the Shipments)	COC Comments	Sample Date	Military Time
1 BRIGHT, B. MAR 10, RECKVILLE		3/16/10	0600
2 BRIGHT, B. MAR 10, RECKVILLE		3/16/10	0607
3 BRIGHT, B. MAR 10, RECKVILLE		3/16/10	0603
4 KOWALSKI, W. MAR 10, RECKVILLE		3/16/10	0705
5 KOWALSKI, W. MAR 10, RECKVILLE		3/16/10	0709
6 KOWALSKI, W. MAR 10, RECKVILLE		3/16/10	0713

SAMPLED BY (Please Print):	LOGGED BY (Signature):	RECEIVED BY (Signature):	Date	Time	Received By / Company Name	Date	Time
B. COURA	[Signature]	[Signature]	3/17/10	0720	[Signature]	3/18/10	1133

ANALYSES/METHOD REQUESTED

Container Type: 666  
Container Size: 100ml  
Preservative: HCl HCl

Container ID: 101555724

Container in good condition?  Y  N

COA labels completely accurate?  Y  N

Received on time?  Y  N

(If present) Scale intact?  Y  N

Custody seals Present?  Y  N

Correct sample volume?  Y  N

Correct preservation?  Y  N

Headspace Volume?  Y  N

Cratio appropriate Y or N:  Y  N

Notes: \_\_\_\_\_

No. of Coedies: \_\_\_\_\_

Therm. Up: 101555724

Cooler Temp: 72

Weight information: \_\_\_\_\_

Container ID: \_\_\_\_\_

Container Size: \_\_\_\_\_

Preservative: \_\_\_\_\_

### Enter Number of Containers Per Analysis

Container ID	Container Size	Preservative	Analysis
101555724	100ml	HCl	UNGRADED GASOLINE
101555724	100ml	HCl	UNGRADED GASOLINE

STANDARD DELIVERABLES

Standard:  CL-File  NA-Reduced  NA-Full

SWA:  Y  N

Form:  Y  N

Rate:  Y  N

Other:  Y  N

DOO Cycled Required?  Y  N

Container ID	Container Size	Preservative	Analysis
101555724	100ml	HCl	UNGRADED GASOLINE
101555724	100ml	HCl	UNGRADED GASOLINE



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Page 2 of 3  
 Counter: **FED EX**  
 Tracking #: **8704-1844-1310**  
**98055771**

## CHAIN OF CUSTODY REQUEST FOR ANALYSIS

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Co. Name: **PA TECTONICS, INC.**  
 Contact person: **RUSS GILGILLON**  
 Address: **8260 MAIN STREET, ROCKWILL PA 18452**  
 Phone: **570 487 4955**

Container Type: **CG**  
 Container Size: **40ml**  
 Preservation: **HCl**  
 ANALYSES/METHOD REQUESTED: **LEADED CRACK, UNLEADED CRACK, SDA 5242**

Project Name #: **Z7058**  
 TAT:  Normal Standard TAT is 10-15 business days.  
 Email: **PA.tectonics@earthlink.net**  
 Sample Date: **3/16/07**  
 Sample Time: **0740**  
 Military Time: **0740**

Sample Description/Location (as it will appear on the lab report)	COB Comments	Enter Number of Containers Per Analysis	Quantity seals Present?	(If present) Seals Intact?	Corrected sample volume?	Correct container?	COA labels complete/accurate?	Container in good condition?
1 JARROW. A. MAR 10 TREATED		2	Y	Y	Y	Y	Y	Y
2 JARROW. A. MAR 10 M. DUCK		2	Y	Y	Y	Y	Y	Y
3 JARROW. A. MAR 10. DALO		2	Y	Y	Y	Y	Y	Y
4 LEWIS HORN. MAR 10. TREATED		2	Y	Y	Y	Y	Y	Y
5 LEWIS HORN. MAR 10. MIDDLE		2	Y	Y	Y	Y	Y	Y
6 LEWIS HORN. MAR 10. DALO		2	Y	Y	Y	Y	Y	Y

LOGGED BY: **[Signature]** Date: **3/18/10** Time: **1330**  
 REVIEWED BY: **[Signature]** Date: **3/18/10** Time: **1330**  
 Relinquished By / Company Name: **K. W. WEA**  
 Date: **3/14/07** Time: **0720**  
 Received By / Company Name: **[Signature]** Date: **3/16/07** Time: **0740**

Revised Information: **98055771**  
 No. of Duplicates: **2**  
 Notes: **CG 5242**  
 ALSI FIELD SERVICES: **NO**  
 1000 Collected Required? **NO**



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Page 3 of 3  
 Counter: **FED EX**  
 Trading #: **8704-1849-7370**  
 98055771

### CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

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 Environmental • Industrial Hygiene • Field Services  
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Co. Name: **PA TECTONICS**  
 Contact (agent): **M GILGALLON**  
 Address: **826 MAIN ST PECKVILLE PA 18452**  
 Phone: **570-487-1959**

PO#: \_\_\_\_\_

Project Name#: **27058** ALSI Quote #: \_\_\_\_\_

TAT:  Home-Standard TAT is 10-12 business days. Data Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Rush-Subject to ALSI approval and scheduling.

Email:  **PA.TECTONICS@HOTMAIL.COM**

Sample	Date	Time	Matrix	Enter Number of Containers Per Analysis
1	3-16-10	0835	G-DW	0
2	3-16-10	0838	G-BW	2
3	3-16-10	0812	G-BW	2
4	3-16-10	1003	G-DW	2
5	3-16-10	1009	G-BW	2
6	3-16-10	1012	G-BW	2

LOGGED BY (Please Print): **H. CURIA**  
 REVENUED BY (Signature): \_\_\_\_\_  
 Date: **3-17-10** Time: **0720**  
 Relinquished By (Company Name): \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

Receipt Information  
 Receipt # \_\_\_\_\_  
 Date \_\_\_\_\_  
 Cooler Temp: **702**  
 Therm. ltr: **101337724**  
 No. of Coolers: \_\_\_\_\_

Notes:  
 Correct containers?   
 Correct sample volume?   
 Correct preservation?   
 Headspace/Volume?   
 Container in good condition?   
 COA labels complete/correct?   
 Received on test?   
 (If present) Seals intact?   
 Custody seals Present?

ALSIFIELD SERVICES  
 Field  
 Labor  
 Composite Sampling  
 Rental Equipment  
 Other

SWA Form?  Yes  No  
 Standard  OLP-100  NI-Reduced  NI-PAL  
 (If applicable) Other: \_\_\_\_\_  
 BOD Checks Required? **NO**

POET System Sampling Analytical Data Sheets

June / August 2010



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## Certificate of Analysis

Project Name: 27058	Workorder: 9852583
Purchase Order:	Workorder ID: 27058.04

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

July 12, 2010

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Wednesday, June 30, 2010

ALSI is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALSI's NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager





**SAMPLE SUMMARY**

Workorder: 9852583 27058.04

Discard Date: 07/26/2010

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9852583001	Fryzel.R.Jun10.Treated	Drinking Water	6/28/10 11:19	6/30/10 09:05	Customer
9852583002	Fryzel.R.Jun10.Middle	Water	6/28/10 11:26	6/30/10 09:05	Customer
9852583003	Fryzel.R.Jun10.Raw	Water	6/28/10 11:30	6/30/10 09:05	Customer
9852583004	Rusyn.B.Jun10.Treated	Drinking Water	6/28/10 18:14	6/30/10 09:05	Customer
9852583005	Rusyn.B.Jun10.Middle	Water	6/28/10 18:19	6/30/10 09:05	Customer
9852583006	Rusyn.B.Jun10.Raw	Water	6/28/10 18:23	6/30/10 09:05	Customer
9852583007	Makala.A.Jun10.Treated	Drinking Water	6/28/10 18:01	6/30/10 09:05	Customer
9852583008	Makala.A.Jun10.Middle	Water	6/28/10 18:06	6/30/10 09:05	Customer
9852583009	Makala.A.Jun10.Raw	Water	6/28/10 18:11	6/30/10 09:05	Customer
9852583010	Pruzinsky.J.Jun 10.Treated	Drinking Water	6/28/10 17:37	6/30/10 09:05	Customer
9852583011	Pruzinsky.J.Jun 10.Middle	Water	6/28/10 17:43	6/30/10 09:05	Customer
9852583012	Pruzinsky.J.Jun 10.Raw	Water	6/28/10 17:52	6/30/10 09:05	Customer

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



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**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583003  
Sample ID: Fryzel.R.Jun10.Raw

Date Collected: 6/28/2010 11:30  
Date Received: 6/30/2010 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:16	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:16	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:16	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/7/10 11:16	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/7/10 11:16	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:16	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/7/10 11:16	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:16	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:16	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.5		%	62-133	SW846 8260B		7/7/10 11:16	MES	A
4-Bromofluorobenzene (S)	95.2		%	79-114	SW846 8260B		7/7/10 11:16	MES	A
Dibromofluoromethane (S)	105		%	78-116	SW846 8260B		7/7/10 11:16	MES	A
Toluene-d8 (S)	96.9		%	76-127	SW846 8260B		7/7/10 11:16	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583002

Date Collected: 6/28/2010 11:26

Matrix: Water

Sample ID: Fryzel.R.Jun10.Middle

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/7/10 10:42	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 10:42	MES	A
Isopropylbenzene	ND	1	ug/L	1.0	SW846 8260B		7/7/10 10:42	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/7/10 10:42	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/7/10 10:42	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/7/10 10:42	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/7/10 10:42	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 10:42	MES	A
1,3,5-Trimethylbenzene	ND	2,3	ug/L	1.0	SW846 8260B		7/7/10 10:42	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.4		%	62-133	SW846 8260B		7/7/10 10:42	MES	A
4-Bromofluorobenzene (S)	91.5		%	79-114	SW846 8260B		7/7/10 10:42	MES	A
Dibromofluoromethane (S)	107		%	78-116	SW846 8260B		7/7/10 10:42	MES	A
Toluene-d8 (S)	95.2		%	76-127	SW846 8260B		7/7/10 10:42	MES	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583001 Date Collected: 6/28/2010 11:19 Matrix: Drinking Water  
Sample ID: Fryzel.R.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:20	DJB A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:20	DJB A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:20	DJB A
Methyl 1-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/9/10 07:20	DJB A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:20	DJB A
Toluene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:20	DJB A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/9/10 07:20	DJB A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:20	DJB A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:20	DJB A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	86.7		%	70-130	EPA 524.2		7/9/10 07:20	DJB A
4-Bromofluorobenzene (S)	78.8		%	70-130	EPA 524.2		7/9/10 07:20	DJB A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583009  
Sample ID: Makala.A.Jun10.Raw

Date Collected: 6/28/2010 18:11  
Date Received: 6/30/2010 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:12	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:12	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:12	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/8/10 10:12	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/8/10 10:12	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:12	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/8/10 10:12	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:12	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:12	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	83.2		%	62-133	SW846 8260B		7/8/10 10:12	MES	A
4-Bromofluorobenzene (S)	82.5		%	79-114	SW846 8260B		7/8/10 10:12	MES	A
Dibromofluoromethane (S)	87.9		%	78-116	SW846 8260B		7/8/10 10:12	MES	A
Toluene-d8 (S)	99.1		%	76-127	SW846 8260B		7/8/10 10:12	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583008 Date Collected: 6/28/2010 18:06 Matrix: Water  
Sample ID: Makala.A.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:00	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:00	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:00	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/8/10 08:00	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/8/10 08:00	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:00	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/8/10 08:00	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:00	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:00	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	83.5		%	62-133	SW846 8260B		7/8/10 08:00	MES	A
4-Bromofluorobenzene (S)	83		%	79-114	SW846 8260B		7/8/10 08:00	MES	A
Dibromofluoromethane (S)	87.7		%	78-116	SW846 8260B		7/8/10 08:00	MES	A
Toluene-d8 (S)	99.8		%	76-127	SW846 8260B		7/8/10 08:00	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583007

Date Collected: 6/28/2010 18:01

Matrix: Drinking Water

Sample ID: Makala.A.Jun10.Treated

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:12	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:12	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:12	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/9/10 08:12	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:12	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:12	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/9/10 08:12	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:12	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:12	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	103		%	70-130	EPA 524.2		7/9/10 08:12	DJB	A
4-Bromofluorobenzene (S)	96.7		%	70-130	EPA 524.2		7/9/10 08:12	DJB	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583012 Date Collected: 6/28/2010 17:52 Matrix: Water  
Sample ID: Pruzlinsky.J.Jun 10.Raw Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:45	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:45	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:45	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/8/10 10:45	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/8/10 10:45	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:45	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/8/10 10:45	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:45	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 10:45	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	83.1		%	62-133	SW846 8260B		7/8/10 10:45	MES	A
4-Bromofluorobenzene (S)	83.6		%	79-114	SW846 8260B		7/8/10 10:45	MES	A
Dibromofluoromethane (S)	87.9		%	78-116	SW846 8260B		7/8/10 10:45	MES	A
Toluene-d8 (S)	100		%	76-127	SW846 8260B		7/8/10 10:45	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583011

Date Collected: 6/28/2010 17:43

Matrix: Water

Sample ID: Pruzinsky,J.Jun 10.Middle

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:33	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:33	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:33	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/8/10 08:33	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/8/10 08:33	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:33	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/8/10 08:33	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:33	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 08:33	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	82.3		%	62-133	SW846 8260B		7/8/10 08:33	MES	A
4-Bromofluorobenzene (S)	82.8		%	79-114	SW846 8260B		7/8/10 08:33	MES	A
Dibromofluoromethane (S)	87.3		%	78-116	SW846 8260B		7/8/10 08:33	MES	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		7/8/10 08:33	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583010 Date Collected: 6/28/2010 17:37 Matrix: Drinking Water  
Sample ID: Pruzinsky,J.Jun 10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:38	DJB A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:38	DJB A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:38	DJB A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/9/10 08:38	DJB A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:38	DJB A
Toluene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:38	DJB A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/9/10 08:38	DJB A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:38	DJB A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 08:38	DJB A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By Cntr</i>
1,2-Dichlorobenzene-d4 (S)	76		%	70-130	EPA 524.2		7/9/10 08:38	DJB A
4-Bromofluorobenzene (S)	89.3		%	70-130	EPA 524.2		7/9/10 08:38	DJB A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852583 27058.04

Lab ID: 9852583006  
Sample ID: Rusyn.B.Jun10.Raw

Date Collected: 6/28/2010 18:23  
Date Received: 6/30/2010 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/7/10 12:22	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 12:22	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 12:22	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/7/10 12:22	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/7/10 12:22	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/7/10 12:22	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/7/10 12:22	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 12:22	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 12:22	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	80.3		%	62-133	SW846 8260B		7/7/10 12:22	MES	A
4-Bromofluorobenzene (S)	97.7		%	79-114	SW846 8260B		7/7/10 12:22	MES	A
Dibromofluoromethane (S)	91.2		%	78-116	SW846 8260B		7/7/10 12:22	MES	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		7/7/10 12:22	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852583 27058.04

Lab ID: 9852583005 Date Collected: 6/28/2010 18:19 Matrix: Water  
Sample ID: Rusyn.B.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:49	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:49	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:49	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/7/10 11:49	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/7/10 11:49	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:49	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/7/10 11:49	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:49	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/7/10 11:49	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.1		%	62-133	SW846 8260B		7/7/10 11:49	MES	A
4-Bromofluorobenzene (S)	100		%	79-114	SW846 8260B		7/7/10 11:49	MES	A
Dibromofluoromethane (S)	101		%	78-116	SW846 8260B		7/7/10 11:49	MES	A
Toluene-d8 (S)	95.5		%	76-127	SW846 8260B		7/7/10 11:49	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852583 27058.04

Lab ID: 9852583004 Date Collected: 6/28/2010 18:14 Matrix: Drinking Water  
Sample ID: Rusyn.B.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:46	DJB A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:46	DJB A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:46	DJB A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/9/10 07:46	DJB A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:46	DJB A
Toluene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:46	DJB A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/9/10 07:46	DJB A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:46	DJB A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 07:46	DJB A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By Cntr</i>
1,2-Dichlorobenzene-d4 (S)	104		%	70-130	EPA 524.2		7/9/10 07:46	DJB A
4-Bromofluorobenzene (S)	92.3		%	70-130	EPA 524.2		7/9/10 07:46	DJB A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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**34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430**

### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9852583 27058.04

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#### PARAMETER QUALIFIERS\FLAGS

- [1] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Isopropylbenzene. The % Recovery was reported as 130 and the control limits were 73 to 129.
- [2] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte 1,3,5-Trimethylbenzene. The % Recovery was reported as 128 and the control limits were 76 to 125.
- [3] The QC sample type MSD for method SW846 8260B was outside the control limits for the analyte 1,3,5-Trimethylbenzene. The % Recovery was reported as 127 and the control limits were 76 to 125.



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Page 1 of 2  
Carrier: FED EX  
Tracking #: 870441849-736

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SEADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
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34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: PENNSYLVANIA TECTONICS INC  
Contact: MARTIN GILGALLON  
Address: 826 MAIN STREET  
PECKVILLE PA 18452

Phone: 570-487-1459

Bill To (if different than Report):

PO#: \_\_\_\_\_

Project Name #: 21053.04  
TAT:  Normal Standard TAT is 48-72 business days.  
 Rush-Subject to ALSI approval and surcharges.

Email:  Y  N  
Fax:  Y  N

Sample Description/Location  
for use as back-up for the lab report.

COC Comments

Sample Date

Time

ALSIS Quote #:

Date Received:

Approved By:

### ANALYSIS/METHOD REQUESTED

Enter Number of Containers Per Analysis

Container #	Analysis Method	Number of Containers
1	NEW LIST, EPA 8260	2
2	PENNSYLVANIA UNLEADED	2
3	NEW LIST, EPA 8260	2
4	PENNSYLVANIA UNLEADED	2
5	NEW LIST, EPA 8260	2
6	PENNSYLVANIA UNLEADED	2
7	NEW LIST, EPA 8260	2
8	PENNSYLVANIA UNLEADED	2

Container Type  
Container Size  
Preservative

Container Mark

Receipt Information  
Container No. \_\_\_\_\_  
Carrier Name \_\_\_\_\_  
Carrier Temp: \_\_\_\_\_  
Therm. Dr. \_\_\_\_\_  
No. of Coolers: \_\_\_\_\_  
Notes: \_\_\_\_\_

Circle appropriate Y or N.

Correct sealers present?	Y	Correct sample volumes?	Y	Correct preservation?	Y	Correct preservation?	Y	CO2 labors complete/accurate?	Y	Container in good condition?	Y
--------------------------	---	-------------------------	---	-----------------------	---	-----------------------	---	-------------------------------	---	------------------------------	---

ALSIS FIELD SERVICES

Prep	_____
Lab	_____
Resposable Sampling	_____
Special Equipment	_____
Other	_____

LOGGED BY: [Signature] 6/6/2010 4:38

REVIEWED BY: [Signature] 6/21/2010 10:11

Date	Time	Received By / Company Name	Date	Time
6.23.10	1350	Jerry Luchawsky	6/21/2010	10:11
6.23.10	1350	Jerry Luchawsky	6/21/2010	10:11
6.23.10	1350	Jerry Luchawsky	6/21/2010	10:11
6.23.10	1350	Jerry Luchawsky	6/21/2010	10:11
6.23.10	1350	Jerry Luchawsky	6/21/2010	10:11
6.23.10	1350	Jerry Luchawsky	6/21/2010	10:11
6.23.10	1350	Jerry Luchawsky	6/21/2010	10:11
6.23.10	1350	Jerry Luchawsky	6/21/2010	10:11
6.23.10	1350	Jerry Luchawsky	6/21/2010	10:11

COPIES: WHITE - ORIGINAL GRANITE - CUSTOMER COPY  
\* Se-Grab C-Composite  
\*\*Mg/Cr, As/Lr, DVE-shielding Vapor, GVE-Groundwater, D-DIC, D-Other Liquids, S-U-Shields, S-D-Soil, W-PPW, W-Water  
\*\*\*Container Type: AG-Amber Glass; CC-Clear Glass; PC-Plastic; Container Size: 250ml, 500ml, 1L, etc.; Pre-rinsed: NCI, R1003, R1004, etc.



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Page 2 of 2  
Cauler: **FED EX**  
Tracking # **8704-1849-7666**  
**98505583**

**CHAIN OF CUSTODY!**  
**REQUEST FOR ANALYSIS**  
**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.**

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS, INC.** Phone: **510-487-1959**  
 Contact (Person): **MARTIN GILGALLON**  
 Address: **826 MAIN STREET PECKVILLE PA 18454**

Bill To (if different than Report): **POB:**

Project Name#: **27058.04** ALSI Quote #: \_\_\_\_\_  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Normal Standard (ATF is 10-12 business days)  
 Rush Subject to ALSI approval and surcharges.  
 Email?  Yes  No  
 Fax?  Yes  No

ANALYSIS/METHOD REQUESTED

Container	Type	Volume	Site	Preservation	Matrix	Enter Number of Containers Per Analysis
1	66	66	40ml	40ml	PENNSYLVANIA UNLABLED	2
2	66	66	40ml	40ml	PENNSYLVANIA UNLABLED	2
3	66	66	40ml	40ml	PENNSYLVANIA UNLABLED	2
4	66	66	40ml	40ml	PENNSYLVANIA UNLABLED	2
5	66	66	40ml	40ml	PENNSYLVANIA UNLABLED	2
6	66	66	40ml	40ml	PENNSYLVANIA UNLABLED	2
7						
8						

Sample	Military	COC Comments
1	1801	
2	1806	
3	1811	
4	1737	
5	1713	
6	1758	
7		
8		

LOGGED BY (Signature): *[Signature]* Date: **6/30/10** Time: **1359**

REVIEWED BY (Signature): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Date	Time	Received By / Company Name
6.24.10	1350	2
		4
		6
		8
		10

REQUISITIONED BY (Please Print): **Jerry Luchasky**

REQUISITIONED BY (Signature): *[Signature]*

REQUISITIONED BY (Company Name): **PA Tectonics**

REQUISITIONED BY (Date): **6.24.10**

REQUISITIONED BY (Time): **1350**

REQUISITIONED BY (Received By / Company Name): **Jerry Luchasky PA Tectonics**

Receipt Information	Container	Volume	Site	Preservation	Matrix	Enter Number of Containers Per Analysis
Correct volume? <input checked="" type="checkbox"/> Correct sample volume? <input checked="" type="checkbox"/> Correct preservation? <input checked="" type="checkbox"/> Madcapse/Volcheck? <input checked="" type="checkbox"/> Container in good condition? <input checked="" type="checkbox"/>						

Custody seals present?  
 (if present) Seals intact?  
 Received on ice?  
 Correct preservation?  
 Madcapse/Volcheck?  
 Container in good condition?

ALSI Field Services  
 Molep  
 Labor  
 Compatible Sampling  
 Rental Equipment  
 Other





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## Certificate of Analysis

Project Name: 27058  
Purchase Order:

Workorder: 9852586  
Workorder ID: 27058.04

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

July 14, 2010

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Wednesday, June 30, 2010

ALSI is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**SAMPLE SUMMARY**

Workorder: 9852586 27058.04

Discard Date: 07/28/2010

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9852586001	Steinmetz.M.Jun10.Treated	Drinking Water	6/29/10 07:00	6/30/10 09:05	Customer
9852586002	Steinmetz.M.Jun10.Middle	Water	6/29/10 07:00	6/30/10 09:05	Customer
9852586003	Steinmetz.M.Jun10.Raw	Water	6/29/10 07:00	6/30/10 09:05	Customer
9852586004	Strong.B.Jun10.Treated	Drinking Water	6/29/10 07:30	6/30/10 09:05	Customer
9852586005	Strong.B.Jun10.Middle	Water	6/29/10 07:30	6/30/10 09:05	Customer
9852586006	Strong.B.Jun10.Raw	Water	6/29/10 07:30	6/30/10 09:05	Customer
9852586007	Kazuba.R.Jun10.Treated	Drinking Water	6/29/10 08:00	6/30/10 09:05	Customer
9852586008	Kazuba.R.Jun10.Middle	Water	6/29/10 08:00	6/30/10 09:05	Customer
9852586009	Kazuba.R.Jun10.Raw	Water	6/29/10 08:00	6/30/10 09:05	Customer
9852586010	Jarrow.A.Jun10.Treated	Drinking Water	6/29/10 08:30	6/30/10 09:05	Customer
9852586011	Jarrow.A.Jun10.Middle	Water	6/29/10 08:30	6/30/10 09:05	Customer
9852586012	Jarrow.A.Jun10.Raw	Water	6/29/10 08:30	6/30/10 09:05	Customer
9852586013	Bobar.W.Jun10.Treated	Drinking Water	6/29/10 09:00	6/30/10 09:05	Customer
9852586014	Bobar.W.Jun10.Middle	Water	6/29/10 09:00	6/30/10 09:05	Customer
9852586015	Bobar.W.Jun10.Raw	Water	6/29/10 09:00	6/30/10 09:05	Customer
9852586016	Kuzmiak.M.Jun10.Treated	Drinking Water	6/29/10 09:30	6/30/10 09:05	Customer
9852586017	Kuzmiak.M.Jun10.Middle	Water	6/29/10 09:30	6/30/10 09:05	Customer
9852586018	Kuzmiak.M.Jun10.Raw	Water	6/29/10 09:30	6/30/10 09:05	Customer
9852586019	Trinovitch.J.Jun10.Treated	Drinking Water	6/29/10 10:00	6/30/10 09:05	Customer
9852586020	Trinovitch.J.Jun10.Middle	Water	6/29/10 10:00	6/30/10 09:05	Customer
9852586021	Trinovitch.J.Jun10.Raw	Water	6/29/10 10:00	6/30/10 09:05	Customer
9852586022	Lupini.M.Jun10.Treated	Drinking Water	6/29/10 10:35	6/30/10 09:05	Customer
9852586023	Lupini.M.Jun10.Middle	Water	6/29/10 10:35	6/30/10 09:05	Customer
9852586024	Lupini.M.Jun10.Raw	Water	6/29/10 10:35	6/30/10 09:05	Customer

**Workorder Comments:**



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: 9852586015 Date Collected: 6/29/2010 09:00 Matrix: Water  
Sample ID: Bobar.W.Jun10.Raw Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:07	DJB A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:07	DJB A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:07	DJB A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 03:07	DJB A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 03:07	DJB A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:07	DJB A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 03:07	DJB A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:07	DJB A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:07	DJB A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.3		%	62-133	SW846 8260B		7/9/10 03:07	DJB A
4-Bromofluorobenzene (S)	80.1		%	79-114	SW846 8260B		7/9/10 03:07	DJB A
Dibromofluoromethane (S)	82.6		%	78-116	SW846 8260B		7/9/10 03:07	DJB A
Toluene-d8 (S)	85.9		%	76-127	SW846 8260B		7/9/10 03:07	DJB A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058,04

Lab ID: **9852586014** Date Collected: 6/29/2010 09:00 Matrix: Water  
Sample ID: **Bobar.W.Jun10.Middle** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:34	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:34	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:34	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 02:34	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 02:34	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:34	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 02:34	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:34	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:34	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	83.6		%	62-133	SW846 8260B		7/9/10 02:34	DJB	A
4-Bromofluorobenzene (S)	82.4		%	79-114	SW846 8260B		7/9/10 02:34	DJB	A
Dibromofluoromethane (S)	84.4		%	78-116	SW846 8260B		7/9/10 02:34	DJB	A
Toluene-d8 (S)	88.5		%	76-127	SW846 8260B		7/9/10 02:34	DJB	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852586 27058.04

Lab ID: 9852586013 Date Collected: 6/29/2010 09:00 Matrix: Drinking Water  
Sample ID: Bobar.W.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:54	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:54	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:54	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/9/10 06:54	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:54	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:54	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/9/10 06:54	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:54	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:54	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	72.9		%	70-130	EPA 524.2		7/9/10 06:54	DJB	A
4-Bromofluorobenzene (S)	72.5		%	70-130	EPA 524.2		7/9/10 06:54	DJB	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: **9852586012**  
Sample ID: **Jarrow.A.Jun10.Raw**

Date Collected: 6/29/2010 08:30  
Date Received: 6/30/2010 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:00	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:00	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:00	DJB	A
Methyl t-Butyl Ether	20.3		ug/L	1.0	SW846 8260B		7/9/10 02:00	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 02:00	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:00	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 02:00	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:00	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:00	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	82.4		%	62-133	SW846 8260B		7/9/10 02:00	DJB	A
4-Bromofluorobenzene (S)	85.7		%	79-114	SW846 8260B		7/9/10 02:00	DJB	A
Dibromofluoromethane (S)	82.5		%	78-116	SW846 8260B		7/9/10 02:00	DJB	A
Toluene-d8 (S)	88.1		%	76-127	SW846 8260B		7/9/10 02:00	DJB	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: **9852586011** Date Collected: 6/29/2010 08:30 Matrix: Water  
Sample ID: **Jarrow.A.Jun10.Middle** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:27	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:27	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:27	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 01:27	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 01:27	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:27	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 01:27	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:27	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:27	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	79.7		%	62-133	SW846 8260B		7/9/10 01:27	DJB	A
4-Bromofluorobenzene (S)	83.6		%	79-114	SW846 8260B		7/9/10 01:27	DJB	A
Dibromofluoromethane (S)	82.5		%	78-116	SW846 8260B		7/9/10 01:27	DJB	A
Toluene-d8 (S)	90.4		%	76-127	SW846 8260B		7/9/10 01:27	DJB	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: 9852586010 Date Collected: 6/29/2010 08:30 Matrix: Drinking Water  
Sample ID: Jarow.A.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:35	DJB A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:35	DJB A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:35	DJB A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/9/10 05:35	DJB A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:35	DJB A
Toluene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:35	DJB A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/9/10 05:35	DJB A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:35	DJB A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:35	DJB A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By Cntr</i>
1,2-Dichlorobenzene-d4 (S)	82.9		%	70-130	EPA 524.2		7/9/10 05:35	DJB A
4-Bromofluorobenzene (S)	85.1		%	70-130	EPA 524.2		7/9/10 05:35	DJB A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





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**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: 9852586009

Date Collected: 6/29/2010 08:00

Matrix: Water

Sample ID: Kazuba.R.Jun10.Raw

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:53	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:53	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:53	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 13:53	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 13:53	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:53	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 13:53	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:53	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:53	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.4		%	62-133	SW846 8260B		7/9/10 13:53	MES	A
4-Bromofluorobenzene (S)	83.3		%	79-114	SW846 8260B		7/9/10 13:53	MES	A
Dibromofluoromethane (S)	89.5		%	78-116	SW846 8260B		7/9/10 13:53	MES	A
Toluene-d8 (S)	92.4		%	76-127	SW846 8260B		7/9/10 13:53	MES	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852586 27058.04

Lab ID: 9852586008 Date Collected: 6/29/2010 08:00 Matrix: Water  
Sample ID: Kazuba.R.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:39 MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:39 MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:39 MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/8/10 09:39 MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/8/10 09:39 MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:39 MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/8/10 09:39 MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:39 MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:39 MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	82.9		%	62-133	SW846 8260B		7/8/10 09:39 MES	A
4-Bromofluorobenzene (S)	79.3		%	79-114	SW846 8260B		7/8/10 09:39 MES	A
Dibromofluoromethane (S)	86.9		%	78-116	SW846 8260B		7/8/10 09:39 MES	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		7/8/10 09:39 MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: 9852586007 Date Collected: 6/29/2010 08:00 Matrix: Drinking Water  
Sample ID: Kazuba.R.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:28	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:28	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:28	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/9/10 06:28	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:28	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:28	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/9/10 06:28	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:28	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:28	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	91.2		%	70-130	EPA 524.2		7/9/10 06:28	DJB	A
4-Bromofluorobenzene (S)	88.3		%	70-130	EPA 524.2		7/9/10 06:28	DJB	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: **9852586018**

Date Collected: 6/29/2010 09:30

Matrix: Water

Sample ID: **Kuzmiak.M.Jun10.Raw**

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:20	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:20	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:20	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 13:20	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 13:20	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:20	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 13:20	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:20	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:20	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	85.2		%	62-133	SW846 8260B		7/9/10 13:20	MES	A
4-Bromofluorobenzene (S)	79.6		%	79-114	SW846 8260B		7/9/10 13:20	MES	A
Dibromofluoromethane (S)	78.7		%	78-116	SW846 8260B		7/9/10 13:20	MES	A
Toluene-d8 (S)	99.9		%	76-127	SW846 8260B		7/9/10 13:20	MES	A

**Sample Comments:**

  
 Anna G Milliken  
 Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: 9852586017

Date Collected: 6/29/2010 09:30

Matrix: Water

Sample ID: Kuzmiak.M.Jun10.Middle

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 10:32	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 10:32	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 10:32	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 10:32	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 10:32	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 10:32	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 10:32	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 10:32	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 10:32	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.8		%	62-133	SW846 8260B		7/9/10 10:32	MES	A
4-Bromofluorobenzene (S)	86.9		%	79-114	SW846 8260B		7/9/10 10:32	MES	A
Dibromofluoromethane (S)	87.8		%	78-116	SW846 8260B		7/9/10 10:32	MES	A
Toluene-d8 (S)	93.5		%	76-127	SW846 8260B		7/9/10 10:32	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: **9862586016** Date Collected: 6/29/2010 09:30 Matrix: Drinking Water  
 Sample ID: **Kuzmiak.M.Jun10.Treated** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:48	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:48	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:48	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 01:48	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:48	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:48	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 01:48	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:48	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:48	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	85.9		%	70-130	EPA 524.2		7/13/10 01:48	DJB	A
4-Bromofluorobenzene (S)	87.3		%	70-130	EPA 524.2		7/13/10 01:48	DJB	A

**Sample Comments:**

The method 524 internal standard was recovered outside of the control limits.

  
 Anna G Milliken  
 Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: 9852586024

Date Collected: 6/29/2010 10:35

Matrix: Water

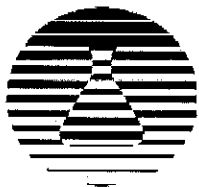
Sample ID: LupInl.M.Jun10.Raw

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:13	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:13	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:13	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 12:13	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 12:13	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:13	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 12:13	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:13	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:13	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.1		%	62-133	SW846 8260B		7/9/10 12:13	MES	A
4-Bromofluorobenzene (S)	83.2		%	79-114	SW846 8260B		7/9/10 12:13	MES	A
Dibromofluoromethane (S)	88.9		%	78-116	SW846 8260B		7/9/10 12:13	MES	A
Toluene-d8 (S)	89.1		%	76-127	SW846 8260B		7/9/10 12:13	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: 9852586023

Date Collected: 6/29/2010 10:35

Matrix: Water

Sample ID: Lupini.M.Jun10.Middle

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:39	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:39	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:39	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 11:39	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 11:39	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:39	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 11:39	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:39	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:39	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.5		%	62-133	SW846 8260B		7/9/10 11:39	MES	A
4-Bromofluorobenzene (S)	81.5		%	79-114	SW846 8260B		7/9/10 11:39	MES	A
Dibromofluoromethane (S)	86.2		%	78-116	SW846 8260B		7/9/10 11:39	MES	A
Toluene-d8 (S)	94.1		%	76-127	SW846 8260B		7/9/10 11:39	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: 9852586022 Date Collected: 6/29/2010 10:35 Matrix: Drinking Water  
Sample ID: Luplnl.M.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:32	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:32	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:32	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 17:32	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:32	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:32	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 17:32	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:32	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:32	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	87.2		%	70-130	EPA 524.2		7/13/10 17:32	TMP	A
4-Bromofluorobenzene (S)	82.4		%	70-130	EPA 524.2		7/13/10 17:32	TMP	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: **9852586006** Date Collected: 6/29/2010 07:30 Matrix: Water  
Sample ID: **Strong.B.Jun10.Raw** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr	
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/8/10 07:28	MES A	
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 07:28	MES A	
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 07:28	MES A	
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/8/10 07:28	MES A	
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/8/10 07:28	MES A	
Toluene	ND		ug/L	1.0	SW846 8260B		7/8/10 07:28	MES A	
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/8/10 07:28	MES A	
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 07:28	MES A	
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 07:28	MES A	
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>	
1,2-Dichloroethane-d4 (S)	84.3		%	62-133	SW846 8260B		7/8/10 07:28	MES A	
4-Bromofluorobenzene (S)	83.3		%	79-114	SW846 8260B		7/8/10 07:28	MES A	
Dibromofluoromethane (S)	89.2		%	78-116	SW846 8260B		7/8/10 07:28	MES A	
Toluene-d8 (S)	101		%	76-127	SW846 8260B		7/8/10 07:28	MES A	

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852586 27058.04

Lab ID: 9852586005 Date Collected: 6/29/2010 07:30 Matrix: Water  
Sample ID: Strong.B.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/8/10 06:55	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 06:55	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 06:55	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/8/10 06:55	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/8/10 06:55	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/8/10 06:55	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/8/10 06:55	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 06:55	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 06:55	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.9		%	62-133	SW846 8260B		7/8/10 06:55	MES	A
4-Bromofluorobenzene (S)	81.3		%	79-114	SW846 8260B		7/8/10 06:55	MES	A
Dibromofluoromethane (S)	85.5		%	78-116	SW846 8260B		7/8/10 06:55	MES	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		7/8/10 06:55	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: **9852586004** Date Collected: 6/29/2010 07:30 Matrix: Drinking Water  
Sample ID: **Strong.B.Jun10.Treated** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:10	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:10	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:10	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/9/10 05:10	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:10	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:10	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/9/10 05:10	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:10	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 05:10	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	98.2		%	70-130	EPA 524.2		7/9/10 05:10	DJB	A
4-Bromofluorobenzene (S)	88.1		%	70-130	EPA 524.2		7/9/10 05:10	DJB	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852586 27058.04

Lab ID: 9852586003 Date Collected: 6/29/2010 07:00 Matrix: Water  
Sample ID: Steinmetz.M.Jun10.Raw Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	1.0	SW846 8260B		7/8/10 11:17 MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 11:17 MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 11:17 MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/8/10 11:17 MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/8/10 11:17 MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/8/10 11:17 MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/8/10 11:17 MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 11:17 MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 11:17 MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	83.3		%	62-133	SW846 8260B		7/8/10 11:17 MES	A
4-Bromofluorobenzene (S)	79.2		%	79-114	SW846 8260B		7/8/10 11:17 MES	A
Dibromofluoromethane (S)	89.4		%	78-116	SW846 8260B		7/8/10 11:17 MES	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		7/8/10 11:17 MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852586 27058.04

Lab ID: 9852586002 Date Collected: 6/29/2010 07:00 Matrix: Water  
Sample ID: Steinmetz.M.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:06	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:06	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:06	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/8/10 09:06	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/8/10 09:06	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:06	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/8/10 09:06	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:06	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/8/10 09:06	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	81.9		%	62-133	SW846 8260B		7/8/10 09:06	MES	A
4-Bromofluorobenzene (S)	82.2		%	79-114	SW846 8260B		7/8/10 09:06	MES	A
Dibromofluoromethane (S)	85.9		%	78-116	SW846 8260B		7/8/10 09:06	MES	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		7/8/10 09:06	MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852586 27058.04

Lab ID: 9852586001 Date Collected: 6/29/2010 07:00 Matrix: Drinking Water  
Sample ID: Steinmetz.M.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:02	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:02	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:02	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/9/10 06:02	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:02	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:02	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/9/10 06:02	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:02	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/9/10 06:02	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	96		%	70-130	EPA 524.2		7/9/10 06:02	DJB	A
4-Bromofluorobenzene (S)	97.1		%	70-130	EPA 524.2		7/9/10 06:02	DJB	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: 9852586021

Date Collected: 6/29/2010 10:00

Matrix: Water

Sample ID: Trinovltch.J.Jun10.Raw

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:24	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:24	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:24	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 13:24	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 13:24	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:24	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 13:24	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:24	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:24	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.1		%	82-133	SW846 8260B		7/9/10 13:24	MES	A
4-Bromofluorobenzene (S)	82.3		%	79-114	SW846 8260B		7/9/10 13:24	MES	A
Dibromofluoromethane (S)	88		%	78-116	SW846 8260B		7/9/10 13:24	MES	A
Toluene-d8 (S)	97.8		%	76-127	SW846 8260B		7/9/10 13:24	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: **9852586020** Date Collected: 6/29/2010 10:00 Matrix: Water  
 Sample ID: **TrInovitch.J.Jun10.Middle** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:06	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:06	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:06	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 11:06	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 11:06	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:06	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 11:06	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:06	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:06	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	95.6		%	62-133	SW846 8260B		7/9/10 11:06	MES	A
4-Bromofluorobenzene (S)	80.2		%	79-114	SW846 8260B		7/9/10 11:06	MES	A
Dibromofluoromethane (S)	91.9		%	78-116	SW846 8260B		7/9/10 11:06	MES	A
Toluene-d8 (S)	89.9		%	76-127	SW846 8260B		7/9/10 11:06	MES	A

**Sample Comments:**

*Anna G Milliken*  
 Anna G Milliken  
 Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852586 27058.04

Lab ID: **9852586019** Date Collected: 6/29/2010 10:00 Matrix: Drinking Water  
Sample ID: **Trinovitch.J.Jun10.Treated** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:06	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:06	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:06	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 17:06	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:06	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:06	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 17:06	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:06	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:06	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	86.5		%	70-130	EPA 524.2		7/13/10 17:06	TMP	A
4-Bromofluorobenzene (S)	72.7		%	70-130	EPA 524.2		7/13/10 17:06	TMP	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL  
LABORATORY  
SERVICES, INC.**

www.analyticalab.com

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PA 22-293 NJ PA010



34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

**SAMPLE SUMMARY**

Workorder: 9852586 27058.04

Discard Date: 07/28/2010

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
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**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430



Page 1 of 4  
Client: **FEA EX**  
Tracking #: **8704-1849-7264**

## CHAIN OF CUSTODY REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT. SAMPLE INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Risk Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS LLC**  
Contact (person): **MARTIN GILGALLON**  
Address: **840 MAIN STREET PECKVILLE PA 18452**  
Phone: **570-487-1959**

Bill to (if different from Requestor):  
PO#: \_\_\_\_\_  
Project Name#: **27058.04** ALSI Quote #: \_\_\_\_\_  
TAT:  Normal Standard TAT is 10-12 business days. Date Required: \_\_\_\_\_  
Email:  Rush Subject to ALSI approval and surcharges. Approved By: \_\_\_\_\_  
Fax:  **DATECTONICS@HOTMAIL.COM**

Sample Description/Location (last will appear on the label)	Sample Date	Military Time	COC Comments
1 STEINMETZ, M. JUNIOR, TREATED	4/21/10	0700	6 DW 2
2 STEINMETZ, M. JUNIOR, MIDDLE	4/21/10	0700	6 DW 2
3 STEINMETZ, M. JUNIOR, ROAD	4/21/10	0700	6 DW 2
4 STRONG, B. JUNIOR, TREATED	4/21/10	0730	6 DW 2
5 STRONG, B. JUNIOR, MIDDLE	4/21/10	0730	6 DW 2
6 STRONG, B. JUNIOR, ROAD	4/21/10	0730	6 DW 2
7			
8			

LOGGED BY (signature): *[Signature]* Date: **4/23/10** Time: **1331**  
REVIEWED BY (signature): *[Signature]* Date: **4/23/10** Time: **1331**  
Date: **4/21/10** Time: **1350** Received By / Company Name: *[Signature]*  
Date: **4/21/10** Time: **1350** Received By / Company Name: *[Signature]*

ANALYSES/METHOD REQUESTED

Container Type	C6	C6
Container Size	400mL	400mL
Preservation	REF	REF

Enter Number of Containers Per Analysis

Container No.	1	2	3	4	5	6	7	8
Method	NEW LIST, EPA 816A	NEW LIST, EPA 816A	NEW LIST, EPA 816A	NEW LIST, EPA 816A	NEW LIST, EPA 816A	NEW LIST, EPA 816A	NEW LIST, EPA 816A	NEW LIST, EPA 816A

Receipt Information

Correct containers?	Y
Correct sample volume?	Y
Correct preservation?	Y
Headspace/volatiles?	Y
COA absent/completed?	Y
Container in good condition?	Y

ALS FIELD SERVICES

Checked in?	MD	NY	PA
Formed?	Yes	Yes	Yes
Stacked?	QD-300	NU-Residual	NU-FCI
Data Deliverables	Yes	Yes	Yes



# ANALYTICAL LABORATORY SERVICES, INC.

www.analyticallab.com

NELAP Accredited  
PA 22-293 NJ PA010



34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 FAX: 717-944-1430

Page of 4  
Count: **FEB EX**  
Tracking # **8104-1849-1666**  
**98502586**

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE  
CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
EPA/MSDS/ISO 9001 • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS INC**  
Contact person: **MARTIN GILGALLON** Phone: **570-487-1959**  
Address: **826 MAIN STREET**  
**PECKVILLE PA 18452**

Bill to person name report: **POB:**

Project Name: **27058.04** ALSI Quote #:  
 Normal Standard TAT is 10-12 business days.  
 Rush Subject to ALSI approval and surcharges.  
 Email:  **PA.TECTONICS@HOTMAIL.COM**  
 Fax:

Sample Description/Location	Sample Date	Sample Matrix	Military Time	COC Comments
1 KAZUBA, R. JUNIO, TRESTEA	2/24/10	G DW	0800	
2 KAZUBA, R. JUNIO, MINNIE	2/24/10	G DW	0800	
3 KAZUBA, R. JUNIO, BOB	2/24/10	G DW	0800	
4 JARROLD, A. JUNIO, TRESTEA	2/24/10	G DW	0830	
5 JARROLD, A. JUNIO, MIDDLE	2/24/10	G DW	0830	
6 JARROLD, A. JUNIO, AVAL	2/24/10	G DW	0830	
7				
8				

Enter Number of Containers Per Analysis

ANALYSIS METHOD REQUESTED

RECEIVED INFORMATION

Correct containers?	Y
Correct sample volume?	Y
Received on top?	Y
Labels complete/correct?	Y
Headspace/Volatiles?	Y
Container in good condition?	Y

Other:  Priority  Labor  Compost Sampling  Special Equipment  Other:

Standard	Standard	Standard	Standard	Standard
<input checked="" type="checkbox"/> CLP-7c	<input type="checkbox"/> CLP-7c	<input type="checkbox"/> M-Residual	<input type="checkbox"/> M-PLI	<input type="checkbox"/> Other
<input type="checkbox"/> M-Residual	<input type="checkbox"/> M-PLI	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other

LOGGED BY/Signature	REVIEWED BY/Signature	Date	Time	Received By / Company Name	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	2/24/10	1350	<i>[Signature]</i>	2/24/10	1331

COPIES: WHITE - ORIGINAL CANARY - CUSTOMER COPY

\* E-Grade; D-Composite

\*\*Matrix: A=Air; DW=Drinking Water; EW=Groundwater; O=Oil; C=Clear Liquid; S=Sludge; SO=Soil; W=Wet; W=Water

\*\*\*Container Types: AG=Acid Glass; CG=Clean Glass; PL=Plastic; Container Size: 250ml, 500ml, 1L, 500ml, etc. Preservatives: HCl, HNO3, NaOH, etc.

Rev 6/07



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Page 3 of 4  
Count: **FED EX**  
Tracking #: **8704-1819-7266**  
**98502586**

### CHAIN OF CUSTODY REQUEST FOR ANALYSIS

ALL SHADDED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services

34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS INC**  
Contact (person): **MARTIN GILGALLON** Phone: **570-487-1959**  
Address: **826 MAIN STREET**  
**PECKVILLE PA 18452**

Project Name#: **27053 OH** ALSI Quote #:  
TAT:  Normal Standard TAT is 10-12 business days.  
Rush Subject to ALSI approval and surcharges.  
Approved By:  
Email:  **TECTONICS@HOTMAIL.COM**

Container Type	Container Size	Preservative	Enter Number of Containers Per Analysis	Sample Date	Military Time	COC Comments	LOGGED BY (Signature)	RECEIVED BY (Signature)	Date	Time	Received By / Company Name	Date	Time
C6	C6	None	2	6/10/09	0900	NEW LIST, EPA SAID PENNSYLVANIA UNLARGED	HEX	HEX	6/10/09	1350	HEX	6/10/09	1350
C6	C6	None	2	6/10/09	0900	NEW LIST, EPA SAID PENNSYLVANIA UNLARGED							
C6	C6	None	2	6/10/09	0900	NEW LIST, EPA SAID PENNSYLVANIA UNLARGED							
C6	C6	None	2	6/10/09	0930	NEW LIST, EPA SAID PENNSYLVANIA UNLARGED							
C6	C6	None	2	6/10/09	0930	NEW LIST, EPA SAID PENNSYLVANIA UNLARGED							
C6	C6	None	2	6/10/09	0930	NEW LIST, EPA SAID PENNSYLVANIA UNLARGED							

Receipt Information  
Container ID: **10133 2774**  
Date: **6/10/09**  
Time: **1350**  
Signature: **HEX**

Notes:  
Correct container?  Y  
Correct sample volume?  Y  
Correct preservation?  Y  
Handspace/Voliles?  Y  
Container in good condition?  Y

ANALYSIS METHOD REQUESTED

Standard:  CLP-III  
NI-Reduced:   
NI-FUI:   
Other:

SPX Form:  Y  N  R  FA

ALS FIELD SERVICES  
Pickup:   
Labor:   
Composite Sampling:   
Refrid. Equipment:   
Other:



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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

Page 4 of 4  
CHAIN: FED EX  
Tracking #: 8704-1849-7266  
98508586

CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS  
ALL SHADDED AREAS MUST BE COMPLETED BY THE  
CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial/Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

**Co. Name:** PENNSYLVANIA TECTONICS, INC.  
**Contact (Person):** MARTIN GILGALLON  
**Address:** 826 MAIN STREET  
PECKVILLE PA 18452  
**Phone:** 570-487-1959

**Project Name/ID:** 21058, 04  
**ALSIS Quote #:**  
**Date Required:**  
**Approved By:**

**Sample Description/Location:**  

Sample No.	Sample Date	Quantity	Time	Matrix	Enter Number of Containers Per Analysis
1	6/20/10	1000	6:00	2	2
2	6/20/10	1000	6:00	2	2
3	6/20/10	1000	6:00	2	2
4	6/20/10	1035	6:00	2	2
5	6/20/10	1035	6:00	2	2
6	6/20/10	1035	6:00	2	2

**Comments:** NEW LIST, EPA 824, PENNSYLVANIA UNLEADED  
NEW LIST, EPA 846, PENNSYLVANIA UNLEADED  
NEW LIST, EPA 846, PENNSYLVANIA UNLEADED

**Special Information:**  

Correct containers?	Y
Correct sample volume?	Y
Received on test?	N
Correct preservation?	N
Headspace/Volume?	Y
Container in good condition?	N

**ALSIS FIELD SERVICES:**  
 Lab  
 Lab  
 Compendy Sampling  
 Rental Equipment  
 Other

**SWK:**  
 Standard  
 Q.P. 216  
 NI-Reduced  
 NI-FC  
 Other

**SWK Filtered:**  
 MC  
 NJ  
 NY  
 PA

**LOGGED (Signature):** [Signature]  
**REVIEWED BY (Signature):** [Signature]  
**Date:** 6/20/10  
**Time:** 1350

**Received By / Company Name:** [Signature]  
**Date:** 6/20/10  
**Time:** 0900



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**34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430**

## Certificate of Analysis

Project Name: 27058	Workorder: 9852588
Purchase Order:	Workorder ID: 27058.04

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

July 14, 2010

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Wednesday, June 30, 2010

ALSI is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager





**SAMPLE SUMMARY**

Workorder: 9852588 27058.04

Discard Date: 07/28/2010

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9852588001	Bright.B.Jun10.Treated	Drinking Water	6/29/10 07:00	6/30/10 09:05	Customer
9852588002	Bright.B.Jun10.Middle	Water	6/29/10 07:06	6/30/10 09:05	Customer
9852588003	Bright.B.Jun10.Raw	Water	6/29/10 07:11	6/30/10 09:05	Customer
9852588004	Lewis Home.Jun10.Treated	Drinking Water	6/29/10 07:29	6/30/10 09:05	Customer
9852588005	Lewis Home.Jun10.Middle	Water	6/29/10 07:34	6/30/10 09:05	Customer
9852588006	Lewis Home.Jun10.Raw	Water	6/29/10 07:42	6/30/10 09:05	Customer
9852588007	Tokarz.F.Jun10.Treated	Drinking Water	6/29/10 08:06	6/30/10 09:05	Customer
9852588008	Tokarz.F.Jun10.Middle	Water	6/29/10 08:15	6/30/10 09:05	Customer
9852588009	Tokarz.F.Jun10.Raw	Water	6/29/10 08:19	6/30/10 09:05	Customer
9852588010	Kowalski.W.Jun10.Treated	Drinking Water	6/29/10 08:33	6/30/10 09:05	Customer
9852588011	Kowalski.W.Jun10.Middle	Water	6/29/10 08:38	6/30/10 09:05	Customer
9852588012	Kowalski.W.Jun10.Raw	Water	6/29/10 08:42	6/30/10 09:05	Customer
9852588013	Kropiewnicki.R.Jun10.Treated	Drinking Water	6/29/10 09:00	6/30/10 09:05	Customer
9852588014	Kropiewnicki.R.Jun10.Middle	Water	6/29/10 09:04	6/30/10 09:05	Customer
9852588015	Kropiewnicki.R.Jun10.Raw	Water	6/29/10 09:10	6/30/10 09:05	Customer
9852588016	Kvaka.J.Jun10.Treated	Drinking Water	6/29/10 09:32	6/30/10 09:05	Customer
9852588017	Kvaka.J.Jun10.Middle	Water	6/29/10 09:37	6/30/10 09:05	Customer
9852588018	Kvaka.J.Jun10.Raw	Water	6/29/10 09:43	6/30/10 09:05	Customer
9852588019	Telesz.A.Jun10.Treated	Drinking Water	6/29/10 10:00	6/30/10 09:05	Customer
9852588020	Telesz.A.Jun10.Middle	Water	6/29/10 10:04	6/30/10 09:05	Customer
9852588021	Telesz.A.Jun10.Raw	Water	6/29/10 10:08	6/30/10 09:05	Customer
9852588022	Hryhorcoff.M.Jun10.Treated	Drinking Water	6/29/10 10:29	6/30/10 09:05	Customer
9852588023	Hryhorcoff.M.Jun10.Middle	Water	6/29/10 10:35	6/30/10 09:05	Customer
9852588024	Hryhorcoff.M.Jun10.Raw	Water	6/29/10 10:41	6/30/10 09:05	Customer
9852588025	King.H.Jun10.Treated	Drinking Water	6/29/10 11:00	6/30/10 09:05	Customer
9852588026	King.H.Jun10.Middle	Water	6/29/10 11:04	6/30/10 09:05	Customer
9852588027	King.H.Jun10.Raw	Water	6/29/10 11:10	6/30/10 09:05	Customer
9852588028	Nole.D.Jun10.Treated	Drinking Water	6/29/10 12:32	6/30/10 09:05	Customer
9852588029	Nole.D.Jun10.Middle	Water	6/29/10 12:37	6/30/10 09:05	Customer
9852588030	Nole.D.Jun10.Raw	Water	6/29/10 12:39	6/30/10 09:05	Customer
9852588031	Pascavage.M.Jun10.Treated	Drinking Water	6/29/10 13:07	6/30/10 09:05	Customer
9852588032	Pascavage.M.Jun10.Middle	Water	6/29/10 13:16	6/30/10 09:05	Customer
9852588033	Pascavage.M.Jun10.Raw	Water	6/29/10 13:20	6/30/10 09:05	Customer
9852588034	Rabel.P.Jun10.Treated	Drinking Water	6/29/10 12:54	6/30/10 09:05	Customer
9852588035	Rabel.P.Jun10.Middle	Water	6/29/10 12:58	6/30/10 09:05	Customer
9852588036	Rabel.P.Jun10.Raw	Water	6/29/10 13:02	6/30/10 09:05	Customer
9852588037	Trip Blank JL	Drinking Water	6/30/10 09:05	6/30/10 09:05	Customer



**SAMPLE SUMMARY**

Workorder: 9852588 27058.04

Discard Date: 07/28/2010

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
--------	-----------	--------	----------------	---------------	--------------

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - Indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588003

Date Collected: 6/29/2010 07:11

Matrix: Water

Sample ID: Bright.B.Jun10.Raw

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:18	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:18	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:18	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 01:18	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8280B		7/9/10 01:18	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:18	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 01:18	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:18	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:18	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	85.4		%	62-133	SW846 8260B		7/9/10 01:18	DD	A
4-Bromofluorobenzene (S)	106		%	79-114	SW846 8260B		7/9/10 01:18	DD	A
Dibromofluoromethane (S)	81.7		%	78-116	SW846 8260B		7/9/10 01:18	DD	A
Toluene-d8 (S)	92.1		%	76-127	SW846 8260B		7/9/10 01:18	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588002 Date Collected: 6/29/2010 07:06 Matrix: Water  
Sample ID: Bright.B.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 00:49	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 00:49	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 00:49	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 00:49	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 00:49	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 00:49	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 00:49	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 00:49	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 00:49	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.6		%	62-133	SW846 8260B		7/9/10 00:49	DD	A
4-Bromofluorobenzene (S)	105		%	79-114	SW846 8260B		7/9/10 00:49	DD	A
Dibromofluoromethane (S)	82.2		%	78-116	SW846 8260B		7/9/10 00:49	DD	A
Toluene-d8 (S)	93.1		%	76-127	SW846 8260B		7/9/10 00:49	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588001 Date Collected: 6/29/2010 07:00 Matrix: Drinking Water  
Sample ID: Bright.B.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/12/10 23:38	DJB	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/12/10 23:38	DJB	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/12/10 23:38	DJB	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/12/10 23:38	DJB	B
Naphthalene	ND	1	ug/L	1.0	EPA 524.2		7/12/10 23:38	DJB	B
Toluene	ND		ug/L	0.50	EPA 524.2		7/12/10 23:38	DJB	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/12/10 23:38	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/12/10 23:38	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/12/10 23:38	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	89.9		%	70-130	EPA 524.2		7/12/10 23:38	DJB	B
4-Bromofluorobenzene (S)	85.4		%	70-130	EPA 524.2		7/12/10 23:38	DJB	B

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588024 Date Collected: 6/29/2010 10:41 Matrix: Water  
Sample ID: Hryhorcoff.M.Jun10.Raw Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 14:30	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 14:30	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 14:30	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 14:30	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 14:30	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 14:30	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 14:30	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 14:30	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 14:30	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	82.4		%	62-133	SW846 8260B		7/9/10 14:30	MES	A
4-Bromofluorobenzene (S)	82		%	79-114	SW846 8260B		7/9/10 14:30	MES	A
Dibromofluoromethane (S)	92.7		%	78-116	SW846 8260B		7/9/10 14:30	MES	A
Toluene-d8 (S)	96.8		%	76-127	SW846 8260B		7/9/10 14:30	MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: **9852588023** Date Collected: 6/29/2010 10:35 Matrix: Water  
Sample ID: **Hryhorcoff.M.Jun10.Middle** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:13	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:13	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:13	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 11:13	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 11:13	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:13	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 11:13	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:13	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:13	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	82.4		%	62-133	SW846 8260B		7/9/10 11:13	MES	A
4-Bromofluorobenzene (S)	85.3		%	79-114	SW846 8260B		7/9/10 11:13	MES	A
Dibromofluoromethane (S)	90.4		%	78-116	SW846 8260B		7/9/10 11:13	MES	A
Toluene-d8 (S)	98.4		%	76-127	SW846 8260B		7/9/10 11:13	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: **9852588022** Date Collected: 6/29/2010 10:29 Matrix: Drinking Water  
Sample ID: **Hryhorcoff.M.Jun10.Treated** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:51	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:51	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:51	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 18:51	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:51	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:51	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 18:51	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:51	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:51	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	93.4		%	70-130	EPA 524.2		7/13/10 18:51	TMP	A
4-Bromofluorobenzene (S)	83.1		%	70-130	EPA 524.2		7/13/10 18:51	TMP	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588027

Date Collected: 6/29/2010 11:10

Matrix: Water

Sample ID: KIng.H.Jun10.Raw

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr	
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:03	MES A	
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:03	MES A	
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:03	MES A	
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 15:03	MES A	
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 15:03	MES A	
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:03	MES A	
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 15:03	MES A	
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:03	MES A	
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:03	MES A	
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>	
1,2-Dichloroethane-d4 (S)	85.7		%	62-133	SW846 8260B		7/9/10 15:03	MES A	
4-Bromofluorobenzene (S)	84.7		%	79-114	SW846 8260B		7/9/10 15:03	MES A	
Dibromofluoromethane (S)	92.3		%	78-116	SW846 8260B		7/9/10 15:03	MES A	
Toluene-d8 (S)	97.9		%	76-127	SW846 8260B		7/9/10 15:03	MES A	

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588026

Date Collected: 6/29/2010 11:04

Matrix: Water

Sample ID: King.H.Jun10.Middle

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8280B		7/9/10 11:46	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:46	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:46	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 11:46	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 11:46	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:46	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 11:46	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:46	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 11:46	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	83.6		%	62-133	SW846 8260B		7/9/10 11:46	MES	A
4-Bromofluorobenzene (S)	85.6		%	79-114	SW846 8260B		7/9/10 11:46	MES	A
Dibromofluoromethane (S)	90		%	78-116	SW846 8260B		7/9/10 11:46	MES	A
Toluene-d8 (S)	98.1		%	76-127	SW846 8260B		7/9/10 11:46	MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: **9852588025**  
Sample ID: **King.H.Jun10.Treated**

Date Collected: 6/29/2010 11:00  
Date Received: 6/30/2010 09:05

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:17	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:17	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:17	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 19:17	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:17	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:17	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 19:17	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:17	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:17	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	85.5		%	70-130	EPA 524.2		7/13/10 19:17	TMP	A
4-Bromofluorobenzene (S)	83.2		%	70-130	EPA 524.2		7/13/10 19:17	TMP	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



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**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588012

Date Collected: 6/29/2010 08:42

Matrix: Water

Sample ID: Kowalski.W.Jun10.Raw

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 04:13	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 04:13	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 04:13	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 04:13	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 04:13	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 04:13	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 04:13	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 04:13	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 04:13	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	86.6		%	62-133	SW846 8260B		7/9/10 04:13	DD	A
4-Bromofluorobenzene (S)	109		%	79-114	SW846 8260B		7/9/10 04:13	DD	A
Dibromofluoromethane (S)	82.6		%	78-116	SW846 8260B		7/9/10 04:13	DD	A
Toluene-d8 (S)	93.9		%	76-127	SW846 8260B		7/9/10 04:13	DD	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588011 Date Collected: 6/29/2010 08:38 Matrix: Water  
Sample ID: Kowalski.W.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:44	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:44	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:44	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 03:44	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 03:44	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:44	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 03:44	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:44	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:44	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.2		%	62-133	SW846 8260B		7/9/10 03:44	DD	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		7/9/10 03:44	DD	A
Dibromofluoromethane (S)	84		%	78-116	SW846 8260B		7/9/10 03:44	DD	A
Toluene-d8 (S)	93.5		%	76-127	SW846 8260B		7/9/10 03:44	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: **9852588010** Date Collected: 6/29/2010 08:33 Matrix: Drinking Water  
Sample ID: **Kowalski.W.Jun10.Treated** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:22	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:22	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:22	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 01:22	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:22	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:22	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 01:22	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:22	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 01:22	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	83.9		%	70-130	EPA 524.2		7/13/10 01:22	DJB	A
4-Bromofluorobenzene (S)	90.2		%	70-130	EPA 524.2		7/13/10 01:22	DJB	A

**Sample Comments:**

The method 524 internal standard was recovered outside of the control limits.

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588015 Date Collected: 6/29/2010 09:10 Matrix: Water  
Sample ID: Kroplewnicki.R.Jun10.Raw Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 05:11	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 05:11	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 05:11	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 05:11	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 05:11	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 05:11	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 05:11	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 05:11	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 05:11	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.9		%	62-133	SW846 8260B		7/9/10 05:11	DD	A
4-Bromofluorobenzene (S)	105		%	79-114	SW846 8260B		7/9/10 05:11	DD	A
Dibromofluoromethane (S)	82.5		%	78-116	SW846 8260B		7/9/10 05:11	DD	A
Toluene-d8 (S)	98.8		%	76-127	SW846 8260B		7/9/10 05:11	DD	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: **9852588014** Date Collected: 6/29/2010 09:04 Matrix: Water  
Sample ID: **Kropiewnicki.R.Jun10.Middle** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 08:52	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 08:52	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 08:52	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 08:52	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 08:52	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 08:52	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 08:52	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 08:52	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 08:52	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.1		%	62-133	SW846 8260B		7/9/10 08:52	MES	A
4-Bromofluorobenzene (S)	81.4		%	79-114	SW846 8260B		7/9/10 08:52	MES	A
Dibromofluoromethane (S)	89		%	78-116	SW846 8260B		7/9/10 08:52	MES	A
Toluene-d8 (S)	90.2		%	76-127	SW846 8260B		7/9/10 08:52	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588013 Date Collected: 6/29/2010 09:00 Matrix: Drinking Water  
Sample ID: Kropiewnicki.R.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:58	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:58	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:58	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 17:58	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:58	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:58	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 17:58	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:58	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 17:58	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	93.5		%	70-130	EPA 524.2		7/13/10 17:58	TMP	A
4-Bromofluorobenzene (S)	85.8		%	70-130	EPA 524.2		7/13/10 17:58	TMP	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588018 Date Collected: 6/29/2010 09:43 Matrix: Water  
Sample ID: Kvaka.J.Jun10.Raw Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:57	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:57	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:57	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 13:57	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 13:57	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:57	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 13:57	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:57	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 13:57	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.1		%	62-133	SW846 8260B		7/9/10 13:57	MES	A
4-Bromofluorobenzene (S)	88.3		%	79-114	SW846 8260B		7/9/10 13:57	MES	A
Dibromofluoromethane (S)	91		%	78-116	SW846 8260B		7/9/10 13:57	MES	A
Toluene-d8 (S)	97.7		%	76-127	SW846 8260B		7/9/10 13:57	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588017 Date Collected: 6/29/2010 09:37 Matrix: Water  
Sample ID: Kvaka.J.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:59	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:59	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:59	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 09:59	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 09:59	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:59	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 09:59	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:59	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:59	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.6		%	62-133	SW846 8260B		7/9/10 09:59	MES	A
4-Bromofluorobenzene (S)	83.3		%	79-114	SW846 8260B		7/9/10 09:59	MES	A
Dibromofluoromethane (S)	91.6		%	78-116	SW846 8260B		7/9/10 09:59	MES	A
Toluene-d8 (S)	90.8		%	76-127	SW846 8260B		7/9/10 09:59	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588016

Date Collected: 6/29/2010 09:32

Matrix: Drinking Water

Sample ID: Kvaka.J.Jun10.Treated

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 02:14	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 02:14	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 02:14	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 02:14	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 02:14	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 02:14	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 02:14	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 02:14	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 02:14	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	80.1		%	70-130	EPA 524.2		7/13/10 02:14	DJB	A
4-Bromofluorobenzene (S)	84.3		%	70-130	EPA 524.2		7/13/10 02:14	DJB	A

**Sample Comments:**

The method 524 internal standard was recovered outside of the control limits.

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588006 Date Collected: 6/29/2010 07:42 Matrix: Water  
Sample ID: Lewis Home.Jun10.Raw Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:17	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:17	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:17	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 02:17	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 02:17	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:17	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 02:17	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:17	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:17	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.9		%	62-133	SW846 8260B		7/9/10 02:17	DD	A
4-Bromofluorobenzene (S)	105		%	79-114	SW846 8260B		7/9/10 02:17	DD	A
Dibromofluoromethane (S)	86.3		%	78-116	SW846 8260B		7/9/10 02:17	DD	A
Toluene-d8 (S)	94.4		%	76-127	SW846 8260B		7/9/10 02:17	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588005 Date Collected: 6/29/2010 07:34 Matrix: Water  
Sample ID: Lewis Home.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:48	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:48	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:48	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 01:48	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 01:48	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:48	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 01:48	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:48	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 01:48	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.6		%	62-133	SW846 8260B		7/9/10 01:48	DD	A
4-Bromofluorobenzene (S)	106		%	79-114	SW846 8260B		7/9/10 01:48	DD	A
Dibromofluoromethane (S)	84.5		%	78-116	SW846 8260B		7/9/10 01:48	DD	A
Toluene-d8 (S)	94.4		%	76-127	SW846 8260B		7/9/10 01:48	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588004

Date Collected: 6/29/2010 07:29

Matrix: Drinking Water

Sample ID: Lewis Home..Jun10.Treated

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:04	DJB	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:04	DJB	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:04	DJB	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 00:04	DJB	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:04	DJB	B
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:04	DJB	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 00:04	DJB	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:04	DJB	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:04	DJB	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	87.4		%	70-130	EPA 524.2		7/13/10 00:04	DJB	B
4-Bromofluorobenzene (S)	82.2		%	70-130	EPA 524.2		7/13/10 00:04	DJB	B

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588030  
Sample ID: Note.D.Jun10.Raw

Date Collected: 6/29/2010 12:39  
Date Received: 6/30/2010 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:36	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:36	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:36	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 15:36	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 15:36	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:36	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 15:36	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:36	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 15:36	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	83.8		%	62-133	SW846 8260B		7/9/10 15:36	MES	A
4-Bromofluorobenzene (S)	81.3		%	79-114	SW846 8260B		7/9/10 15:36	MES	A
Dibromofluoromethane (S)	91.4		%	78-116	SW846 8260B		7/9/10 15:36	MES	A
Toluene-d8 (S)	96.9		%	76-127	SW846 8260B		7/9/10 15:36	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588029 Date Collected: 6/29/2010 12:37 Matrix: Water  
Sample ID: Nole.D.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:19	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:19	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:19	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 12:19	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 12:19	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:19	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 12:19	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:19	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:19	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	82.4		%	62-133	SW846 8260B		7/9/10 12:19	MES	A
4-Bromofluorobenzene (S)	83.3		%	79-114	SW846 8260B		7/9/10 12:19	MES	A
Dibromofluoromethane (S)	90.5		%	78-116	SW846 8260B		7/9/10 12:19	MES	A
Toluene-d8 (S)	98.2		%	76-127	SW846 8260B		7/9/10 12:19	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: **9852588028** Date Collected: 6/29/2010 12:32 Matrix: Drinking Water  
Sample ID: **Nole.D.Jun10.Treated** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:43	TMP A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:43	TMP A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:43	TMP A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 19:43	TMP A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:43	TMP A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:43	TMP A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 19:43	TMP A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:43	TMP A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 19:43	TMP A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	89.6		%	70-130	EPA 524.2		7/13/10 19:43	TMP A
4-Bromofluorobenzene (S)	84.9		%	70-130	EPA 524.2		7/13/10 19:43	TMP A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588033 Date Collected: 6/29/2010 13:20 Matrix: Water  
Sample ID: Pascavage.M.Jun10.Raw Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/10/10 00:02	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/10/10 00:02	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/10/10 00:02	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/10/10 00:02	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/10/10 00:02	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/10/10 00:02	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/10/10 00:02	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/10/10 00:02	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/10/10 00:02	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.9		%	62-133	SW846 8260B		7/10/10 00:02	DD	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		7/10/10 00:02	DD	A
Dibromofluoromethane (S)	84.3		%	78-116	SW846 8260B		7/10/10 00:02	DD	A
Toluene-d8 (S)	94.3		%	76-127	SW846 8260B		7/10/10 00:02	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: **9852588032** Date Collected: 6/29/2010 13:16 Matrix: Water  
Sample ID: **Pascavage.M.Jun10.Middle** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:52	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:52	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:52	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 12:52	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 12:52	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:52	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 12:52	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:52	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:52	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.6		%	62-133	SW846 8260B		7/9/10 12:52	MES	A
4-Bromofluorobenzene (S)	83.2		%	79-114	SW846 8260B		7/9/10 12:52	MES	A
Dibromofluoromethane (S)	89.9		%	78-116	SW846 8260B		7/9/10 12:52	MES	A
Toluene-d8 (S)	97.4		%	76-127	SW846 8260B		7/9/10 12:52	MES	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588031 Date Collected: 6/29/2010 13:07 Matrix: Drinking Water  
Sample ID: Pascavage.M.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:09	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:09	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:09	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 20:09	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:09	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:09	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 20:09	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:09	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:09	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	86.8		%	70-130	EPA 524.2		7/13/10 20:09	TMP	A
4-Bromofluorobenzene (S)	79.6		%	70-130	EPA 524.2		7/13/10 20:09	TMP	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588036

Date Collected: 6/29/2010 13:02

Matrix: Water

Sample ID: Rabel.P.Jun10.Raw

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:04	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:04	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:04	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 23:04	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 23:04	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:04	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 23:04	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:04	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:04	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90		%	62-133	SW846 8260B		7/9/10 23:04	DD	A
4-Bromofluorobenzene (S)	112		%	79-114	SW846 8260B		7/9/10 23:04	DD	A
Dibromofluoromethane (S)	84.5		%	78-116	SW846 8260B		7/9/10 23:04	DD	A
Toluene-d8 (S)	98		%	76-127	SW846 8260B		7/9/10 23:04	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9852588 27058.04

Lab ID: 9852588035

Date Collected: 6/29/2010 12:58

Matrix: Water

Sample ID: Rabel.P.Jun10.Middle

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:33	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:33	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:33	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 23:33	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 23:33	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:33	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 23:33	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:33	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 23:33	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.2		%	62-133	SW846 8260B		7/9/10 23:33	DD	A
4-Bromofluorobenzene (S)	108		%	79-114	SW846 8260B		7/9/10 23:33	DD	A
Dibromofluoromethane (S)	81.7		%	78-116	SW846 8260B		7/9/10 23:33	DD	A
Toluene-d8 (S)	93.8		%	76-127	SW846 8260B		7/9/10 23:33	DD	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588034 Date Collected: 6/29/2010 12:54 Matrix: Drinking Water  
Sample ID: Rabel.P.Jun10.Treated Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:35	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:35	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:35	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 20:35	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:35	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:35	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 20:35	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:35	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 20:35	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	85.1		%	70-130	EPA 524.2		7/13/10 20:35	TMP	A
4-Bromofluorobenzene (S)	86.5		%	70-130	EPA 524.2		7/13/10 20:35	TMP	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager





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**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588019

Date Collected: 6/29/2010 10:00

Matrix: Drinking Water

Sample ID: Telesz.A.Jun10.Treated

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:25	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:25	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:25	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 18:25	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:25	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:25	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 18:25	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:25	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 18:25	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	91.5		%	70-130	EPA 524.2		7/13/10 18:25	TMP	A
4-Bromofluorobenzene (S)	80.1		%	70-130	EPA 524.2		7/13/10 18:25	TMP	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

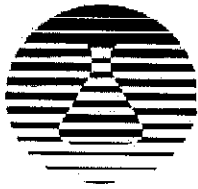
Workorder: 9852588 27058.04

Lab ID: 9852588020 Date Collected: 6/29/2010 10:04 Matrix: Water  
Sample ID: Telesz.A.Jun10.Middle Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:26	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:26	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:26	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 09:26	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 09:26	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:26	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 09:26	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:26	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 09:26	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91.1		%	62-133	SW846 8260B		7/9/10 09:26	MES	A
4-Bromofluorobenzene (S)	84.9		%	79-114	SW846 8260B		7/9/10 09:26	MES	A
Dibromofluoromethane (S)	87		%	78-116	SW846 8260B		7/9/10 09:26	MES	A
Toluene-d8 (S)	89.2		%	76-127	SW846 8260B		7/9/10 09:26	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: **9852588021**  
Sample ID: **Telesz.A.Jun10.Raw**

Date Collected: 6/29/2010 10:08  
Date Received: 6/30/2010 09:05

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:46	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:46	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:46	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 12:46	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 12:46	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:46	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 12:46	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:46	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 12:46	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.6		%	62-133	SW846 8260B		7/9/10 12:46	MES	A
4-Bromofluorobenzene (S)	89		%	79-114	SW846 8260B		7/9/10 12:46	MES	A
Dibromofluoromethane (S)	86.4		%	78-116	SW846 8260B		7/9/10 12:46	MES	A
Toluene-d8 (S)	92.6		%	76-127	SW846 8260B		7/9/10 12:46	MES	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588009 Date Collected: 6/29/2010 08:19 Matrix: Water  
Sample ID: Tokarz.F.Jun10.Raw Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:15	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:15	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:15	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 03:15	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 03:15	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:15	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 03:15	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:15	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 03:15	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.5		%	62-133	SW846 8260B		7/9/10 03:15	DD	A
4-Bromofluorobenzene (S)	106		%	79-114	SW846 8260B		7/9/10 03:15	DD	A
Dibromofluoromethane (S)	82.7		%	78-116	SW846 8260B		7/9/10 03:15	DD	A
Toluene-d8 (S)	95.1		%	76-127	SW846 8260B		7/9/10 03:15	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588008

Date Collected: 6/29/2010 08:15

Matrix: Water

Sample ID: Tokarz.F.Jun10.Middle

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:46	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:46	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:46	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		7/9/10 02:46	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		7/9/10 02:46	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:46	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		7/9/10 02:46	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:46	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		7/9/10 02:46	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.3		%	62-133	SW846 8260B		7/9/10 02:46	DD	A
4-Bromofluorobenzene (S)	110		%	79-114	SW846 8260B		7/9/10 02:46	DD	A
Dibromofluoromethane (S)	82.8		%	78-116	SW846 8260B		7/9/10 02:46	DD	A
Toluene-d8 (S)	93.8		%	76-127	SW846 8260B		7/9/10 02:46	DD	A

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: **9852588007** Date Collected: 6/29/2010 08:06 Matrix: Drinking Water  
Sample ID: **Tokarz.F.Jun10.Treated** Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:56	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:56	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:56	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/13/10 00:56	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:56	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:56	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/13/10 00:56	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:56	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/13/10 00:56	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	81.3		%	70-130	EPA 524.2		7/13/10 00:56	DJB	A
4-Bromofluorobenzene (S)	86.6		%	70-130	EPA 524.2		7/13/10 00:56	DJB	A

**Sample Comments:**

The method 524 internal standard was recovered outside of the control limits.

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9852588 27058.04

Lab ID: 9852588037

Date Collected: 6/30/2010 09:05

Matrix: Drinking Water

Sample ID: Trip Blank JL

Date Received: 6/30/2010 09:05

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		7/14/10 02:16	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		7/14/10 02:16	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		7/14/10 02:16	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		7/14/10 02:16	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		7/14/10 02:16	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		7/14/10 02:16	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		7/14/10 02:16	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/14/10 02:16	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		7/14/10 02:16	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	76.3		%	70-130	EPA 524.2		7/14/10 02:16	DJB	A
4-Bromofluorobenzene (S)	73.2		%	70-130	EPA 524.2		7/14/10 02:16	DJB	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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## ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9852588 27058.04

---

### PARAMETER QUALIFIERS\FLAGS

- [1] The reporting limit for this compound was raised due to contamination present due from a previously analyzed sample.





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Page 1 of 7  
 Courier: **FED EX**  
 Tracking #: **8704-1844-7246**

## CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
 Environmental • Industrial Hygiene • Field Services  
 34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS, INC.**  
 Contact person: **MARTIN GILGALLON**  
 Address: **826 MAIN STREET PECKVILLE PA 18454**  
 Phone: **570-487-1959**

Project Name#: **21058.DH**  
 ALSI Quote #: \_\_\_\_\_  
 Date Required: \_\_\_\_\_  
 Approved By: \_\_\_\_\_

Bill to (if different than Requester):  
 PO# \_\_\_\_\_

Sample Description/Location  
 (List well logging or test log ref.)

Sample No.	Sample Date	Military Time	COC Comments	Received By / Company Name	Date	Time
1	6/10/06	6:00	PENSYLVANIA UNDERGROUND NEW LIST, EPA 824.2	Terry Luchansky	6/10/06	1350
2	6/10/06	6:00	PENSYLVANIA UNDERGROUND NEW LIST, EPA 824.2	Terry Luchansky	6/10/06	1350
3	6/10/06	6:00	PENSYLVANIA UNDERGROUND NEW LIST, EPA 824.2	Terry Luchansky	6/10/06	1350
4	6/10/06	6:00	LEAD'S HOME, JUNIOR, TREATED	Terry Luchansky	6/10/06	1350
5	6/10/06	6:00	LEAD'S HOME, JUNIOR, MIDDLE	Terry Luchansky	6/10/06	1350
6	6/10/06	6:00	LEAD'S HOME, JUNIOR, RAW	Terry Luchansky	6/10/06	1350
7						
8						
9						

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Analysis

Container Type	Quantity	Analysis Method
6.6 G/L	2	As Requested
40ML HDPE	2	As Requested
100ML HDPE	2	As Requested

RECEIPT INFORMATION

Received by: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Signature: \_\_\_\_\_

ANALYSIS INFORMATION

Correct container?  Y  N  
 Correct sample volume?  Y  N  
 Correct preservation?  Y  N  
 Headspace/Voliles?  Y  N  
 Container in good condition?  Y  N

ALS FIELD SERVICES

Phase:  Phase  Labor  Composite Sampling  Special Equipment  Other



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Page 2 of 7  
Client: **FED EX**  
Tracking #: **8704-1849-7864**  
**98 Spots 88**

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
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34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECHNOLOGICS INC**  
Contact (person): **MARTIN GILGALLON**  
Address: **826 MAIN STREET  
PECKVILLE PA 18454**  
Phone: **570-487-1959**

Project Name: **A7058.04**  
Date Required: \_\_\_\_\_  
Approval By: \_\_\_\_\_  
Date Required: \_\_\_\_\_  
Approval By: \_\_\_\_\_

Sample Description/Location: **1) TOKARZ, F. JUNIOR, TREATED**  
**2) TOKARZ, F. JUNIOR, MINE**  
**3) TOKARZ, F. JUNIOR, RAW**  
**4) KOWALSKI, W. JUNIOR, TREATED**  
**5) KOWALSKI, W. JUNIOR, MINE**  
**6) KOWALSKI, W. JUNIOR, RAW**

Sample No.	Sample Date	Sample Time	Matrix	Enter Number of Containers Per Analysis
1	6/24/10	0856	G DW	2
2	6/24/10	0815	G DW	2
3	6/24/10	0819	G DW	2
4	6/24/10	0833	G DW	2
5	6/24/10	0858	G DW	2
6	6/24/10	0840	G DW	2

LOGGED BY (Please Print):	RECEIVED BY (Please Print):	Date	Time	Received By / Company Name	Date	Time
Jerry Luchinsky	Jerry Luchinsky	6.24.10	1350	PA Technics	6/30/10	1350

Receipt Information  
 Located in Section: \_\_\_\_\_  
 Container No.: \_\_\_\_\_  
 Container Temp.: \_\_\_\_\_  
 Therm. ID: 109337724  
 No. of Coolers: \_\_\_\_\_  
 Hobart: \_\_\_\_\_

Container in good condition?  Y  N  
 COO checks completed/accurate?  Y  N  
 Received on leaf?  Y  N  
 Correct sample volume?  Y  N  
 Correct containers?  Y  N  
 Correct seals/Presert?  Y  N  
 Correct labels?  Y  N  
 Circle appropriate Y or N

ALSIFIELD SERVICES  
 PHEP  
 LABOR  
 Composite Sampling  
 Rental Equipment  
 Other

DATA DERIVABLES  
 Standard  
 CL P/LO  
 NI-Reduced  
 NI-Full  
 Other  
 Other

1000 Criteria Required?  
 YES  
 NO

ANALYSES/METHOD REQUESTED

Bill to (if different from above):  
 PO#: \_\_\_\_\_  
 Project Name: A7058.04  
 Date Required: \_\_\_\_\_  
 Approval By: \_\_\_\_\_



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Page 3 of 7  
Center: FED EX  
Tracking #: 98502588  
8104-1899-7660

CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS  
ALL SHADED AREAS MUST BE COMPLETED BY THE  
CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Pesticide  
34 Dogwood Lane - Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: PENNSYLVANIA TECTONICS INC  
Contact (Phone): MARTA GILGALLON  
Address: 326 MAIN STREET  
PECKVILLE PA 1845A  
Phone: 570-487-1959

Project Name#: 27058.04  
TAT:  Normal/Standard TAT is 10-12 business days.  
Email:  Rush Subject to ALSI approval and surcharges.  
PO#:   
ALS I Quote #:   
Data Required:   
Approved By:   
HST@TECTONICS.COM

Sample Description/Location <small>(as it will appear on the Laboratory)</small>	Sample Date	Military Time	COC Comments
1 KRUPIENICKI, R. JUNIOR TREATED	6/20/10	0900	6 DW 2
2 KRUPIENICKI, R. JUNIOR MIDDLE	6/20/10	0904	6 DW 2
3 KRUPIENICKI, R. JUNIOR RAW	6/20/10	0910	6 DW 2
4 KYARA, J. JUNIOR TREATED	6/20/10	0932	6 DW 2
5 KYARA, J. JUNIOR MIDDLE	6/20/10	0937	6 DW 2
6 KYARA, J. JUNIOR RAW	6/20/10	0943	6 DW 2
7			
8			

LOGGED BY/Signature:	REVIEWED BY/Signature:	Date	Time	Received By / Company Name	Date	Time
Jerry Luchansky		6/24/10	1350			
		6/24/10	1350			

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Analysis

Container Type	Container Size	Preservation	Enter Number of Containers Per Analysis
CG	100		
100ml	100ml		
100ml	100ml		

RECEIPT INFORMATION

Container in good condition?  Y  N

COC labels completed/accurate?  Y  N

Received on ice?  Y  N

(if present) Seals intact?  Y  N

Correct sample volume?  Y  N

Correct containers?  Y  N

Handpack/Voluntas?  Y  N

Circle appropriate Y or N.

ALSIFIELD SERVICES

Priority  Labor  Composite Sample  Rental Equipment  Other

COG Criteria Required?  YES  NO

DATA DELIVERABLES

Standard  QLP-File  ALL-Reduced  ALL-Full  YES  NO

State Sample Multiplied by  YES  NO

Matrix: Aqueous, Drinking Water, WWT Groundwater, ORO, OLR, OLR-Liquid, SL-Swage, SO-Soil, WFI-Water, WWT-Sewer

Container Type: A0-Ambor-Glass, A1-Clear-Glass, PA-Plastic, Composite Size: 20ml, 50ml, 1L, 5oz, etc. Preparation: HCl, HNO3, H2O2, N2OH, etc.

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Page 4 of 7  
Cautions: FEB EX  
Tasking # 8704-1849-7ab6  
965000588

CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS  
ALL SHADED AREAS MUST BE COMPLETED BY THE  
CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: PENNSYLVANIA TECNIONICS INC  
Contact (Phone/Fax): MARTIN GILGALLON  
Address: 826 MAIN STREET PECKVILLE PA 18453  
Phone: 570-487-1959

Project Name: 27058.04  
ALSIS Quote #: 27058.04  
TAT:  Normal Standard TAT is 10-12 business days.  
E-mail?  Y  N  
Fax?  Y  N

Sample Description | Location | COC Comments | Sample Date | Military Time

1	TELESZ, A. JUNIOR, TREATED		6/29/10	1000
2	TELESZ, A. JUNIOR, MIDDLE		6/29/10	1004
3	TELESZ, A. JUNIOR, RAW		6/29/10	1008
4	HEYHORECOFF, M. JUNIOR, TREATED		6/29/10	1014
5	HEYHORECOFF, M. JUNIOR, MIDDLE		6/29/10	1015
6	HEYHORECOFF, M. JUNIOR, RAW		6/29/10	1041
7				
8				

LOOSED BY (Please Print): [Signature]  
REMOVED BY (Please Print): [Signature]

Date: 6/29/10 1350  
Received By / Company Name: [Signature] PA Tecnionics  
Date: 6/29/10 0800

Container Type: 66-Can Glass, P.U. Plastic. Container Size: 200ml, 500ml, 1L, 500, 1L, 500, etc. Preservative: HCl, HNO3, H2O2, etc.

Request for Analysis

Receipt Information  
Received by (Name): [Signature]  
Received by (Title): [Signature]  
Received Date: [Signature]  
Correct preservation?  Y  N  
Correct sample volume?  Y  N  
Correct container?  Y  N  
COC labels complete/accurate?  Y  N  
Container in good condition?  Y  N

ANALYSIS METHOD REQUESTED

Enter Number of Containers Per Analysis

ALSIS FIELD SERVICES  
Heavy   
Labor   
Composite Sampling   
Rapid Equipment   
Other

Report ID: 9852588

Page 45 of 48



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Page 5 of 7  
Counter: **FEX EX**  
Trading #: **8204-1849-7204**

**CHAIN OF CUSTODY!**  
**REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services  
24 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECHNOLOGICS INC**  
Contact (Phone): **MARTIN GILGALLON** Phone: **570-487-1959**  
Address: **820 MAIN STREET**  
**PECKVILLE PA 18452**

Bill to (if different from client):  
PO#: \_\_\_\_\_  
Project Name#: **27058.04** ALSI Quote #: \_\_\_\_\_  
TAT:  Normal-Standard TAT is 30-42 business days. Date Required: \_\_\_\_\_  
 Rush-Subject to ALSI approval and surcharges. Approved By: \_\_\_\_\_

Email?  Yes  No  
Fax?  Yes  No  
Sample Description/Location (as listed appears on the lab report):  
**PA TECHNOLOGICS @ HOTMAIL.COM**

Sample No.	Sample Date	Sample Time	COC Comments
1	6/28/10	1100	6 DW 2
2	6/28/10	1104	6 DW 2
3	6/28/10	1110	6 DW 2
4	6/28/10	1232	6 DW 2
5	6/28/10	1237	6 DW 2
6	6/28/10	1239	6 DW 2

Sample No.	Date	Time	Received By / Company Name
1	6/28/10	1350	Jerry Luchansky
3	6/28/10	1350	Jerry Luchansky PA Technologies
5			
7			
9			

ANALYSIS METHOD REQUESTED

Enter Number of Containers Per Analysis

Correct containers?	Y	6
Correct sample volume?	Y	6
Received on ice?	N	0
COA/alpha complete/assure?	N	0
Container in good condition?	N	0

Receipt Information (Available by Sample Invoicing):  
 Instrument: \_\_\_\_\_  
 Operator: \_\_\_\_\_  
 Thru: \_\_\_\_\_  
 From: \_\_\_\_\_  
 No. of Cores: \_\_\_\_\_  
 Notes: \_\_\_\_\_

ALSI FIELD SERVICES:  
 Pickup  
 Labor  
 Composite Sampling  
 Special Equipment  
 Other

1 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water  
 2 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water  
 3 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water  
 4 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water  
 5 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water  
 6 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water  
 7 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water  
 8 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water  
 9 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water  
 10 - Matrix: a) in/on Groundwater; b) in/on Air; c) in/on Soil; d) in/on Water



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Page 6 of 7  
Order: FED EX  
Tracking #: 8104-1844-1406

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

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Environmental • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax 717-944-1430

Co. Name: PENNSYLVANIA TECHNOLOGICS INC  
Contact Report for: MARTIN GILWALLON  
Address: 826 MAIN STREET  
PECKVILLE PA 18452  
Phone: 570-487-1959

PO#: \_\_\_\_\_  
Project Name#: 27058.04  
ALS Quote #: \_\_\_\_\_  
TAT:  Normal-Standard TAT is 14-21 business days.  
 Rush-Subject to ALS approval and surcharges.  
Date Repl. rec.: \_\_\_\_\_  
Approved By: \_\_\_\_\_

Email:  Y  
Fax:  Y  
Sample Description/Location: **PA TECHNOLOGICS @ HOTMAIL.COM**

Sample No.	Sample Date	Military Time	COC Comments
1	6/29/10	1307	6-DW 2
2	6/29/10	1316	6-DW 2
3	6/29/10	1320	6-DW 2
4			
5			
6			
7			
8			

SAMPLED BY (Please Print): **Jerry Luchinsky**  
Relinquished By / Company Name: **PA Technol**  
Date: **6-29-10** Time: **1350**  
Received By / Company Name: **PA Technol**  
Date: **6/30/10** Time: **1558**

Container No.	Type	Site	Preservation	ANALYSES/METHOD REQUESTED	Enter Number of Containers Per Analysis
1	6.6	6.6	None	NEW LIST, EPA 824-B, PENNSYLVANIA UNDERB	2
2	6.6	6.6	None	NEW LIST, EPA 824-B, PENNSYLVANIA UNDERB	2
3	6.6	6.6	None	NEW LIST, EPA 824-B, PENNSYLVANIA UNDERB	2
4					
5					
6					
7					
8					

Receipt Information Analytical Method: _____ Sample ID: _____ Order Temp: _____ Term. ID: _____ No. of Coolers: _____ Notes: _____	Correct test/retests? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Correct sample volume? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Correct preservation? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Headspace/Volatiles? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Container in good condition? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Also Field Services: Packup <input type="checkbox"/> Labor <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment <input type="checkbox"/> Other <input type="checkbox"/>	State Sample Submittal: SD <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> PA <input checked="" type="checkbox"/>	Standard: EPA <input checked="" type="checkbox"/> NJ-Reg <input type="checkbox"/> NJ-Flu <input type="checkbox"/> Other <input type="checkbox"/>	SEMA: Sema/No <input type="checkbox"/> Sema/Yes <input type="checkbox"/>	EDS: Kuplet <input type="checkbox"/> Type, Serial type: _____	000 Criteria Required? <input type="checkbox"/>





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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

## Certificate of Analysis

Project Name: 27058	Workorder: 9858594
Purchase Order:	Workorder ID: 27058

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

August 12, 2010

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 05, 2010

ALSI is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager





**SAMPLE SUMMARY**

Workorder: 9858594 27058

Discard Date: 08/26/2010

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9858594001	Kalinowski.K.Jun10 Treated	Drinking Water	8/3/10 07:32	8/5/10 09:15	Customer
9858594002	Kalinowski.K.Jun10 Middle	Water	8/3/10 07:34	8/5/10 09:15	Customer
9858594003	Kalinowski.K.Jun10 Raw	Water	8/3/10 07:36	8/5/10 09:15	Customer
9858594004	Kovaleski.K.Jun10 Treated	Drinking Water	8/3/10 08:02	8/5/10 09:15	Customer
9858594005	Kovaleski.K.Jun10 Middle	Water	8/3/10 08:04	8/5/10 09:15	Customer
9858594006	Kovaleski.K.Jun10 Raw	Water	8/3/10 08:06	8/5/10 09:15	Customer
9858594007	Crossley.B.Jun10 Treated	Drinking Water	8/3/10 08:32	8/5/10 09:15	Customer
9858594008	Crossley.B.Jun10 Middle	Water	8/3/10 08:35	8/5/10 09:15	Customer
9858594009	Crossley.B.Jun10 Raw	Water	8/3/10 08:38	8/5/10 09:15	Customer

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- N Indicates presumptive evidence of the presence of a compound
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



**ANALYTICAL RESULTS**

Workorder: 9858594 27058

Lab ID: 9858594009

Date Collected: 8/3/2010 08:38

Matrix: Water

Sample ID: Crossley.B.Jun10 Raw

Date Received: 8/5/2010 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	4.0		ug/L	1.0	SW846 8260B		8/11/10 22:01	DD	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 22:01	DD	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 22:01	DD	B
Methyl t-Butyl Ether	6.9		ug/L	1.0	SW846 8260B		8/11/10 22:01	DD	B
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/11/10 22:01	DD	B
Toluene	ND		ug/L	1.0	SW846 8260B		8/11/10 22:01	DD	B
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/11/10 22:01	DD	B
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 22:01	DD	B
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 22:01	DD	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	78.5		%	62-133	SW846 8260B		8/11/10 22:01	DD	B
4-Bromofluorobenzene (S)	96.3		%	79-114	SW846 8260B		8/11/10 22:01	DD	B
Dibromofluoromethane (S)	81.5		%	78-116	SW846 8260B		8/11/10 22:01	DD	B
Toluene-d8 (S)	91.8		%	76-127	SW846 8260B		8/11/10 22:01	DD	B

**Sample Comments:**

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9858594 27058

Lab ID: **9858594008** Date Collected: 8/3/2010 08:35 Matrix: Water  
Sample ID: **Crossley.B.Jun10 Middle** Date Received: 8/5/2010 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:45	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:45	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:45	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/11/10 03:45	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/11/10 03:45	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:45	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/11/10 03:45	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:45	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:45	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	78.3		%	62-133	SW846 8260B		8/11/10 03:45	DJB	A
4-Bromofluorobenzene (S)	83		%	79-114	SW846 8260B		8/11/10 03:45	DJB	A
Dibromofluoromethane (S)	78		%	78-116	SW846 8260B		8/11/10 03:45	DJB	A
Toluene-d8 (S)	88.2		%	76-127	SW846 8260B		8/11/10 03:45	DJB	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9858594 27058

Lab ID: 9858594007 Date Collected: 8/3/2010 08:32 Matrix: Drinking Water  
Sample ID: Crossley.B.Jun10 Treated Date Received: 8/5/2010 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:58	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:58	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:58	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/10/10 00:58	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:58	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:58	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/10/10 00:58	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:58	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:58	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	81.3		%	70-130	EPA 524.2		8/10/10 00:58	DJB	A
4-Bromofluorobenzene (S)	80.9		%	70-130	EPA 524.2		8/10/10 00:58	DJB	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9858594 27058

Lab ID: 9858594003

Date Collected: 8/3/2010 07:36

Matrix: Water

Sample ID: Kalinowski.K.Jun10 Raw

Date Received: 8/5/2010 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:12	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:12	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:12	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/11/10 04:12	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/11/10 04:12	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:12	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/11/10 04:12	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:12	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:12	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	76.3		%	62-133	SW846 8260B		8/11/10 04:12	DJB	A
4-Bromofluorobenzene (S)	81.4		%	79-114	SW846 8260B		8/11/10 04:12	DJB	A
Dibromofluoromethane (S)	83.4		%	78-116	SW846 8260B		8/11/10 04:12	DJB	A
Toluene-d8 (S)	87.5		%	76-127	SW846 8260B		8/11/10 04:12	DJB	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9858594 27058

Lab ID: **9858594002**

Date Collected: 8/3/2010 07:34

Matrix: Water

Sample ID: **Kalinowski.K.Jun10 Middle**

Date Received: 8/5/2010 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/11/10 02:51	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 02:51	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 02:51	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/11/10 02:51	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/11/10 02:51	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/11/10 02:51	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/11/10 02:51	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 02:51	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 02:51	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	81.6		%	62-133	SW846 8260B		8/11/10 02:51	DJB	A
4-Bromofluorobenzene (S)	87.3		%	79-114	SW846 8260B		8/11/10 02:51	DJB	A
Dibromofluoromethane (S)	81.9		%	78-116	SW846 8260B		8/11/10 02:51	DJB	A
Toluene-d8 (S)	89.4		%	76-127	SW846 8260B		8/11/10 02:51	DJB	A

**Sample Comments:**

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9858594 27058

Lab ID: 9858594001

Date Collected: 8/3/2010 07:32

Matrix: Drinking Water

Sample ID: Kalinowski.K.Jun10 Treated

Date Received: 8/5/2010 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/9/10 23:56	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/9/10 23:56	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/9/10 23:56	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/9/10 23:56	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/9/10 23:56	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/9/10 23:56	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/9/10 23:56	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/9/10 23:56	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/9/10 23:56	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	80.6		%	70-130	EPA 524.2		8/9/10 23:56	DJB	A
4-Bromofluorobenzene (S)	83.6		%	70-130	EPA 524.2		8/9/10 23:56	DJB	A

Sample Comments:

Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9858594 27058

Lab ID: 9858594006

Date Collected: 8/3/2010 08:06

Matrix: Water

Sample ID: Kovaleski.K.Jun10 Raw

Date Received: 8/5/2010 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:39	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:39	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:39	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/11/10 04:39	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/11/10 04:39	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:39	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/11/10 04:39	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:39	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 04:39	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	79.1		%	62-133	SW846 8260B		8/11/10 04:39	DJB	A
4-Bromofluorobenzene (S)	87.4		%	79-114	SW846 8260B		8/11/10 04:39	DJB	A
Dibromofluoromethane (S)	83.9		%	78-116	SW846 8260B		8/11/10 04:39	DJB	A
Toluene-d8 (S)	91		%	76-127	SW846 8260B		8/11/10 04:39	DJB	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager





ANALYTICAL RESULTS

Workorder: 9858594 27058

Lab ID: 9858594005

Date Collected: 8/3/2010 08:04

Matrix: Water

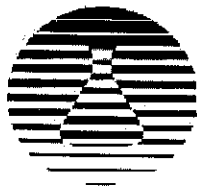
Sample ID: Kovaleski.K.Jun10 Middle

Date Received: 8/5/2010 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:18	DJB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:18	DJB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:18	DJB	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/11/10 03:18	DJB	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/11/10 03:18	DJB	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:18	DJB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/11/10 03:18	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:18	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/11/10 03:18	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	80.1		%	62-133	SW846 8260B		8/11/10 03:18	DJB	A
4-Bromofluorobenzene (S)	90.4		%	79-114	SW846 8260B		8/11/10 03:18	DJB	A
Dibromofluoromethane (S)	84		%	78-116	SW846 8260B		8/11/10 03:18	DJB	A
Toluene-d8 (S)	95.1		%	76-127	SW846 8260B		8/11/10 03:18	DJB	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



**ANALYTICAL RESULTS**

Workorder: 9858594 27058

Lab ID: 9858594004

Date Collected: 8/3/2010 08:02

Matrix: Drinking Water

Sample ID: Kovalski.K.Jun10 Treated

Date Received: 8/5/2010 09:15

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:31	DJB	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:31	DJB	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:31	DJB	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/10/10 00:31	DJB	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:31	DJB	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:31	DJB	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/10/10 00:31	DJB	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:31	DJB	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/10/10 00:31	DJB	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	78.5		%	70-130	EPA 524.2		8/10/10 00:31	DJB	A
4-Bromofluorobenzene (S)	78.2		%	70-130	EPA 524.2		8/10/10 00:31	DJB	A

**Sample Comments:**

Anna G Milliken  
Laboratory Manager



# ANALYTICAL LABORATORY SERVICES, INC.

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Page 1 of 2  
Center: FEASBY  
Tracking #: 8704-1849-24

CHAIN OF CUSTODY!  
REQUEST FOR ANALYSIS  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
Environmental • Industrial Hygiene • Field Services  
34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: PENNSYLVANIA TECTONICS INC  
Contact: MARTIN GILGALLON  
Address: 836 MAIN STREET  
PECKVILLE PA 18454  
Phone: 570 487-1959

Project Name #: 27088.04  
ALSIS Quote #:  
Date Required:  
Approved By:  
Email: PTECTONICS@HOTMAIL.COM

Container Type: L6 L6  
Operator: HCL HCL  
Site: 4000L 4000L  
Preservative: HCL HCL  
Therm. ID: 1039224  
No. of Coolant:  
Notes:

Correct containers?	Y	N
Correct sample volume?	Y	N
Correct preservation?	Y	N
Headspace/Volume?	Y	N
Container in good condition?	Y	N

Sample Description/Location	COC Comments	Sample Date	Withdraw Time	Enter Number of Containers Per Analysis
1 KALINOSKI, K. JUNIOR, TREATED		7/3/10 0733	6:00	2
2 KALINOSKI, K. JUNIOR, MIDDLE		7/3/10 0734	6:00	2
3 KALINOSKI, K. JUNIOR, ROW		7/3/10 0736	6:00	2
4 KOVALESKI, K. JUNIOR, TREATED		7/3/10 0802	6:00	2
5 KOVALESKI, K. JUNIOR, MIDDLE		7/3/10 0804	6:00	2
6 KOVALESKI, K. JUNIOR, ROW		7/3/10 0806	6:00	2
7				
8				

SAMPLER (Please Print)	LOGGED BY (Signature)		REVIEWED BY (Signature)	
	Date	Time	Date	Time
K. CUCURA	8.4.10	1438		

Standard:  Standard  CLP-1s  NA-Reduced  NA-Fill  Other  
 Data Deliverables:  Y  N  
 ALSI FIELD SERVICES:  Repair  Labor  Composite Sampling  Rental Equipment  Other  
 DOD Orders Received:  YES  NO



# ANALYTICAL LABORATORY SERVICES, INC.

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Page 2 of 2  
 Counter: **FEDEX**  
 Tracking #: **8704-1849-1220**  
**9888894**

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

Analytical Laboratory Services, Inc.  
 Environmental • Industrial Hygiene • Field Services  
 34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS INC.**  
 Contact (Person): **MARTIN GILGALLON**  
 Address: **820 MAIN STREET PECKVILLE PA 18452**  
 Phone: **570-487-1954**

Bill to (if different than Requestor): **POB**

Project Name#: **27058.014** ALBI Quote #: \_\_\_\_\_  
 Date Required: \_\_\_\_\_  
 Approved By: \_\_\_\_\_

TAX:  Normal Standard TAX is 10-12 business days.  
 Rush-Subject to ALS approval and surcharge.

Email: **XV PATECTONICS@HOTMAIL.COM**

ANALYSES/METHOD REQUESTED

Container Type	Sample Matrix	Enter Number of Containers Per Analysis
C-6 C-6	NEW KENT, EPA 524.3 PENNSYLVANIA UNLIMATED	6 DA 2
WATER	NEW KENT, EPA 524.3 PENNSYLVANIA UNLIMATED	6 DA 2
WATER	NEW KENT, EPA 524.3 PENNSYLVANIA UNLIMATED	6 DA 2

Sample No.	Sample Date	Military Time	COC Comments
1	8/10/03	0833	6 DA 2
2	8/10/03	0835	6 DA 2
3	8/10/03	0838	6 DA 2
4			
5			
6			
7			
8			

SAMPLED BY (Please Print): **K. CUCUOA**

LOGGED BY (Signature): \_\_\_\_\_

REMOVED BY (Signature): \_\_\_\_\_

Date	Time	Received By / Company Name	Date	Time
8.4.03	1430	FEDEX #8704-1849-1220	8.9.03	1430
			8/10/03	

RECEIPT INFORMATION

Container Type: **C-6**

Therm. ID: **10582704**

No. of Containers: \_\_\_\_\_

Subject: \_\_\_\_\_

Correct containers?	Correct sample volume?	Correct preservation?	Headspace/volatiles?	CO2 abate completed/accurate?	Container in good condition?
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

ALS FIELD SERVICES

Price:  Labor:  Composite Sampling:  Special Equipment:  Other:

POET System Sampling Analytical Data Sheets

January 2011



**ANALYTICAL  
LABORATORY  
SERVICES, INC.**

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

## Certificate of Analysis

Project Name: 27058  
Purchase Order:

Workorder: 9885476  
Workorder ID: 27058

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

January 20, 2011

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Tuesday, January 18, 2011

ALSI is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALSI's NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Laboratory Manager



**SAMPLE SUMMARY**

Workorder: 9885476 27058

Discard Date: 02/03/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9885476001	JARROW.A.JAN11.RAW	Water	1/17/11 08:33	1/18/11 09:35	Customer
9885476002	JARROW.A.JAN11.MIDDLE	Water	1/17/11 08:30	1/18/11 09:35	Customer
9885476003	JARROW.A.JAN11.TREATED	Drinking Water	1/17/11 08:12	1/18/11 09:35	Customer
9885476004	JARROW.A.JAN11.TREATED HOT	Drinking Water	1/17/11 08:18	1/18/11 09:35	Customer
9885476005	Trip Blank-KC-JAN11	Drinking Water	1/18/11 09:35	1/18/11 09:35	Customer

**Workorder Comments:**

**Notes**

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

**Standard Acronyms/Flags**

- J, B Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- N Indicates presumptive evidence of the presence of a compound
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference



ANALYTICAL RESULTS

Workorder: 9885476 27058

Lab ID: 9885476001 Date Collected: 1/17/2011 08:33 Matrix: Water  
Sample ID: JARROW.A.JAN11.RAW Date Received: 1/18/2011 09:35

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		1/19/11 10:31	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		1/19/11 10:31	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		1/19/11 10:31	MES	A
Methyl t-Butyl Ether	26.3		ug/L	1.0	SW846 8260B		1/19/11 10:31	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		1/19/11 10:31	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		1/19/11 10:31	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		1/19/11 10:31	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		1/19/11 10:31	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		1/19/11 10:31	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	127		%	62-133	SW846 8260B		1/19/11 10:31	MES	A
4-Bromofluorobenzene (S)	98.7		%	79-114	SW846 8260B		1/19/11 10:31	MES	A
Dibromofluoromethane (S)	96.9		%	78-116	SW846 8260B		1/19/11 10:31	MES	A
Toluene-d8 (S)	100		%	76-127	SW846 8260B		1/19/11 10:31	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager





**ANALYTICAL RESULTS**

Workorder: 9885478 27058

Lab ID: 9885476002 Date Collected: 1/17/2011 08:30 Matrix: Water  
Sample ID: JARROW.A.JAN11.MIDDLE Date Received: 1/18/2011 09:35

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		1/19/11 09:57	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		1/19/11 09:57	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		1/19/11 09:57	MES	A
Methyl t-Butyl Ether	2.9		ug/L	1.0	SW846 8260B		1/19/11 09:57	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		1/19/11 09:57	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		1/19/11 09:57	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		1/19/11 09:57	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		1/19/11 09:57	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		1/19/11 09:57	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	124		%	62-133	SW846 8260B		1/19/11 09:57	MES	A
4-Bromofluorobenzene (S)	96.6		%	79-114	SW846 8260B		1/19/11 09:57	MES	A
Dibromofluoromethane (S)	94.8		%	78-116	SW846 8260B		1/19/11 09:57	MES	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		1/19/11 09:57	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9885476 27058

Lab ID: 9885476003

Date Collected: 1/17/2011 08:12

Matrix: Drinking Water

Sample ID: JARROW.A.JAN11.TREATED

Date Received: 1/18/2011 09:35

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr	
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		1/20/11 05:16	MES A	
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 05:16	MES A	
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 05:16	MES A	
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		1/20/11 05:16	MES A	
Naphthalene	ND		ug/L	0.50	EPA 524.2		1/20/11 05:16	MES A	
Toluene	ND		ug/L	0.50	EPA 524.2		1/20/11 05:16	MES A	
Total Xylenes	ND		ug/L	1.5	EPA 524.2		1/20/11 05:16	MES A	
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 05:16	MES A	
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 05:16	MES A	
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>	
1,2-Dichlorobenzene-d4 (S)	99.4		%	70-130	EPA 524.2		1/20/11 05:16	MES A	
4-Bromofluorobenzene (S)	105		%	70-130	EPA 524.2		1/20/11 05:16	MES A	

Sample Comments:

Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9885476 27058

Lab ID: 9885476004

Date Collected: 1/17/2011 08:18

Matrix: Drinking Water

Sample ID: JARROW.A.JAN11.TREATED HOT

Date Received: 1/18/2011 09:35

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		1/20/11 07:39	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 07:39	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 07:39	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		1/20/11 07:39	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		1/20/11 07:39	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		1/20/11 07:39	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		1/20/11 07:39	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 07:39	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 07:39	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	101		%	70-130	EPA 524.2		1/20/11 07:39	MES	A
4-Bromofluorobenzene (S)	111		%	70-130	EPA 524.2		1/20/11 07:39	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



ANALYTICAL RESULTS

Workorder: 9885476 27058

Lab ID: 9885476005 Date Collected: 1/18/2011 09:35 Matrix: Drinking Water  
Sample ID: Trip Blank-KC-JAN11 Date Received: 1/18/2011 09:35

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		1/20/11 03:40	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 03:40	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 03:40	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		1/20/11 03:40	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		1/20/11 03:40	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		1/20/11 03:40	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		1/20/11 03:40	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 03:40	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		1/20/11 03:40	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	99.7		%	70-130	EPA 524.2		1/20/11 03:40	MES	A
4-Bromofluorobenzene (S)	104		%	70-130	EPA 524.2		1/20/11 03:40	MES	A

Sample Comments:

  
Anna G Milliken  
Laboratory Manager



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Page 1 of 1  
 Center FED EX  
 Tracking #: 8735-4618-199A

### CHAIN OF CUSTODY REQUEST FOR ANALYSIS

ALL SHADDED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.

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Co. Name: PENNSYLVANIA TECTONICS INC  
 Contact: MARTIN GILGALLON  
 Address: 826 MAIN STREET  
 PECKVILLE PA 18454  
 Phone: (570) 487-1959

Project Name#: 27058  
 ALSI Quote #:  
 Date Required:  
 Approved By:  
 Email:  PATECTONICS@HOTMAIL.COM

Sample Description, Location  
 (as it will appear on the lab report)

Sample No.	Sample Date	Quantity	Matrix	Enter Number of Containers Per Analysis
1	01/13/11	6	6 DW	2
2	01/14/11	6	6 DW	2
3	01/17/11	6	6 DW	2
4	01/17/11	6	6 DW	2
5	01/18/11	6	6 DW	2
6	01/19/11	6	6 DW	2

SAMPLED BY: (Please Print) B. CUCURNA  
 Relinquished By / Company Name: B. CUCURNA  
 Date: 01/13/11  
 Time: 0000  
 Date: 01/17/11  
 Time: 1000  
 Date: 01/18/11  
 Time: 0935

ANALYSIS METHOD REQUESTED

Receipt Information  
 Instrument: [ ]  
 Analyst: [ ]  
 Cooler Temp: 4°C  
 Therm ID: 101330234

Notes:  
 No. of Cores: [ ]  
 Correct containers? [ ]  
 Correct sample volume? [ ]  
 (If present) Seals intact? [ ]  
 Received on label? [ ]  
 COC Label complete? [ ]  
 Container in good condition? [ ]

ALSIFIELD SERVICES  
 Pickup  
 Lab  
 Composites Sampling  
 Rental Equipment  
 Other

ALSIFIELD SERVICES  
 Standard   
 CUP Size   
 NU-Replicated   
 NU-Fold   
 If yes, format type: Other

DATA DELIVERABLES  
 EPA  
 Other

DOB Checks Required?  
 EPA  
 Other

POET System Sampling Analytical Data Sheets

May 2011

June 9, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>9907598</b>
Purchase Order:	Workorder ID: <b>27058.04</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, May 27, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania (formerly Analytical Laboratory Services, Inc.) is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticallab.com](http://www.analyticallab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Technical Manager

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Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

### SAMPLE SUMMARY

Workorder: 9907598 27058.04

Discard Date: 06/23/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9907598001	Jarrow.A.May11.Treated	Drinking Water	5/26/11 08:00	5/27/11 09:25	Customer
9907598002	Jarrow.A.May11.Middle	Water	5/26/11 08:07	5/27/11 09:25	Customer
9907598003	Jarrow.A.May11.Raw	Water	5/26/11 08:13	5/27/11 09:25	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9907598 27058.04

Lab ID: **9907598001**  
Sample ID: **Jarrow.A.May11.Treated**

Date Collected: 5/26/2011 08:00  
Date Received: 5/27/2011 09:25

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/8/11 19:02	MES	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/8/11 19:02	MES	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/8/11 19:02	MES	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/8/11 19:02	MES	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/8/11 19:02	MES	B
Toluene	ND		ug/L	0.50	EPA 524.2		6/8/11 19:02	MES	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/8/11 19:02	MES	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/8/11 19:02	MES	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/8/11 19:02	MES	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	85.5		%	70-130	EPA 524.2		6/8/11 19:02	MES	B
4-Bromofluorobenzene (S)	82.2		%	70-130	EPA 524.2		6/8/11 19:02	MES	B

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**ANALYTICAL RESULTS**

Workorder: 9907598 27058.04

Lab ID: **9907598002**  
Sample ID: **Jarrow.A.May11.Middle**

Date Collected: 5/26/2011 08:07 Matrix: Water  
Date Received: 5/27/2011 09:25

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/9/11 13:37	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/9/11 13:37	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/9/11 13:37	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/9/11 13:37	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/9/11 13:37	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/9/11 13:37	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/9/11 13:37	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/9/11 13:37	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/9/11 13:37	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.3		%	62-133	SW846 8260B		6/9/11 13:37	MES	A
4-Bromofluorobenzene (S)	83.1		%	79-114	SW846 8260B		6/9/11 13:37	MES	A
Dibromofluoromethane (S)	81.9		%	78-116	SW846 8260B		6/9/11 13:37	MES	A
Toluene-d8 (S)	87.9		%	76-127	SW846 8260B		6/9/11 13:37	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9907598 27058.04

Lab ID: **9907598003**  
Sample ID: **Jarrow.A.May11.Raw**

Date Collected: 5/26/2011 08:13 Matrix: Water  
Date Received: 5/27/2011 09:25

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	2.8		ug/L	1.0	SW846 8260B		6/9/11 14:11	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/9/11 14:11	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/9/11 14:11	MES	A
Methyl t-Butyl Ether	20.1		ug/L	1.0	SW846 8260B		6/9/11 14:11	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/9/11 14:11	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/9/11 14:11	MES	A
Total Xylenes	3.3		ug/L	3.0	SW846 8260B		6/9/11 14:11	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/9/11 14:11	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/9/11 14:11	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	85.8		%	62-133	SW846 8260B		6/9/11 14:11	MES	A
4-Bromofluorobenzene (S)	85.3		%	79-114	SW846 8260B		6/9/11 14:11	MES	A
Dibromofluoromethane (S)	83.3		%	78-116	SW846 8260B		6/9/11 14:11	MES	A
Toluene-d8 (S)	87.4		%	76-127	SW846 8260B		6/9/11 14:11	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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State Certifications: CT PH-0224, DE ID 11, GA 914, MA PA0102, MD 128, LA 04162, VA 421, WY EPA Region 8, WV 343



Page 1 of 1  
Counter: FED EX  
Tracking #: 8355-6839-6695

CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLED. INSTRUCTIONS ON THE BACK.

Co. Name: PENNSYLVANIA TECTONICS INC. Phone: 570-487-1959  
 Contact (print): MANNIN GILGALLON  
 Address: 826 MAIN STREET PECKVILLE PA 18452

Project Name #: 27058.04  
 ALS Quote #:  
 Date Required:  
 Approved By:

Sample Date: 5/26/11 0800  
 Military Time: 0800  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300

ANALYSES/METHOD REQUESTED  
 NEW LIST, EPA 54.2  
 PENNSYLVANIA UNLEADED  
 PENNSYLVANIA UNLEADED  
 NEW LIST, EPA 82.60

Enter Number of Containers Per Analysis

ALS FIELD SERVICES  
 Custody seals Present?  (If present) Seals Intact?   
 Received on test?   
 COC Labels complete/accurate?   
 Container in good condition?   
 Correct containers?   
 Correct preservation?   
 Correct preservation volume?   
 Hands present/Volatiles?   
 Circle appropriate Y or N.

Receipt Information  
 Number of Containers: 10  
 Correct Temp: 15  
 Therm ID: 1111274  
 No. of Coolers:  
 Notes:

Container Type: G-6  
 Container Size: 40ml  
 Preservative: HCL/HClO

LOGGED BY (print): Jerry Luchowsky  
 RECEIVED BY (print): Jerry Luchowsky  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300  
 Date: 5/26/11 1300

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POET System Sampling Analytical Data Sheets

August 2011



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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

August 16, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>9919642</b>
Purchase Order:	Workorder ID: <b>27058.02 08/02/11</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 04, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

Anna G Milliken  
Technical Manager

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**SAMPLE SUMMARY**

Workorder: 9919642 27058.02 08/02/11

Discard Date: 08/30/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9919642001	FRYZEL.R.AUG.11.TREATED	Drinking Water	8/2/11 16:17	8/4/11 09:10	Customer
9919642002	FRYZEL.R.AUG.11.MIDDLE	Water	8/2/11 16:21	8/4/11 09:10	Customer
9919642003	FRYZEL.R.AUG.11.RAW	Water	8/2/11 16:26	8/4/11 09:10	Customer
9919642004	MAKALA.A.AUG.11.TREATED	Drinking Water	8/2/11 16:38	8/4/11 09:10	Customer
9919642005	MAKALA.A.AUG.11.MIDDLE	Water	8/2/11 16:43	8/4/11 09:10	Customer
9919642006	MAKALA.A.AUG.11.RAW	Water	8/2/11 16:48	8/4/11 09:10	Customer
9919642007	PRUSINSKI.J.AUG11.TREATED	Drinking Water	8/2/11 17:33	8/4/11 09:10	Customer
9919642008	PRUSINSKI.J.AUG11.MIDDLE	Water	8/2/11 17:39	8/4/11 09:10	Customer
9919642009	PRUSINSKI.J.AUG11.RAW	Water	8/2/11 17:43	8/4/11 09:10	Customer
9919642010	STEPHENS.H.AUG11.TREATED	Drinking Water	8/2/11 18:17	8/4/11 09:10	Customer
9919642011	STEPHENS.H.AUG11.MIDDLE	Water	8/2/11 18:22	8/4/11 09:10	Customer
9919642012	STEPHENS.H.AUG11.RAW	Water	8/2/11 18:25	8/4/11 09:10	Customer

**Workorder Comments:**
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### SAMPLE SUMMARY

Workorder: 9919642 27058.02 08/02/11

Discard Date: 08/30/2011

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Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
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**Notes**

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative Identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

**Standard Acronyms/Flags**

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - Indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

---

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**Mexico:** Monterrey



**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

 Lab ID: **9919642003**

Date Collected: 8/2/2011 16:26

Matrix: Water

 Sample ID: **FRYZEL.R.AUG.11.RAW**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:15	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:15	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:15	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 15:15	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 15:15	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:15	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 15:15	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:15	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:15	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.4		%	62-133	SW846 8260B		8/13/11 15:15	MES	A
4-Bromofluorobenzene (S)	81.8		%	79-114	SW846 8260B		8/13/11 15:15	MES	A
Dibromofluoromethane (S)	79.4		%	78-116	SW846 8260B		8/13/11 15:15	MES	A
Toluene-d8 (S)	86.2		%	76-127	SW846 8260B		8/13/11 15:15	MES	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

Lab ID: **9919642002**

Date Collected: 8/2/2011 16:21

Matrix: Water

Sample ID: **FRYZEL.R.AUG.11.MIDDLE**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 14:52	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 14:52	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 14:52	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 14:52	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 14:52	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 14:52	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 14:52	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 14:52	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 14:52	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.6		%	62-133	SW846 8260B		8/13/11 14:52	MES	A
4-Bromofluorobenzene (S)	84		%	79-114	SW846 8260B		8/13/11 14:52	MES	A
Dibromofluoromethane (S)	80.6		%	78-116	SW846 8260B		8/13/11 14:52	MES	A
Toluene-d8 (S)	87		%	76-127	SW846 8260B		8/13/11 14:52	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

Lab ID: **9919642001**

Date Collected: 8/2/2011 16:17

Matrix: Drinking Water

Sample ID: **FRYZEL.R.AUG.11.TREATED**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:03	MES	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:03	MES	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:03	MES	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/16/11 12:03	MES	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:03	MES	B
Toluene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:03	MES	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/16/11 12:03	MES	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:03	MES	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:03	MES	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	92.4		%	70-130	EPA 524.2		8/16/11 12:03	MES	B
4-Bromofluorobenzene (S)	91.3		%	70-130	EPA 524.2		8/16/11 12:03	MES	B

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

Lab ID: **9919642006**

Date Collected: 8/2/2011 16:48

Matrix: Water

Sample ID: **MAKALA.A.AUG.11.RAW**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:59	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:59	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:59	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 15:59	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 15:59	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:59	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 15:59	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:59	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:59	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.8		%	62-133	SW846 8260B		8/13/11 15:59	MES	A
4-Bromofluorobenzene (S)	83.2		%	79-114	SW846 8260B		8/13/11 15:59	MES	A
Dibromofluoromethane (S)	80		%	78-116	SW846 8260B		8/13/11 15:59	MES	A
Toluene-d8 (S)	86.3		%	76-127	SW846 8260B		8/13/11 15:59	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

Lab ID: **9919642005**

Date Collected: 8/2/2011 16:43

Matrix: Water

Sample ID: **MAKALA.A.AUG.11.MIDDLE**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:37	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:37	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:37	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 15:37	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 15:37	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:37	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 15:37	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:37	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 15:37	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.3		%	62-133	SW846 8260B		8/13/11 15:37	MES	A
4-Bromofluorobenzene (S)	82.1		%	79-114	SW846 8260B		8/13/11 15:37	MES	A
Dibromofluoromethane (S)	78.1		%	78-116	SW846 8260B		8/13/11 15:37	MES	A
Toluene-d8 (S)	86.5		%	76-127	SW846 8260B		8/13/11 15:37	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

 Lab ID: **9919642004**

Date Collected: 8/2/2011 16:38

Matrix: Drinking Water

 Sample ID: **MAKALA.A.AUG.11.TREATED**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:27	MES	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:27	MES	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:27	MES	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/16/11 12:27	MES	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:27	MES	B
Toluene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:27	MES	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/16/11 12:27	MES	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:27	MES	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:27	MES	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	92.8		%	70-130	EPA 524.2		8/16/11 12:27	MES	B
4-Bromofluorobenzene (S)	93.3		%	70-130	EPA 524.2		8/16/11 12:27	MES	B

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

 Lab ID: **9919642009**

Date Collected: 8/2/2011 17:43

Matrix: Water

 Sample ID: **PRUSINSKI.J.AUG11.RAW**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:43	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:43	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:43	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 16:43	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 16:43	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:43	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 16:43	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:43	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:43	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.7		%	62-133	SW846 8260B		8/13/11 16:43	MES	A
4-Bromofluorobenzene (S)	83.4		%	79-114	SW846 8260B		8/13/11 16:43	MES	A
Dibromofluoromethane (S)	79.5		%	78-116	SW846 8260B		8/13/11 16:43	MES	A
Toluene-d8 (S)	87.6		%	76-127	SW846 8260B		8/13/11 16:43	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

 Lab ID: **9919642008**

Date Collected: 8/2/2011 17:39

Matrix: Water

 Sample ID: **PRUSINSKI.J.AUG11.MIDDLE**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:21	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:21	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:21	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 16:21	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 16:21	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:21	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 16:21	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:21	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 16:21	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.2		%	62-133	SW846 8260B		8/13/11 16:21	MES	A
4-Bromofluorobenzene (S)	83.6		%	79-114	SW846 8260B		8/13/11 16:21	MES	A
Dibromofluoromethane (S)	78.8		%	78-116	SW846 8260B		8/13/11 16:21	MES	A
Toluene-d8 (S)	87.3		%	76-127	SW846 8260B		8/13/11 16:21	MES	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

Lab ID: 9919642007

Date Collected: 8/2/2011 17:33

Matrix: Drinking Water

Sample ID: PRUSINSKI.J.AUG11.TREATED

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:55	MES	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:55	MES	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:55	MES	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/16/11 12:55	MES	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:55	MES	B
Toluene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:55	MES	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/16/11 12:55	MES	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:55	MES	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 12:55	MES	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	93.1		%	70-130	EPA 524.2		8/16/11 12:55	MES	B
4-Bromofluorobenzene (S)	92.5		%	70-130	EPA 524.2		8/16/11 12:55	MES	B

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

Lab ID: **9919642012**

Date Collected: 8/2/2011 18:25

Matrix: Water

Sample ID: **STEPHENS.H.AUG11.RAW**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:44	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:44	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:44	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 20:44	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 20:44	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:44	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 20:44	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:44	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:44	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	106		%	62-133	SW846 8260B		8/13/11 20:44	MES	A
4-Bromofluorobenzene (S)	89.9		%	79-114	SW846 8260B		8/13/11 20:44	MES	A
Dibromofluoromethane (S)	93.2		%	78-116	SW846 8260B		8/13/11 20:44	MES	A
Toluene-d8 (S)	98.7		%	76-127	SW846 8260B		8/13/11 20:44	MES	A

**Sample Comments:**

  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

Lab ID: **9919642011**

Date Collected: 8/2/2011 18:22

Matrix: Water

Sample ID: **STEPHENS.H.AUG11.MIDDLE**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 23:00	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 23:00	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 23:00	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 23:00	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 23:00	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 23:00	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 23:00	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 23:00	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 23:00	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.9		%	62-133	SW846 8260B		8/13/11 23:00	MES	A
4-Bromofluorobenzene (S)	81.8		%	79-114	SW846 8260B		8/13/11 23:00	MES	A
Dibromofluoromethane (S)	79.7		%	78-116	SW846 8260B		8/13/11 23:00	MES	A
Toluene-d8 (S)	87		%	76-127	SW846 8260B		8/13/11 23:00	MES	A

**Sample Comments:**


Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919642 27058.02 08/02/11

 Lab ID: **9919642010** Date Collected: 8/2/2011 18:17 Matrix: Drinking Water  
 Sample ID: **STEPHENS.H.AUG11.TREATED** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:21	MES	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:21	MES	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:21	MES	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/16/11 13:21	MES	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:21	MES	B
Toluene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:21	MES	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/16/11 13:21	MES	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:21	MES	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:21	MES	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	91.4		%	70-130	EPA 524.2		8/16/11 13:21	MES	B
4-Bromofluorobenzene (S)	88.4		%	70-130	EPA 524.2		8/16/11 13:21	MES	B

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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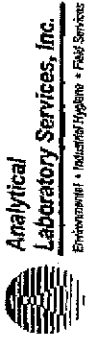
NELAP Certifications: NJ PA010, NY 11759, PA 22-293 DoD ELAP: A2LA 0818.01  
 State Certifications: CT PH-0224, DE ID 11, GA 914, MA PA0102, MD 128, LA 04162, VA 421, WY EPA Region 8, WV 343



Page 1 of 2  
 Center: **FED EX**  
 Tracking #: **8155-0639-7023**

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

**ALL SHADED AREAS MUST BE COMPLETED BY THE  
 CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.**



34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS INC**  
 Contact Name: **MARTIN GILGALLON** Phone: **570-487-1959**  
 Address: **826 MAIN STREET**  
**PECKVILLE PA 18454**

PO#: \_\_\_\_\_

Project Name: **210SR.08** ALSI Quote #: \_\_\_\_\_  
 Date Required: \_\_\_\_\_  
 Approved By: \_\_\_\_\_

Enalty  Yes  No **PATECTONICS@HOTMAIL.COM**

Sample Description/Location	CCG Comments	Sample Date	Military Time
1 FRYZEL, R. AUGLI, TREATED		8/21/11	1617
2 FRYZEL, R. AUGLI, MIDDLE		8/21/11	1621
3 FRYZEL, R. AUGLI, RAW		8/21/11	1626
4 MAKALA, A. AUGLI, TREATED		8/21/11	1638
5 MAKALA, A. AUGLI, MIDDLE		8/21/11	1645
6 MAKALA, A. AUGLI, RAW		8/21/11	1648
7			
8			

SAMPLED BY (Please Print)	RECEIVED BY (Signature)	Date	Time	Received By (Company Name)	Date	Time
Jerry Luchansky		8/21/11	1419			
Jerry Luchansky		8/21/11	1419	FED EX	8/21/11	1419

Container Type: <b>CG CCG</b>	Container Size: <b>400ml</b>	Preservative: <b>HCl HCl</b>
ANALYSIS METHOD REQUESTED		
Enter Number of Containers Per Analysis		
NEW LIST, EPA 824.8 PENNSYLVANIA UNLEADED		
NEW LIST, EPA 824.8 PENNSYLVANIA UNLEADED		
Correct conditions	Correct sample volume	Correct preservation
Y	Y	Y
Headspace/Volatiles?	Received on Ice?	CO Labels completed/accurate?
N	N	N
Container in good condition?		
N		

ALS FIELD SERVICES	ALS Criteria Met?
<input type="checkbox"/> Heavy <input type="checkbox"/> Labor <input type="checkbox"/> Duplicate Sampling <input type="checkbox"/> Pallet Equipment <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> QP-File <input type="checkbox"/> RV-Reduced <input type="checkbox"/> NU-Full If yes, what type? _____
Size Swaps Calculated % MD <input type="checkbox"/> NI <input type="checkbox"/> NY <input type="checkbox"/> PA <input checked="" type="checkbox"/>	PDA Deliverables YES <input type="checkbox"/> NO <input type="checkbox"/>
Container Type: <b>CG-Clear Glass, PL-Plastic</b>	Container Size: <b>250ml, 500ml, 1L, 5gal, etc.</b>

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NELAP Certifications: NJ PA010, NY 11759, PA 22-293 DoD ELAP: A2LA 0818.01  
 State Certifications: CT PH-0224, DE ID 11, GA 914, MA PA0102, MD 128, LA 04162, VA 421, WY EPA Region 8, WV 343

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

**ALL SAMPLES MUST BE COMPLETED BY THE CLIENT  
SAMPLE INSTRUCTIONS ON THE BACK**

Co. Name: **PENNSYLVANIA TECTONICS INC**  
 Contact (Address): **MARTIN GILGALLON**  
 Address: **820 MAIN STREET  
PECKVILLE PA 18454**

Phone: **570-487-1959**

PO#: \_\_\_\_\_

Project Number: **27058108** ALS Quote #: \_\_\_\_\_  
 Date Required: \_\_\_\_\_  
 Approved By: \_\_\_\_\_

Sample Description/Location: \_\_\_\_\_  
 (See all applicable lab report(s))

Sample Date: \_\_\_\_\_ Military Time: \_\_\_\_\_

COC Comments: \_\_\_\_\_

Page 2 of 2  
 Order: **FED EX**  
 Tracking #: **8155-4830-7083**

Receipt Information  
 Received by: **DA**  
 Date: **8/11/19**  
 Cooler Temp: **4°C**  
 Therm ID: **1013320 Z4**  
 No. of Containers: \_\_\_\_\_  
 Notes: \_\_\_\_\_

ANALYSIS METHOD REQUESTED: \_\_\_\_\_

Container #	Type	Volume	Sample	Pressure	Matrix	Enter Number of Containers Per Analysis	COC Comments	Sample Date	Military Time	COC Comments
1	CG	MON-40ML		HCL		2	NEW LIST, EPA 8260 PENNSYLVANIA UNDERGROUND	8/11/19	1733	
2	CG					2	NEW LIST, EPA 504.2 PENNSYLVANIA UNDERGROUND	8/11/19	1739	
3	CG					2		8/11/19	1743	
4	CG					2		8/11/19	1817	
5	CG					2	UNUSUAL NOTES REMOVED BROKEN	8/11/19	1928	
6	CG					2		8/11/19	1945	
7										
8										

SAMPLED BY (Please Print): **Jerry Luchawsky**  
 RECEIVED BY (Signature): *[Signature]*  
 Date: **8/11/19** Time: **1419**  
 Relinquished By / Company Name: **Jerry Luchawsky / Pennsylvania Tectonics**  
 Date: **8/11/19** Time: **1419**

ALS FIELD SERVICES  
 Priority  
 Labor  
 Composite Sampling  
 Metal Equipment  
 Other

Container Type:  Glass  Other Glass  Plastic  Paper  
 Container Size:  20ml  50ml  1L  5L  10L  20L  30L  40L  50L  60L  70L  80L  90L  100L

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**ALS Environmental**



34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01  
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

August 16, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>9919646</b>
Purchase Order:	Workorder ID: <b>27058.02 08/03/11</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 04, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Technical Manager

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**SAMPLE SUMMARY**

Workorder: 9919646 27058.02 08/03/11

Discard Date: 08/30/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9919646001	Lewls Home.Aug11.Treated	Drinking Water	8/3/11 07:05	8/4/11 09:10	Customer
9919646002	Lewis Home.Aug11.Middle	Water	8/3/11 07:08	8/4/11 09:10	Customer
9919646003	Lewis Home.Aug11.Raw	Water	8/3/11 07:10	8/4/11 09:10	Customer
9919646004	Young.J.Aug11	Drinking Water	8/3/11 07:20	8/4/11 09:10	Customer
9919646005	Kovaleski.K.Aug11.Treated	Drinking Water	8/3/11 07:35	8/4/11 09:10	Customer
9919646006	Kovaleski.K.Aug11.Middle	Water	8/3/11 07:39	8/4/11 09:10	Customer
9919646007	Kovaleski.K.Aug11.Raw	Water	8/3/11 07:41	8/4/11 09:10	Customer
9919646008	Kazuba.R.Aug11.Treated	Drinking Water	8/3/11 08:05	8/4/11 09:10	Customer
9919646009	Kazuba.R.Aug11.Middle	Water	8/3/11 08:10	8/4/11 09:10	Customer
9919646010	Kazuba.R.Aug11.Raw	Water	8/3/11 08:15	8/4/11 09:10	Customer
9919646011	Kalinowski.K.Aug11.Treated	Drinking Water	8/3/11 09:04	8/4/11 09:10	Customer
9919646012	Kalinowski.K.Aug11.Middle	Water	8/3/11 09:08	8/4/11 09:10	Customer
9919646013	Kalinowski.K.Aug11.Raw	Water	8/3/11 09:13	8/4/11 09:10	Customer
9919646014	Kvaka.J.Aug11.Treated	Drinking Water	8/3/11 09:33	8/4/11 09:10	Customer
9919646015	Kvaka.J.Aug11.Middle	Water	8/3/11 09:37	8/4/11 09:10	Customer
9919646016	Kvaka.J.Aug11.Raw	Water	8/3/11 09:42	8/4/11 09:10	Customer
9919646017	Rusyn.B.Aug11.Treated	Drinking Water	8/3/11 10:04	8/4/11 09:10	Customer
9919646018	Rusyn.B.Aug11.Middle	Water	8/3/11 10:07	8/4/11 09:10	Customer
9919646019	Rusyn.B.Aug11.Raw	Water	8/3/11 10:13	8/4/11 09:10	Customer
9919646020	Rabel.P.Aug.11.Treated	Drinking Water	8/3/11 10:36	8/4/11 09:10	Customer
9919646021	Rabel.P.Aug.11.Middle	Water	8/3/11 10:39	8/4/11 09:10	Customer
9919646022	Rabel.P.Aug.11.Raw	Water	8/3/11 10:43	8/4/11 09:10	Customer
9919646023	Bobar.W.Aug.11.Treated	Drinking Water	8/3/11 11:05	8/4/11 09:10	Customer
9919646024	Bobar.W.Aug.11.Middle	Water	8/3/11 11:09	8/4/11 09:10	Customer
9919646025	Bobar.W.Aug.11.Raw	Water	8/3/11 11:14	8/4/11 09:10	Customer

**Workorder Comments:**
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### SAMPLE SUMMARY

Workorder: 9919646 27058.02 08/03/11

Discard Date: 08/30/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
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**Notes**

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

**Standard Acronyms/Flags**

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646025**

Date Collected: 8/3/2011 11:14

Matrix: Water

 Sample ID: **Bobar.W.Aug.11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:09	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:09	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:09	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 21:09	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 21:09	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:09	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 21:09	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:09	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:09	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.6		%	62-133	SW846 8260B		8/13/11 21:09	MES	A
4-Bromofluorobenzene (S)	84		%	79-114	SW846 8260B		8/13/11 21:09	MES	A
Dibromofluoromethane (S)	79.9		%	78-116	SW846 8260B		8/13/11 21:09	MES	A
Toluene-d8 (S)	88.5		%	76-127	SW846 8260B		8/13/11 21:09	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646024**

Date Collected: 8/3/2011 11:09

Matrix: Water

Sample ID: **Bobar.W.Aug.11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:47	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:47	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:47	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 20:47	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 20:47	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:47	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 20:47	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:47	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:47	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.5		%	62-133	SW846 8260B		8/13/11 20:47	MES	A
4-Bromofluorobenzene (S)	82.7		%	79-114	SW846 8260B		8/13/11 20:47	MES	A
Dibromofluoromethane (S)	79.2		%	78-116	SW846 8260B		8/13/11 20:47	MES	A
Toluene-d8 (S)	87.7		%	76-127	SW846 8260B		8/13/11 20:47	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646023**

Date Collected: 8/3/2011 11:05

Matrix: Drinking Water

 Sample ID: **Bobar.W.Aug.11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:22	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:22	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:22	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 00:22	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:22	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:22	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 00:22	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:22	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:22	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	78.9		%	70-130	EPA 524.2		8/13/11 00:22	MES	A
4-Bromofluorobenzene (S)	78.2		%	70-130	EPA 524.2		8/13/11 00:22	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646013**

Date Collected: 8/3/2011 09:13

Matrix: Water

 Sample ID: **Kalinowski.K.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:40	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:40	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:40	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 19:40	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 19:40	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:40	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 19:40	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:40	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:40	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.3		%	62-133	SW846 8260B		8/13/11 19:40	MES	A
4-Bromofluorobenzene (S)	82.5		%	79-114	SW846 8260B		8/13/11 19:40	MES	A
Dibromofluoromethane (S)	78		%	78-116	SW846 8260B		8/13/11 19:40	MES	A
Toluene-d8 (S)	85.9		%	76-127	SW846 8260B		8/13/11 19:40	MES	A

**Sample Comments:**

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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646012**

Date Collected: 8/3/2011 09:08

Matrix: Water

 Sample ID: **Kalinowski.K.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:18	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:18	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:18	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 19:18	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 19:18	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:18	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 19:18	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:18	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 19:18	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.8		%	62-133	SW846 8260B		8/13/11 19:18	MES	A
4-Bromofluorobenzene (S)	81.6		%	79-114	SW846 8260B		8/13/11 19:18	MES	A
Dibromofluoromethane (S)	79.2		%	78-116	SW846 8260B		8/13/11 19:18	MES	A
Toluene-d8 (S)	87.1		%	76-127	SW846 8260B		8/13/11 19:18	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646011** Date Collected: 8/3/2011 09:04 Matrix: Drinking Water  
Sample ID: **Kalinowski.K.Aug11.Treated** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:29	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:29	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:29	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/12/11 23:29	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:29	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:29	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/12/11 23:29	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:29	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:29	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	80.2		%	70-130	EPA 524.2		8/12/11 23:29	MES	A
4-Bromofluorobenzene (S)	79.6		%	70-130	EPA 524.2		8/12/11 23:29	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646010**

Date Collected: 8/3/2011 08:15

Matrix: Water

 Sample ID: **Kazuba.R.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:56	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:56	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:56	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 18:56	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 18:56	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:56	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 18:56	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:56	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:56	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.6		%	62-133	SW846 8260B		8/13/11 18:56	MES	A
4-Bromofluorobenzene (S)	81.6		%	79-114	SW846 8260B		8/13/11 18:56	MES	A
Dibromofluoromethane (S)	79.5		%	78-116	SW846 8260B		8/13/11 18:56	MES	A
Toluene-d8 (S)	87.4		%	76-127	SW846 8260B		8/13/11 18:56	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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ANALYTICAL RESULTS

Workorder: 9919646 27058.02 08/03/11

Lab ID: 9919646009

Date Collected: 8/3/2011 08:10

Matrix: Water

Sample ID: Kazuba.R.Aug11.Middle

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:34	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:34	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:34	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 18:34	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 18:34	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:34	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 18:34	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:34	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:34	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.3		%	62-133	SW846 8260B		8/13/11 18:34	MES	A
4-Bromofluorobenzene (S)	81.4		%	79-114	SW846 8260B		8/13/11 18:34	MES	A
Dibromofluoromethane (S)	80.2		%	78-116	SW846 8260B		8/13/11 18:34	MES	A
Toluene-d8 (S)	87.6		%	76-127	SW846 8260B		8/13/11 18:34	MES	A

Sample Comments:

*Anna G Milliken*  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646008**

Date Collected: 8/3/2011 08:05

Matrix: Drinking Water

Sample ID: **Kazuba.R.Aug11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:11	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:11	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:11	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/12/11 22:11	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:11	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:11	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/12/11 22:11	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:11	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:11	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	80		%	70-130	EPA 524.2		8/12/11 22:11	MES	A
4-Bromofluorobenzene (S)	83.7		%	70-130	EPA 524.2		8/12/11 22:11	MES	A

**Sample Comments:**
  
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Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: 9919646007

Date Collected: 8/3/2011 07:41

Matrix: Water

Sample ID: Kovaleski.K.Aug11.Raw

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:12	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:12	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:12	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 18:12	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 18:12	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:12	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 18:12	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:12	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 18:12	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.3		%	62-133	SW846 8260B		8/13/11 18:12	MES	A
4-Bromofluorobenzene (S)	82		%	79-114	SW846 8260B		8/13/11 18:12	MES	A
Dibromofluoromethane (S)	78.9		%	78-116	SW846 8260B		8/13/11 18:12	MES	A
Toluene-d8 (S)	87.2		%	76-127	SW846 8260B		8/13/11 18:12	MES	A

**Sample Comments:**

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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646006**

Date Collected: 8/3/2011 07:39

Matrix: Water

 Sample ID: **Kovaleski.K.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:49	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:49	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:49	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 17:49	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 17:49	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:49	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 17:49	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:49	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:49	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90		%	62-133	SW846 8260B		8/13/11 17:49	MES	A
4-Bromofluorobenzene (S)	83.3		%	79-114	SW846 8260B		8/13/11 17:49	MES	A
Dibromofluoromethane (S)	78.9		%	78-116	SW846 8260B		8/13/11 17:49	MES	A
Toluene-d8 (S)	88.3		%	76-127	SW846 8260B		8/13/11 17:49	MES	A

**Sample Comments:**
  
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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646005** Date Collected: 8/3/2011 07:35 Matrix: Drinking Water  
Sample ID: **Kovaleski.K.Aug11.Treated** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/12/11 21:45	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 21:45	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 21:45	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/12/11 21:45	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/12/11 21:45	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/12/11 21:45	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/12/11 21:45	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 21:45	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 21:45	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79.3		%	70-130	EPA 524.2		8/12/11 21:45	MES	A
4-Bromofluorobenzene (S)	81.3		%	70-130	EPA 524.2		8/12/11 21:45	MES	A

**Sample Comments:**
  
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Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646016**

Date Collected: 8/3/2011 09:42

Matrix: Water

Sample ID: **Kvaka.J.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:53	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:53	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:53	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 21:53	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 21:53	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:53	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 21:53	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:53	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:53	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91.6		%	62-133	SW846 8260B		8/13/11 21:53	MES	A
4-Bromofluorobenzene (S)	82.3		%	79-114	SW846 8260B		8/13/11 21:53	MES	A
Dibromofluoromethane (S)	80.4		%	78-116	SW846 8260B		8/13/11 21:53	MES	A
Toluene-d8 (S)	87.7		%	76-127	SW846 8260B		8/13/11 21:53	MES	A

**Sample Comments:**
  
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Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646015**

Date Collected: 8/3/2011 09:37

Matrix: Water

 Sample ID: **Kvaka.J.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:31	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:31	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:31	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 21:31	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 21:31	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:31	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 21:31	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:31	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 21:31	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.5		%	62-133	SW846 8260B		8/13/11 21:31	MES	A
4-Bromofluorobenzene (S)	82.2		%	79-114	SW846 8260B		8/13/11 21:31	MES	A
Dibromofluoromethane (S)	78.9		%	78-116	SW846 8260B		8/13/11 21:31	MES	A
Toluene-d8 (S)	86.2		%	76-127	SW846 8260B		8/13/11 21:31	MES	A

**Sample Comments:**

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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646014** Date Collected: 8/3/2011 09:33 Matrix: Drinking Water  
 Sample ID: **Kvaka.J.Aug11.Treated** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:37	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:37	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:37	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/12/11 22:37	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:37	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:37	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/12/11 22:37	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:37	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 22:37	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79.4		%	70-130	EPA 524.2		8/12/11 22:37	MES	A
4-Bromofluorobenzene (S)	79.4		%	70-130	EPA 524.2		8/12/11 22:37	MES	A

**Sample Comments:**
  
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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646003**

Date Collected: 8/3/2011 07:10

Matrix: Water

 Sample ID: **Lewis Home.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:27	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:27	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:27	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 17:27	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 17:27	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:27	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 17:27	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:27	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:27	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.4		%	62-133	SW846 8260B		8/13/11 17:27	MES	A
4-Bromofluorobenzene (S)	83.3		%	79-114	SW846 8260B		8/13/11 17:27	MES	A
Dibromofluoromethane (S)	79.8		%	78-116	SW846 8260B		8/13/11 17:27	MES	A
Toluene-d8 (S)	88.3		%	76-127	SW846 8260B		8/13/11 17:27	MES	A

**Sample Comments:**
  
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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646002**

Date Collected: 8/3/2011 07:08

Matrix: Water

Sample ID: **Lewis Home.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:05	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:05	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:05	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 17:05	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 17:05	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:05	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 17:05	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:05	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 17:05	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88		%	62-133	SW846 8260B		8/13/11 17:05	MES	A
4-Bromofluorobenzene (S)	80.7		%	79-114	SW846 8260B		8/13/11 17:05	MES	A
Dibromofluoromethane (S)	79.4		%	78-116	SW846 8260B		8/13/11 17:05	MES	A
Toluene-d8 (S)	86.1		%	76-127	SW846 8260B		8/13/11 17:05	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646001**

Date Collected: 8/3/2011 07:05

Matrix: Drinking Water

 Sample ID: **Lewis Home.Aug11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/12/11 10:49	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 10:49	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 10:49	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/12/11 10:49	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/12/11 10:49	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/12/11 10:49	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/12/11 10:49	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 10:49	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 10:49	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	93.9		%	70-130	EPA 524.2		8/12/11 10:49	MES	A
4-Bromofluorobenzene (S)	93.8		%	70-130	EPA 524.2		8/12/11 10:49	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646022**

Date Collected: 8/3/2011 10:43

Matrix: Water

Sample ID: **Rabel.P.Aug.11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:37	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:37	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:37	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 22:37	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 22:37	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:37	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 22:37	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:37	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:37	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.9		%	62-133	SW846 8260B		8/13/11 22:37	MES	A
4-Bromofluorobenzene (S)	81.8		%	79-114	SW846 8260B		8/13/11 22:37	MES	A
Dibromofluoromethane (S)	78.4		%	78-116	SW846 8260B		8/13/11 22:37	MES	A
Toluene-d8 (S)	86.4		%	76-127	SW846 8260B		8/13/11 22:37	MES	A

**Sample Comments:**
  
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Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646021**

Date Collected: 8/3/2011 10:39

Matrix: Water

Sample ID: **Rabel.P.Aug.11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:15	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:15	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:15	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 22:15	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 22:15	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:15	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 22:15	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:15	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 22:15	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.7		%	62-133	SW846 8260B		8/13/11 22:15	MES	A
4-Bromofluorobenzene (S)	82		%	79-114	SW846 8260B		8/13/11 22:15	MES	A
Dibromofluoromethane (S)	80.1		%	78-116	SW846 8260B		8/13/11 22:15	MES	A
Toluene-d8 (S)	86.4		%	76-127	SW846 8260B		8/13/11 22:15	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646020**

Date Collected: 8/3/2011 10:36

Matrix: Drinking Water

Sample ID: **Rabel.P.Aug.11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:55	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:55	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:55	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/12/11 23:55	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:55	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:55	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/12/11 23:55	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:55	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:55	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	75.9		%	70-130	EPA 524.2		8/12/11 23:55	MES	A
4-Bromofluorobenzene (S)	77.1		%	70-130	EPA 524.2		8/12/11 23:55	MES	A

**Sample Comments:**
  
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Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646019**

Date Collected: 8/3/2011 10:13

Matrix: Water

Sample ID: **Rusyn.B.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:25	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:25	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:25	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 20:25	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 20:25	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:25	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 20:25	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:25	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:25	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91.8		%	62-133	SW846 8260B		8/13/11 20:25	MES	A
4-Bromofluorobenzene (S)	82.9		%	79-114	SW846 8260B		8/13/11 20:25	MES	A
Dibromofluoromethane (S)	82.9		%	78-116	SW846 8260B		8/13/11 20:25	MES	A
Toluene-d8 (S)	88		%	76-127	SW846 8260B		8/13/11 20:25	MES	A

**Sample Comments:**
  
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Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646018**

Date Collected: 8/3/2011 10:07

Matrix: Water

 Sample ID: **Rusyn.B.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:03	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:03	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:03	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/13/11 20:03	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/13/11 20:03	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:03	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/13/11 20:03	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:03	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/13/11 20:03	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.3		%	62-133	SW846 8260B		8/13/11 20:03	MES	A
4-Bromofluorobenzene (S)	81.1		%	79-114	SW846 8260B		8/13/11 20:03	MES	A
Dibromofluoromethane (S)	78.2		%	78-116	SW846 8260B		8/13/11 20:03	MES	A
Toluene-d8 (S)	86.8		%	76-127	SW846 8260B		8/13/11 20:03	MES	A

**Sample Comments:**

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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

 Lab ID: **9919646017**

Date Collected: 8/3/2011 10:04

Matrix: Drinking Water

 Sample ID: **Rusyn.B.Aug11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:03	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:03	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:03	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/12/11 23:03	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:03	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:03	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/12/11 23:03	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:03	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/12/11 23:03	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	77.3		%	70-130	EPA 524.2		8/12/11 23:03	MES	A
4-Bromofluorobenzene (S)	81		%	70-130	EPA 524.2		8/12/11 23:03	MES	A

**Sample Comments:**
  
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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919646 27058.02 08/03/11

Lab ID: **9919646004**

Date Collected: 8/3/2011 07:20

Matrix: Drinking Water

Sample ID: **Young,J.Aug11**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Toluene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/16/11 13:47	MES	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/16/11 13:47	MES	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	98.1		%	70-130	EPA 524.2		8/16/11 13:47	MES	B
4-Bromofluorobenzene (S)	90.4		%	70-130	EPA 524.2		8/16/11 13:47	MES	B

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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 State Certifications: CT PH-0224, DE ID 11, GA 914, MA PA0102, MD 128, LA 04162, VA 421, WY EPA Region 8, WV 343

**CHAIN OF CUSTODY / REQUEST FOR ANALYSIS**

**ALL SHADDED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER. INSTRUCTIONS ON THE BACK.**

Page 1 of 4  
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 Tracking #: **8755-0897-7043**

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 Contact: **MARTIN GILGALLON** Phone: **570-487-1959**  
 Address: **827 MAIN STREET**  
**PECKVILLE PA 18452**

PO#: \_\_\_\_\_

Project Name: **27058.0A** ALSI Quote #: \_\_\_\_\_  
 Date Requested: \_\_\_\_\_ Approved By: \_\_\_\_\_

TAX:  Normal Standard TAX is 14-12 business days.  
 Rush Subject to ALSI approval and surcharges.

Email:  **DATATECH@HOTMAIL.COM**

**ANALYSIS METHOD REQUESTED**

Enter Number of Containers Per Analysis

Container No.	Type	Size	Preservative	Matrix	Quantity	Sample Date	Time	COG Comments
1	CG	CG	HCl	NEW LIST, EPA 8260	6	8/11/11	0705	6
2	CG	CG	HCl	NEW LIST, EPA 8260	6	8/11/11	0708	6
3	CG	CG	HCl	NEW LIST, EPA 8260	6	8/11/11	0710	6
4	CG	CG	HCl	NEW LIST, EPA 8260	6	8/11/11	0720	6
5	CG	CG	HCl	NEW LIST, EPA 8260	6	8/11/11	0725	6
6	CG	CG	HCl	NEW LIST, EPA 8260	6	8/11/11	0730	6
7	CG	CG	HCl	NEW LIST, EPA 8260	6	8/11/11	0741	6

COG Comments: \_\_\_\_\_

RECEIVED BY (Please Print): **KEVIN CURRA**  
 Relinquished By / Company Name: \_\_\_\_\_  
 Date: **8/11/11** Time: **1419**  
 Received By / Company Name: **FED EX** Date: **8/11/11** Time: **1419**

LOBBED BY (Signature): \_\_\_\_\_  
 REVIEWED BY (Signature): \_\_\_\_\_

COG Criteria Required?  YES  NO

FOOD Criteria Required?  YES  NO

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34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010, NY 11759, PA 22-293 DoD ELAP: A2LA 0818.01  
 State Certifications: CT PH-0224, DE ID 11, GA 914, MA PA0102, MD 128, LA 04162, VA 421, WY EPA Region 8, WV 343

Page 2 of 4  
 Carrier: FED EX  
 Tracking # 8155-6237-76213  
 09101644

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADEN AREAS MUST BE COMPLETED BY THE  
 CLIENT/SAMPLER INSTRUCTIONS ON THE BACK

**Analytical Laboratory Services, Inc.**  
 Environmental / Industrial Hygiene / Fast Services  
 24 Onsped Lane - Middletown, PA 17057 - 717-944-5541 - Fax: 717-944-1430

**Co. Name: PENNSYLVANIA TECTONICS INC**  
 Contact Person: MARTIN GILGALLON  
 Address: 826 MAIN STREET  
 PECKVILLE PA 18454  
 Phone: 570-487-1959

Sample No.	Sample Description/Location	CC Comments	Sample Date	Sample Time	Enter Number of Containers Per Analysis	Container ID	Container Type	Container Size	Container Pressure	Container Temp	Container Seal Intact?	Container Seals Intact?	Container Seals Present?	Container Seals Compromised/Sealed?	Container Seals Verified?	Container Seals Y or N
1	KAZUBA, R. A. A. 6.6 H. TREATED		8/13/11	0805	2											
2	KAZUBA, R. A. A. 6.6 H. MIDDLE		8/13/11	0810	0											
3	KAZUBA, R. A. A. 6.6 H. RAW		8/13/11	0815	0											
4	KALINOWSKI, K. A. 6.6 H. TREATED		8/13/11	0804	2											
5	KALINOWSKI, K. A. 6.6 H. MIDDLE		8/13/11	0808	0											
6	KALINOWSKI, K. A. 6.6 H. RAW		8/13/11	0813	0											
7																
8																

LOGGED BY: K. SNOW  
 RECEIVED BY: K. SNOW  
 Date: 8/13/11 1419  
 Time: 2  
 Company Name: PENNSYLVANIA TECTONICS INC

ANALYSIS METHOD REQUESTED: NEW LIST, EPA 8260  
 NEW LIST, EPA 504.2  
 NEW LIST, EPA 8260

RECEIPT INFORMATION: Received by: [Signature], Date: 8/13/11, Initials: [Signature]

COOLING INFORMATION: Cooler Temp: VC, Therm ID: 101332124

NO. OF COOLERS: [Blank]

NOTES: [Blank]

ALS FIELD SERVICES: Picked [ ], Collected [ ], Composite Sample [ ], Reused Equipment [ ], Other [ ]

SPM: Samples [ ], Standard [ ], CP-File [ ], HI-Reduced [ ], HI-Fill [ ], HI-Standard [ ]

DATA DELIVERIES: [Blank]

EDS: [Blank]

ISO 9001 CERTIFIED

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 State Certifications: CT PH-0224, DE ID 11, GA 914, MA PA0102, MD 128, LA 04162, VA 421, WY EPA Region 8, WV 343

Page 3 of 4  
 Course: **FED EX**  
 Tracking #: **8155-4839-7223**  
**09/06/16**

### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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**Analytical Laboratory Services, Inc.**  
 Environmental • Industrial Hygiene • Food Swabbers  
 34 Dogwood Lane • Middletown, PA 17057 • T: 717.944.5541 • Fax: 717.944.1430

**Co. Name:** PENNSYLVANIA TECTONICS INC.  
**Contact (person):** MARTIN GILGALLON Phone: 570-487-1959  
**Address:** 820 MAIN STREET PECKVILLE PA 18452

**Bill to (if different than Report to):** \_\_\_\_\_  
**PO#:** \_\_\_\_\_

**Project Name/ID:** 21058.04 **ALS Quote #:** \_\_\_\_\_  
**TAI:**  Normal Standard TAI is 10-12 business days. **Date Required:** \_\_\_\_\_  
 Rush Subject to ALS approval and surcharge. **Approved By:** \_\_\_\_\_

**Sample Description/Location:** (BEH will appear on the lab report)  
**Sample Date:** 8/31/19  
**Sample Time:** 6:00 AM  
**Container Type:** 6616  
**Container Size:** 100ML  
**Preservatives:** HCl HCl

**ANALYSES/METHODS REQUESTED:**  
 NEW LIST, EPA 504.2  
 PENNSYLVANIA UNLEADED  
 NEW LIST, EPA 8260

**Enter Number of Containers Per Analysis:**

Sample No.	Sample Date	Sample Time	Container Type	Container Size	Preservatives	Number of Containers
1	8/31/19	0933	6616	100ML	HCl HCl	2
2	8/31/19	0933	6616	100ML	HCl HCl	2
3	8/31/19	0942	6616	100ML	HCl HCl	2
4	8/31/19	1004	6616	100ML	HCl HCl	2
5	8/31/19	1057	6616	100ML	HCl HCl	2
6	8/31/19	1103	6616	100ML	HCl HCl	2

**RECEIPT INFORMATION (attach back to each container)**  
 Received by: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Cooler Temp: 4°C  
 Thermal ID: 101322724  
 No. of Containers: \_\_\_\_\_  
 Notes: \_\_\_\_\_

**Container Information (Circle appropriate Y or N)**

Corrected sample volumes?	Correct preservation?	Headspace/Volatil?	Container in good condition?
Y	Y	Y	N
Y	Y	Y	Y

**COC COMMENTS:**  
 1 KYVAHA, J. ARGON. TREATED  
 2 KYVAHA, J. ARGON. MIDDLE  
 3 KYVAHA, J. ARGON. RAW  
 4 RUSYN, B. ARGON. TREATED  
 5 RUSYN, B. ARGON. MIDDLE  
 6 RUSYN, B. ARGON. RAW

**ALS FIELD SERVICES:**  
 Priority  
 Labor  
 Composite Sampling  
 Personal Equipment  
 Other

**RECEIVED BY (person):** KEVIN COUDA  
**RECEIVED BY (company):** \_\_\_\_\_  
**Date:** 8/31/19  
**Time:** 2:00 PM  
**Received By (Company Name):** FED EX  
**Date:** 8/31/19  
**Time:** 4:00 PM  
**Received By (Company Name):** ACS

**COPIES:** 10  
 1 - Client  
 2 - ALS  
 3 - Laboratory  
 4 - Regulatory  
 5 - Other

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 5 - Other

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 State Certifications: CT PH-0224, DE ID 11, GA 914, MA PA0102, MD 128, LA 04162, VA 421, WY EPA Region 8, WV 343

**Page 4 of 14**  
 Contain: **FED EX**  
 Tracking #: **8155-4839-7023**

**09/04/14**

**CHAIN OF CUSTODY / REQUEST FOR ANALYSIS**  
**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.**

**Co. Name:** PENNSYLVANIA TECTONICS INC  
**Contact Name:** MARTIN GILGALLON  
**Address:** 826 MAIN STREET  
 PEACKVILLE PA 18452

**Phone:** 570-487-1454

**Project Name #:** 27058.08

**Sample Date:** 8/13/11

**Sample Time:** 1036

**Sample Location:** P. AUGER TREATED

**Sample Description:** P. AUGER TREATED

**Sample Date:** 8/13/11

**Sample Time:** 1039

**Sample Location:** P. AUGER MIDDLE

**Sample Description:** P. AUGER MIDDLE

**Sample Date:** 8/13/11

**Sample Time:** 1043

**Sample Location:** P. AUGER RAW

**Sample Description:** P. AUGER RAW

**Sample Date:** 8/13/11

**Sample Time:** 1105

**Sample Location:** W. AUGER TREATED

**Sample Description:** W. AUGER TREATED

**Sample Date:** 8/13/11

**Sample Time:** 1109

**Sample Location:** W. AUGER MIDDLE

**Sample Description:** W. AUGER MIDDLE

**Sample Date:** 8/13/11

**Sample Time:** 1114

**Sample Location:** W. AUGER RAW

**Sample Description:** W. AUGER RAW

**ANALYSIS METHOD REQUESTED**

Enter Number of Containers Per Analysis

1	2	3	4	5	6	7	8	9	10
2	2	2	2	2	2	2	2	2	2

**RECEIPT INFORMATION**

Received by: **CA**

Cost: **47**

Thru: **01/22/14**

No. of Containers: **10**

Notes:

Correct containers?  Y  N

Correct sample volumes?  Y  N

Correct preservatives?  Y  N

Headspace/volatiles?  Y  N

Containers in good condition?  Y  N

Circle appropriate Y or N

**ALS FIELD SERVICES**

Refrigeration:  Yes  No

Compress sampling:  Yes  No

Special equipment:  Yes  No

Check:  Yes  No

**DATA DELIVERABLES**

Standard:  Standard

GLP-like:  Yes  No

ALS Reduced:  Yes  No

NA-FU:  Yes  No

W. base type:  Yes  No

EDS:  Yes  No

BOD Criteria Required?  Yes  No

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August 16, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>9919650</b>
Purchase Order:	Workorder ID: <b>27058.02 08/03/11</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, August 04, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Technical Manager

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**SAMPLE SUMMARY**

Workorder: 9919650 27058.02 08/03/11

Discard Date: 08/30/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9919650001	Bright.B.Aug11.Treated	Drinking Water	8/3/11 07:03	8/4/11 09:10	Customer
9919650002	Bright.B.Aug11.Middle	Water	8/3/11 07:04	8/4/11 09:10	Customer
9919650003	Bright.B.Aug11.Raw	Water	8/3/11 07:14	8/4/11 09:10	Customer
9919650004	Steinmetz.M.Aug11.Treated	Drinking Water	8/3/11 07:30	8/4/11 09:10	Customer
9919650005	Steinmetz.M.Aug11.Middle	Water	8/3/11 07:36	8/4/11 09:10	Customer
9919650006	Steinmetz.M.Aug11.Raw	Water	8/3/11 07:40	8/4/11 09:10	Customer
9919650007	Strong.B.Aug11.Treated	Drinking Water	8/3/11 08:07	8/4/11 09:10	Customer
9919650008	Strong.B.Aug11.Middle	Water	8/3/11 08:15	8/4/11 09:10	Customer
9919650009	Strong.B.Aug11.Raw	Water	8/3/11 08:21	8/4/11 09:10	Customer
9919650010	Kowalski.W.Aug11.Treated	Drinking Water	8/3/11 08:30	8/4/11 09:10	Customer
9919650011	Kowalski.W.Aug11.Middle	Water	8/3/11 08:36	8/4/11 09:10	Customer
9919650012	Kowalski.W.Aug11.Raw	Water	8/3/11 08:42	8/4/11 09:10	Customer
9919650013	Hryhorcoff.M.Aug11.Treated	Drinking Water	8/3/11 09:02	8/4/11 09:10	Customer
9919650014	Hryhorcoff.M.Aug11.Middle	Water	8/3/11 09:07	8/4/11 09:10	Customer
9919650015	Hryhorcoff.M.Aug11.Raw	Water	8/3/11 09:13	8/4/11 09:10	Customer
9919650016	Trinovitch.J.Aug11.Treated	Drinking Water	8/3/11 09:31	8/4/11 09:10	Customer
9919650017	Trinovitch.J.Aug11.Middle	Water	8/3/11 09:35	8/4/11 09:10	Customer
9919650018	Trinovitch.J.Aug11.Raw	Water	8/3/11 09:41	8/4/11 09:10	Customer
9919650019	Pascavage.M.Aug11.Treated	Drinking Water	8/3/11 10:03	8/4/11 09:10	Customer
9919650020	Pascavage.M.Aug11.Middle	Water	8/3/11 10:09	8/4/11 09:10	Customer
9919650021	Pascavage.M.Aug11.Raw	Water	8/3/11 10:13	8/4/11 09:10	Customer
9919650022	Crossley.B.Aug11.Treated	Drinking Water	8/3/11 10:34	8/4/11 09:10	Customer
9919650023	Crossley.B.Aug11.Middle	Water	8/3/11 10:41	8/4/11 09:10	Customer
9919650024	Crossley.B.Aug11.Raw	Water	8/3/11 10:49	8/4/11 09:10	Customer
9919650025	King.H.Aug11.Treated	Drinking Water	8/3/11 11:00	8/4/11 09:10	Customer
9919650026	King.H.Aug11.Middle	Water	8/3/11 11:04	8/4/11 09:10	Customer
9919650027	King.H.Aug11.Raw	Water	8/3/11 11:08	8/4/11 09:10	Customer
9919650028	Nole.D.Aug11.Treated	Drinking Water	8/3/11 11:37	8/4/11 09:10	Customer
9919650029	Nole.D.Aug11.Middle	Water	8/3/11 11:43	8/4/11 09:10	Customer
9919650030	Nole.D.Aug11.Raw	Water	8/3/11 11:50	8/4/11 09:10	Customer
9919650031	Kuzmiak.M.Aug11.Treated	Drinking Water	8/3/11 13:00	8/4/11 09:10	Customer
9919650032	Kuzmiak.M.Aug11.Middle	Water	8/3/11 13:06	8/4/11 09:10	Customer
9919650033	Kuzmiak.M.Aug11.Raw	Water	8/3/11 13:13	8/4/11 09:10	Customer

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### SAMPLE SUMMARY

Workorder: 9919650 27058.02 08/03/11

Discard Date: 08/30/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9919650034	Kropiewnicki.R.Aug11.Treated	Drinking Water	8/3/11 13:35	8/4/11 09:10	Customer
9919650035	Kropiewnicki.R.Aug11.Middle	Water	8/3/11 13:41	8/4/11 09:10	Customer
9919650036	Kropiewnicki.R.Aug11.Raw	Water	8/3/11 13:44	8/4/11 09:10	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650003**

Date Collected: 8/3/2011 07:14

Matrix: Water

Sample ID: **Bright.B.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:32	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:32	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:32	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 18:32	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 18:32	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:32	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 18:32	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:32	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:32	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.8		%	62-133	SW846 8260B		8/14/11 18:32	DD	A
4-Bromofluorobenzene (S)	83.1		%	79-114	SW846 8260B		8/14/11 18:32	DD	A
Dibromofluoromethane (S)	79		%	78-116	SW846 8260B		8/14/11 18:32	DD	A
Toluene-d8 (S)	86.6		%	76-127	SW846 8260B		8/14/11 18:32	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650002**

Date Collected: 8/3/2011 07:04

Matrix: Water

Sample ID: **Bright.B.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND	1	ug/L	1.0	SW846 8260B		8/14/11 18:10	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:10	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:10	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 18:10	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 18:10	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:10	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 18:10	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:10	DD	A
1,3,5-Trimethylbenzene	ND	2	ug/L	1.0	SW846 8260B		8/14/11 18:10	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.6		%	62-133	SW846 8260B		8/14/11 18:10	DD	A
4-Bromofluorobenzene (S)	82.7		%	79-114	SW846 8260B		8/14/11 18:10	DD	A
Dibromofluoromethane (S)	81.9		%	78-116	SW846 8260B		8/14/11 18:10	DD	A
Toluene-d8 (S)	88.7		%	76-127	SW846 8260B		8/14/11 18:10	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650001**

Date Collected: 8/3/2011 07:03

Matrix: Drinking Water

Sample ID: **Bright.B.Aug11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:48	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:48	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:48	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 00:48	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:48	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:48	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 00:48	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:48	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 00:48	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	82.3		%	70-130	EPA 524.2		8/13/11 00:48	MES	A
4-Bromofluorobenzene (S)	80.2		%	70-130	EPA 524.2		8/13/11 00:48	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650024**

Date Collected: 8/3/2011 10:49

Matrix: Water

Sample ID: **Crossley.B.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:42	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:42	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:42	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 23:42	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 23:42	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:42	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 23:42	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:42	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:42	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.3		%	62-133	SW846 8260B		8/14/11 23:42	DD	A
4-Bromofluorobenzene (S)	81.8		%	79-114	SW846 8260B		8/14/11 23:42	DD	A
Dibromofluoromethane (S)	78.3		%	78-116	SW846 8260B		8/14/11 23:42	DD	A
Toluene-d8 (S)	87.4		%	76-127	SW846 8260B		8/14/11 23:42	DD	A

**Sample Comments:**
  
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Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650023**

Date Collected: 8/3/2011 10:41

Matrix: Water

Sample ID: **Crossley.B.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:20	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:20	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:20	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 23:20	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 23:20	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:20	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 23:20	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:20	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 23:20	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.1		%	62-133	SW846 8260B		8/14/11 23:20	DD	A
4-Bromofluorobenzene (S)	82.4		%	79-114	SW846 8260B		8/14/11 23:20	DD	A
Dibromofluoromethane (S)	79.1		%	78-116	SW846 8260B		8/14/11 23:20	DD	A
Toluene-d8 (S)	88		%	76-127	SW846 8260B		8/14/11 23:20	DD	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650022**

Date Collected: 8/3/2011 10:34

Matrix: Drinking Water

 Sample ID: **Crossley.B.Aug11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:51	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:51	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:51	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 03:51	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:51	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:51	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 03:51	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:51	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:51	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	76.4		%	70-130	EPA 524.2		8/13/11 03:51	MES	A
4-Bromofluorobenzene (S)	77.1		%	70-130	EPA 524.2		8/13/11 03:51	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650015** Date Collected: 8/3/2011 09:13 Matrix: Water  
Sample ID: **Hryhorcoff.M.Aug11.Raw** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:30	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:30	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:30	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 21:30	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 21:30	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:30	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 21:30	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:30	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:30	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.1		%	62-133	SW846 8260B		8/14/11 21:30	DD	A
4-Bromofluorobenzene (S)	81.7		%	79-114	SW846 8260B		8/14/11 21:30	DD	A
Dibromofluoromethane (S)	80		%	78-116	SW846 8260B		8/14/11 21:30	DD	A
Toluene-d8 (S)	87.6		%	76-127	SW846 8260B		8/14/11 21:30	DD	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650014** Date Collected: 8/3/2011 09:07 Matrix: Water  
 Sample ID: **Hryhorcoff.M.Aug11.Middle** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:08	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:08	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:08	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 21:08	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 21:08	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:08	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 21:08	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:08	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:08	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.4		%	62-133	SW846 8260B		8/14/11 21:08	DD	A
4-Bromofluorobenzene (S)	80.8		%	79-114	SW846 8260B		8/14/11 21:08	DD	A
Dibromofluoromethane (S)	79		%	78-116	SW846 8260B		8/14/11 21:08	DD	A
Toluene-d8 (S)	87		%	76-127	SW846 8260B		8/14/11 21:08	DD	A

**Sample Comments:**
  
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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650013** Date Collected: 8/3/2011 09:02 Matrix: Drinking Water  
Sample ID: **Hryhorcoff.M.Aug11.Treated** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:33	MES A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:33	MES A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:33	MES A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 02:33	MES A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:33	MES A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:33	MES A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 02:33	MES A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:33	MES A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:33	MES A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	77.5		%	70-130	EPA 524.2		8/13/11 02:33	MES A
4-Bromofluorobenzene (S)	78.5		%	70-130	EPA 524.2		8/13/11 02:33	MES A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650027**

Date Collected: 8/3/2011 11:08

Matrix: Water

 Sample ID: **King.H.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:27	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:27	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:27	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/15/11 00:27	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/15/11 00:27	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:27	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/15/11 00:27	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:27	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:27	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.9		%	62-133	SW846 8260B		8/15/11 00:27	DD	A
4-Bromofluorobenzene (S)	81.5		%	79-114	SW846 8260B		8/15/11 00:27	DD	A
Dibromofluoromethane (S)	79.5		%	78-116	SW846 8260B		8/15/11 00:27	DD	A
Toluene-d8 (S)	86.3		%	76-127	SW846 8260B		8/15/11 00:27	DD	A

**Sample Comments:**
  
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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650026**

Date Collected: 8/3/2011 11:04

Matrix: Water

 Sample ID: **King.H.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:05	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:05	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:05	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/15/11 00:05	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/15/11 00:05	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:05	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/15/11 00:05	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:05	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:05	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.7		%	62-133	SW846 8260B		8/15/11 00:05	DD	A
4-Bromofluorobenzene (S)	83.1		%	79-114	SW846 8260B		8/15/11 00:05	DD	A
Dibromofluoromethane (S)	78.8		%	78-116	SW846 8260B		8/15/11 00:05	DD	A
Toluene-d8 (S)	86.8		%	76-127	SW846 8260B		8/15/11 00:05	DD	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650025**

Date Collected: 8/3/2011 11:00

Matrix: Drinking Water

 Sample ID: **King.H.Aug11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 04:17	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 04:17	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 04:17	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 04:17	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 04:17	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 04:17	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 04:17	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 04:17	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 04:17	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	74.9		%	70-130	EPA 524.2		8/13/11 04:17	MES	A
4-Bromofluorobenzene (S)	77.2		%	70-130	EPA 524.2		8/13/11 04:17	MES	A

**Sample Comments:**
  
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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650012**

Date Collected: 8/3/2011 08:42

Matrix: Water

Sample ID: **Kowalski.W.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:45	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:45	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:45	DD	A
Methyl t-Butyl Ether	1.1		ug/L	1.0	SW846 8260B		8/14/11 20:45	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 20:45	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:45	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 20:45	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:45	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:45	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87		%	82-133	SW846 8260B		8/14/11 20:45	DD	A
4-Bromofluorobenzene (S)	81.9		%	79-114	SW846 8260B		8/14/11 20:45	DD	A
Dibromofluoromethane (S)	78.1		%	78-116	SW846 8260B		8/14/11 20:45	DD	A
Toluene-d8 (S)	86		%	76-127	SW846 8260B		8/14/11 20:45	DD	A

**Sample Comments:**
  
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Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650011**

Date Collected: 8/3/2011 08:36

Matrix: Water

Sample ID: **Kowalski.W.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:23	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:23	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:23	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 20:23	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 20:23	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:23	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 20:23	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:23	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:23	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.1		%	62-133	SW846 8260B		8/14/11 20:23	DD	A
4-Bromofluorobenzene (S)	81		%	79-114	SW846 8260B		8/14/11 20:23	DD	A
Dibromofluoromethane (S)	80.4		%	78-116	SW846 8260B		8/14/11 20:23	DD	A
Toluene-d8 (S)	86.8		%	76-127	SW846 8260B		8/14/11 20:23	DD	A

**Sample Comments:**
  
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Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650010** Date Collected: 8/3/2011 08:30 Matrix: Drinking Water  
 Sample ID: **Kowalski.W.Aug11.Treated** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:06	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:06	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:06	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 02:06	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:06	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:06	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 02:06	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:06	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:06	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	74.5		%	70-130	EPA 524.2		8/13/11 02:06	MES	A
4-Bromofluorobenzene (S)	77.4		%	70-130	EPA 524.2		8/13/11 02:06	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650036**

Date Collected: 8/3/2011 13:44

Matrix: Water

Sample ID: **Kropiewnicki.R.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:40	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:40	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:40	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/15/11 11:40	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/15/11 11:40	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:40	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/15/11 11:40	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:40	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:40	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	106		%	62-133	SW846 8260B		8/15/11 11:40	MES	A
4-Bromofluorobenzene (S)	91.5		%	79-114	SW846 8260B		8/15/11 11:40	MES	A
Dibromofluoromethane (S)	93.2		%	78-116	SW846 8260B		8/15/11 11:40	MES	A
Toluene-d8 (S)	97.4		%	76-127	SW846 8260B		8/15/11 11:40	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650035**

Date Collected: 8/3/2011 13:41

Matrix: Water

 Sample ID: **Kroplewnicki.R.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:06	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:06	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:06	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/15/11 11:06	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/15/11 11:06	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:06	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/15/11 11:06	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:06	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 11:06	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62-133	SW846 8260B		8/15/11 11:06	MES	A
4-Bromofluorobenzene (S)	88.8		%	79-114	SW846 8260B		8/15/11 11:06	MES	A
Dibromofluoromethane (S)	93.3		%	78-116	SW846 8260B		8/15/11 11:06	MES	A
Toluene-d8 (S)	97.7		%	76-127	SW846 8260B		8/15/11 11:06	MES	A

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650034**

Date Collected: 8/3/2011 13:35

Matrix: Drinking Water

 Sample ID: **Kropiewnicki.R.Aug11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:36	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:36	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:36	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/15/11 11:36	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:36	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:36	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/15/11 11:36	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:36	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:36	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	90.6		%	70-130	EPA 524.2		8/15/11 11:36	MES	A
4-Bromofluorobenzene (S)	88.6		%	70-130	EPA 524.2		8/15/11 11:36	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650033** Date Collected: 8/3/2011 13:13 Matrix: Water  
 Sample ID: **Kuzmiak.M.Aug11.Raw** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/15/11 10:32	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 10:32	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 10:32	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/15/11 10:32	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/15/11 10:32	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/15/11 10:32	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/15/11 10:32	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 10:32	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 10:32	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		8/15/11 10:32	MES	A
4-Bromofluorobenzene (S)	89.2		%	79-114	SW846 8260B		8/15/11 10:32	MES	A
Dibromofluoromethane (S)	91		%	78-116	SW846 8260B		8/15/11 10:32	MES	A
Toluene-d8 (S)	97.2		%	76-127	SW846 8260B		8/15/11 10:32	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650032**

Date Collected: 8/3/2011 13:06

Matrix: Water

 Sample ID: **Kuzmiak.M.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:59	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:59	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:59	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/15/11 09:59	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/15/11 09:59	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:59	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/15/11 09:59	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:59	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:59	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		8/15/11 09:59	MES	A
4-Bromofluorobenzene (S)	92.1		%	79-114	SW846 8260B		8/15/11 09:59	MES	A
Dibromofluoromethane (S)	91.9		%	78-116	SW846 8260B		8/15/11 09:59	MES	A
Toluene-d8 (S)	97.9		%	76-127	SW846 8260B		8/15/11 09:59	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650031** Date Collected: 8/3/2011 13:00 Matrix: Drinking Water  
 Sample ID: **Kuzmiak.M.Aug11.Treated** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:12	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:12	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:12	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/15/11 11:12	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:12	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:12	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/15/11 11:12	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:12	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 11:12	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	93.6		%	70-130	EPA 524.2		8/15/11 11:12	MES	A
4-Bromofluorobenzene (S)	91.2		%	70-130	EPA 524.2		8/15/11 11:12	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650030**

Date Collected: 8/3/2011 11:50

Matrix: Water

Sample ID: **Note.D.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:25	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:25	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:25	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/15/11 09:25	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/15/11 09:25	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:25	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/15/11 09:25	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:25	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 09:25	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	106		%	62-133	SW846 8260B		8/15/11 09:25	MES	A
4-Bromofluorobenzene (S)	91.1		%	79-114	SW846 8260B		8/15/11 09:25	MES	A
Dibromofluoromethane (S)	95.2		%	78-116	SW846 8260B		8/15/11 09:25	MES	A
Toluene-d8 (S)	98		%	76-127	SW846 8260B		8/15/11 09:25	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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### ANALYTICAL RESULTS

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650029**

Date Collected: 8/3/2011 11:43

Matrix: Water

Sample ID: **Nole.D.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:49	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:49	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:49	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/15/11 00:49	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/15/11 00:49	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:49	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/15/11 00:49	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:49	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/15/11 00:49	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.1		%	62-133	SW846 8260B		8/15/11 00:49	DD	A
4-Bromofluorobenzene (S)	80.8		%	79-114	SW846 8260B		8/15/11 00:49	DD	A
Dibromofluoromethane (S)	79.5		%	78-116	SW846 8260B		8/15/11 00:49	DD	A
Toluene-d8 (S)	86.5		%	76-127	SW846 8260B		8/15/11 00:49	DD	A

**Sample Comments:**

  
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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650028**

Date Collected: 8/3/2011 11:37

Matrix: Drinking Water

 Sample ID: **Nole.D.Aug11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/15/11 10:47	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 10:47	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 10:47	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/15/11 10:47	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/15/11 10:47	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/15/11 10:47	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/15/11 10:47	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 10:47	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/15/11 10:47	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	91.7		%	70-130	EPA 524.2		8/15/11 10:47	MES	A
4-Bromofluorobenzene (S)	89.9		%	70-130	EPA 524.2		8/15/11 10:47	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650021** Date Collected: 8/3/2011 10:13 Matrix: Water  
 Sample ID: **Pascavage.M.Aug11.Raw** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:58	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:58	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:58	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 22:58	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 22:58	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:58	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 22:58	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:58	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:58	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.1		%	62-133	SW846 8260B		8/14/11 22:58	DD	A
4-Bromofluorobenzene (S)	83.7		%	79-114	SW846 8260B		8/14/11 22:58	DD	A
Dibromofluoromethane (S)	81.4		%	78-116	SW846 8260B		8/14/11 22:58	DD	A
Toluene-d8 (S)	87.6		%	76-127	SW846 8260B		8/14/11 22:58	DD	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650020** Date Collected: 8/3/2011 10:09 Matrix: Water  
Sample ID: **Pascavage.M.Aug11.Middle** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:36	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:36	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:36	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 22:36	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 22:36	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:36	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 22:36	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:36	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:36	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.3		%	62-133	SW846 8260B		8/14/11 22:36	DD	A
4-Bromofluorobenzene (S)	82.8		%	79-114	SW846 8260B		8/14/11 22:36	DD	A
Dibromofluoromethane (S)	79.8		%	78-116	SW846 8260B		8/14/11 22:36	DD	A
Toluene-d8 (S)	87.2		%	76-127	SW846 8260B		8/14/11 22:36	DD	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650019** Date Collected: 8/3/2011 10:03 Matrix: Drinking Water  
Sample ID: **Pascavage.M.Aug11.Treated** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:25	MES A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:25	MES A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:25	MES A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 03:25	MES A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:25	MES A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:25	MES A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 03:25	MES A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:25	MES A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 03:25	MES A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By Cntr</i>
1,2-Dichlorobenzene-d4 (S)	76.7		%	70-130	EPA 524.2		8/13/11 03:25	MES A
4-Bromofluorobenzene (S)	80.9		%	70-130	EPA 524.2		8/13/11 03:25	MES A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650006**

Date Collected: 8/3/2011 07:40

Matrix: Water

 Sample ID: **Steinmetz.M.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:17	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:17	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:17	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 19:17	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 19:17	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:17	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 19:17	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:17	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:17	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.7		%	62-133	SW846 8260B		8/14/11 19:17	DD	A
4-Bromofluorobenzene (S)	83.5		%	79-114	SW846 8260B		8/14/11 19:17	DD	A
Dibromofluoromethane (S)	79.9		%	78-116	SW846 8260B		8/14/11 19:17	DD	A
Toluene-d8 (S)	86.8		%	76-127	SW846 8260B		8/14/11 19:17	DD	A

**Sample Comments:**
  
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 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650005** Date Collected: 8/3/2011 07:36 Matrix: Water  
Sample ID: **Steinmetz.M.Aug11.Middle** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8280B		8/14/11 18:55	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8280B		8/14/11 18:55	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8280B		8/14/11 18:55	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 18:55	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 18:55	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:55	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 18:55	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:55	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 18:55	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.8		%	62-133	SW846 8260B		8/14/11 18:55	DD	A
4-Bromofluorobenzene (S)	80.5		%	79-114	SW846 8260B		8/14/11 18:55	DD	A
Dibromofluoromethane (S)	78.3		%	78-116	SW846 8260B		8/14/11 18:55	DD	A
Toluene-d8 (S)	86.5		%	76-127	SW846 8260B		8/14/11 18:55	DD	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650004** Date Collected: 8/3/2011 07:30 Matrix: Drinking Water  
Sample ID: **Steinmetz.M.Aug11.Treated** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:14	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:14	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:14	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 01:14	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:14	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:14	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 01:14	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:14	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:14	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	81.5		%	70-130	EPA 524.2		8/13/11 01:14	MES	A
4-Bromofluorobenzene (S)	80.3		%	70-130	EPA 524.2		8/13/11 01:14	MES	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650009**

Date Collected: 8/3/2011 08:21

Matrix: Water

 Sample ID: **Strong.B.Aug11.Raw**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:01	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:01	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:01	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 20:01	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 20:01	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:01	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 20:01	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:01	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 20:01	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91		%	62-133	SW846 8260B		8/14/11 20:01	DD	A
4-Bromofluorobenzene (S)	82.5		%	79-114	SW846 8260B		8/14/11 20:01	DD	A
Dibromofluoromethane (S)	81		%	78-116	SW846 8260B		8/14/11 20:01	DD	A
Toluene-d8 (S)	86.7		%	76-127	SW846 8260B		8/14/11 20:01	DD	A

**Sample Comments:**
  
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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650008**

Date Collected: 8/3/2011 08:15

Matrix: Water

 Sample ID: **Strong.B.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:39	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:39	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:39	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 19:39	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 19:39	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:39	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 19:39	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:39	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 19:39	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.2		%	62-133	SW846 8260B		8/14/11 19:39	DD	A
4-Bromofluorobenzene (S)	80.8		%	79-114	SW846 8260B		8/14/11 19:39	DD	A
Dibromofluoromethane (S)	78.1		%	78-116	SW846 8260B		8/14/11 19:39	DD	A
Toluene-d8 (S)	86		%	76-127	SW846 8260B		8/14/11 19:39	DD	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650007**

Date Collected: 8/3/2011 08:07

Matrix: Drinking Water

Sample ID: **Strong.B.Aug11.Treated**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:40	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:40	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:40	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 01:40	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:40	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:40	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 01:40	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:40	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 01:40	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79		%	70-130	EPA 524.2		8/13/11 01:40	MES	A
4-Bromofluorobenzene (S)	79.6		%	70-130	EPA 524.2		8/13/11 01:40	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650018** Date Collected: 8/3/2011 09:41 Matrix: Water  
 Sample ID: **Trinovitch.J.Aug11.Raw** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:14	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:14	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:14	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 22:14	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 22:14	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:14	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 22:14	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:14	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 22:14	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.8		%	62-133	SW846 8260B		8/14/11 22:14	DD	A
4-Bromofluorobenzene (S)	82.6		%	79-114	SW846 8260B		8/14/11 22:14	DD	A
Dibromofluoromethane (S)	78.1		%	78-116	SW846 8260B		8/14/11 22:14	DD	A
Toluene-d8 (S)	87.2		%	76-127	SW846 8260B		8/14/11 22:14	DD	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

Lab ID: **9919650017**

Date Collected: 8/3/2011 09:35

Matrix: Water

Sample ID: **Trinovitch.J.Aug11.Middle**

Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:52	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:52	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:52	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		8/14/11 21:52	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		8/14/11 21:52	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:52	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		8/14/11 21:52	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:52	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		8/14/11 21:52	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	88.9		%	62-133	SW846 8260B		8/14/11 21:52	DD	A
4-Bromofluorobenzene (S)	81.6		%	79-114	SW846 8260B		8/14/11 21:52	DD	A
Dibromofluoromethane (S)	79.1		%	78-116	SW846 8260B		8/14/11 21:52	DD	A
Toluene-d8 (S)	86.6		%	76-127	SW846 8260B		8/14/11 21:52	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9919650 27058.02 08/03/11

 Lab ID: **9919650016** Date Collected: 8/3/2011 09:31 Matrix: Drinking Water  
 Sample ID: **Trinovitch.J.Aug11.Treated** Date Received: 8/4/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:59	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:59	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:59	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		8/13/11 02:59	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:59	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:59	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		8/13/11 02:59	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:59	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		8/13/11 02:59	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	75.3		%	70-130	EPA 524.2		8/13/11 02:59	MES	A
4-Bromofluorobenzene (S)	77.1		%	70-130	EPA 524.2		8/13/11 02:59	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9919650 27058.02 08/03/11

#### PARAMETER QUALIFIERS\FLAGS

- [1] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Benzene. The % Recovery was reported as 125 and the control limits were 80 to 124.
  
- [2] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte 1,3,5-Trimethylbenzene. The % Recovery was reported as 126 and the control limits were 76 to 125.

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**Analytical Laboratory Services, Inc.**

Environmental • Industrial Hygiene • Field Services

34 Dogwood Lane • Middletown, PA 17057 • 717.944.5541 • Fax: 717.944.1430

**CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS**

**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.**

Page 1 of 6  
 Courier: FedEx  
 Tracking #: 2155-637-7005

000#

**Co. Name:** CONCRETE SOLUTIONS **Phone:** 717-944-1430  
**Contact (print):** MARK GILBERTSON  
**Address:** 3200 N. BROAD STREET  
DELEWATTA PA 19340

**Bill to:** (if different than Receipt by)  
**PO#:** \_\_\_\_\_

**Project Name#:** 2155-637-7005 **ALSI Quote #:** \_\_\_\_\_

**TAT:**  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALSI approval and surcharges.

**Email?**  MARK.GILBERTSON@CONCRETE-SOLUTIONS.COM  
**Fax?**  717-944-1430

**Sample Description/Location:** CONCRETE SOLUTIONS  
**COC Comments:** CONCRETE SOLUTIONS  
CONCRETE SOLUTIONS  
CONCRETE SOLUTIONS  
CONCRETE SOLUTIONS  
CONCRETE SOLUTIONS  
CONCRETE SOLUTIONS  
CONCRETE SOLUTIONS  
CONCRETE SOLUTIONS

**Sample Date:** \_\_\_\_\_ **Military Time:** \_\_\_\_\_

Matrix	9 or C	Enter Number of Containers Per Analysis	LOGGED BY (signature):	REVIEWED BY (signature):	Date	Time	Received By / Company Name	Date	Time

**Receipt Information** (Sealed by Sample Description)  
 Performed by: \_\_\_\_\_ Initial: HER  
 Cooler Temp: \_\_\_\_\_  
 Therm. ID: \_\_\_\_\_  
 No. of Coolers: \_\_\_\_\_  
 Notes: \_\_\_\_\_

Correct containers?	Y	N
(If present) Seals intact?	Y	N
Received on ice?	Y	N
Correct preservation?	Y	N
Headspace/Volatiles?	Y	N
COC labels complete/accurate?	Y	N
Container in good condition?	Y	N

Circle appropriate Y or N.

**ALSIFIELD SERVICES**  
 Pickup  
 Labor  
 Composite Sampling  
 Rental Equipment  
 Other:

**Data Deliverables**  
 Standard:   
 CLP-like:   
 NP: Reduced:   
 NDFull:   
 Pys: format type:   
 Other: \_\_\_\_\_

**EDDS**  
 State Sample Collected in?  NJ  NY  PA

**90D Criteria Required?**



**Analytical Laboratory Services, Inc.**  
Environmental • Industrial Hygiene • Field Services

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

**ALL SHADED AREAS MUST BE COMPLETED BY THE  
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Page 2 of 6  
Courier: FedEx  
Tracking # 97554377023

**Co. Name:** PENNSYLVANIA TESTING INC.  
**Contact (report to):** MONTY GIGLON  
**Address:** 322 MAIN STREET  
PECKAYLS PA 17057  
**Phone:**

**Bill to (if different than Report to):**  
**PO#:**  
**Project Name#:** 0703304  
**ALSI Quote #:**  
**Date Required:**  
**Approved By:**

**Normal-Standard TAT is 10-12 business days.**  
**Rush-Subject to ALSI approval and surcharges.**  
**Y**  **Y**  **Y**   
**Email?** **Fax?** **Y No.**

Container Type	Container Size	Preservative	ANALYSES/METHOD REQUESTED	Enter Number of Containers Per Analysis	Matrix	G of C	Sample Date	Military Time	COC Comments	LOGGED BY (signature):		REVIEWED BY (signature):		Date	Time	Received By / Company Name	Date	Time
										TIME	SIGNATURE	TIME	SIGNATURE					
60	60						8/11/19	0800					2	1400	FedEx	8/11/19		
60	60						8/11/19	0800					4					
60	60						8/11/19	0800					6					
60	60						8/11/19	0800					8					
60	60						8/11/19	0800					10					

**Receipt Information**  
(Contacted by Sample Acquisition)  
Performed by: **UNICAL/HELE**  
Cooler Temp: \_\_\_\_\_  
Therm. ID: \_\_\_\_\_  
No. of Coolers: \_\_\_\_\_  
Notes: \_\_\_\_\_

Correct sample volume?	Y	N
(If present) Seals intact?	Y	N
Received on ice?	Y	N
COC/labels complete/accurate?	Y	N
Container in good condition?	Y	N
Correct containers?	Y	N
Correct preservation?	Y	N
Head-space/Volatiles?	Y	N
Circle appropriate Y or N.		

**ALSII FIELD SERVICES**  
 Pickup  
 Labor  
 Composite Sampling  
 Rental Equipment  
 Other: \_\_\_\_\_

**Data Deliverables**  
 Standard  
 CLP-like  
 NI-Reduced  
 NI-Full  
 If yes, format type: Other \_\_\_\_\_  
 EDBs required  
 LOD Criteria Required?

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
			2	8/11/19	1400
			4		
			6		
			8		
			10		





Ship to: 34 Dogwood Lane • Middletown, PA 17057 • 717.944.5541 • Fax: 717.944.1430

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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**Co. Name:** PENNSYLVANIA TECTONICS INC  
**Contact (Report to):** MAGGOTIN GILLGALLON **Phone:**  
**Address:** 824 MAIN STREET 570-407-1953  
 PECKVILLE PA 18452

**Bill to** (if different than Report to):  
**PO#:**  
**Project Name#:** 5705804 **ALS Quote #:**

**TAT:**  Normal-Standard TAT is 10-12 business days. **Date Required:**  
 Rush-Subject to ALSI approval and surcharges. **Approved By:**

**Email?**  **Y** **Fax?**  **Y** **No.**  
 Y PATECENES@HOMAIL.COM

Sample Description/Location <small>(as it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time
1 HARVORCOFF.M. AUGER TREATN		8/31/11	0903
2 HARVORCOFF.M. AUGER TREATN		8/31/11	0907
3 HARVORCOFF.M. AUGER TREATN		8/31/11	0913
4 TRINOVITCH.J. AUGER TREATED		8/31/11	0931
5 TRINOVITCH.J. AUGER TREATED		8/31/11	0935
6 TRINOVITCH.J. AUGER TREATED		8/31/11	0941
7			
8			

SAMPLER BY (Please Print): <i>Jane L... ..</i>	LOGGED BY (signature):		REVIEWED BY (signature):	
	Date	Time	Date	Time
1 <i>Jane L...</i>	8/31/11	0911	2 Fed Ex	5:30 11/9
3			4	
5			6	
7			8	
9			10	

Receipt information <small>(as required by State, if applicable)</small>		Container		ANALYSES/METHOD REQUESTED		Enter Number of Containers Per Analysis		Data Deliverables		ALS FIELD SERVICES	
Performed by:	INITIAL HERE	Type	Size	Preservative	Matrix	G or C	M	Standard	SDWA Form? <input type="checkbox"/> yes <input type="checkbox"/> no	State Samples Collected In? <input type="checkbox"/> MD <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> PA	Pickup <input type="checkbox"/>
Cooler Temp:								CLP-like <input type="checkbox"/>			Labor <input type="checkbox"/>
Therm. ID:								NJ-Reduced <input type="checkbox"/>			Composite Sampling <input type="checkbox"/>
No. of Coolers:								NJ-Full <input type="checkbox"/>			Rental Equipment <input type="checkbox"/>
Notes:								<input type="checkbox"/> If yes, format type: <input type="checkbox"/> Other			Other: <input type="checkbox"/>
Correct containers? <input type="checkbox"/> Y <input type="checkbox"/> N								<input type="checkbox"/> EDS Required?			
Correct sample volume? <input type="checkbox"/> Y <input type="checkbox"/> N								<input type="checkbox"/> DOD Criteria Required?			
Received on ice? <input type="checkbox"/> Y <input type="checkbox"/> N											
(If present) Seals intact? <input type="checkbox"/> Y <input type="checkbox"/> N											
COC/Labels complete/accurate? <input type="checkbox"/> Y <input type="checkbox"/> N											
Container in good condition? <input type="checkbox"/> Y <input type="checkbox"/> N											

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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Ship to: 34 Dogwood Lane • Middletown, PA 17057 • 717.944.5541 • Fax: 717.944.1430

**Co. Name:** PENNSYLVANIA TECHNOLOGIES INC  
**Contact:** Report to: MARTIN GILBOLLON Phone: 510-457-1959  
**Address:** 826 MAIN STREET  
 PECKVILLE PA 18450

**Bill to** (if different than Report to):

**PO#:**

**Project Name#:** 27058204 **ALS Quote #:**

**TAT:**  Normal-Standard TAT is 10-12 business days. **Date Required:**  
 Rush-Subject to ALSI approval and surcharges. **Approved By:**

**Email?**  **Fax?**  **Y** **Y** **DATE** **TECHNICS** **@** **HOTMAIL.COM**

Sample Description/Location <small>(as it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time
1 PASCHALEN, B. AUGER TREATED		8/31/11	1003
2 PASCHALEN, B. AUGER MIDDLE		8/31/11	1009
3 PASCHALEN, B. AUGER RAW		8/31/11	1015
4 CROSSLEY, B. AUGER TREATED		8/31/11	1034
5 CROSSLEY, B. AUGER MIDDLE		8/31/11	1041
6 CROSSLEY, B. AUGER RAW		8/31/11	1049
7			
8			

**SAMPLED BY (Please Print):** JERRY BUSCHUSKY

**LOGGED BY (signature):**

**REVIEWED BY (signature):**

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Jerry Buschusky PA Technologies	8/31/11	1419	2 FedEx	8/31/11	1419
3			4		
5			6		
7			8		
9			10		

Receipt information <small>(Completed by Sample Receiver)</small>		Performance By:		INITIAL HERE	
Correct containers?	Y	N			
(If present) Seals intact?	Y	N			
Received on ice?	Y	N			
COC/Labels complete/accurate?	Y	N			
Container in good condition?	Y	N			

ANALYSES/METHOD REQUESTED		Enter Number of Containers Per Analysis	
Container Type	2G CG		
Container Size	400L 400L		
Preservatives	HCl HCl		
NEW LIST, EPA 529.3 PENNSYLVANIA UNLEADED			
NEW LIST, EPA 826.0 PENNSYLVANIA UNLEADED			

Data Deliverables		Standard		SUWA Forensics?		State Samples Collected In?	
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> CLP-like	<input type="checkbox"/> NJ-Reduced	<input type="checkbox"/> NJ-Full	yes	no	MD	
<input type="checkbox"/> if yes, format type:				yes	no	NJ	
				yes	no	NY	
				yes	no	PA	
				Other:			

ALS FIELD SERVICES	
<input type="checkbox"/> Pickup	
<input type="checkbox"/> Labor	
<input type="checkbox"/> Composite Sampling	
<input type="checkbox"/> Rental Equipment	
<input type="checkbox"/> Other:	

Page 4 of 6  
 Courier: FEDEX  
 Tracking #: 8155-6839-7023



Ship to: 34 Dogwood Lane • Middletown, PA 17057 • 717.944.5541 • Fax: 717.944.1430



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New part of the ALS group

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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Page 5 of 6  
Courier: FED EX  
Tracking #: 8755-6837-7033

**Co. Name:** PENNSYLVANIA TECTONICS INC  
**Contact (Report to):** MARTIN GILGALLON  
**Address:** 826 MAIN STREET  
PECKVILLE PA 18152  
**Phone:** 570-487-1959

**PO#:**

**Project Name#:** 2705804 **ALS Quote #:**

**TAT:**  Normal-Standard (TAT is 10-12 business days).  
 Rush-Subject to ALSI approval and surcharges.

**Email?**  **Fax?**

**Sample Description/Location**  
(as it will appear on the lab report)

Sample Date	Military Time	COC Comments
8/31/11 1100	6:00	NEW LIST EPA 8260
8/31/11 1104	6:00	PENNSYLVANIA UNLEADED
8/31/11 1108	6:00	PENNSYLVANIA UNLEADED
8/31/11 1137	6:00	PENNSYLVANIA UNLEADED
8/31/11 1145	6:00	PENNSYLVANIA UNLEADED
8/31/11 1150	6:00	PENNSYLVANIA UNLEADED

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Terry Lubinski	8/31/11	11:00	2. Scaler	8/31/11	11:19

**Receipt Information**  
Performed by: [ ]  
IRMA, HERE

**Cooler Temp:** [ ]  
**Therm. ID:** [ ]  
**No. of Coolers:** [ ]

**Notes:**

Correct containers?	Correct sample volume?	Received on ice?	COC/Labals complete/accurate?	Container in good condition?
Y	N	Y	Y	Y
Y	N	Y	Y	N
Y	N	Y	Y	N

**ALS FIELD SERVICES**  
 Pickup  
 Labor  
 Composite Sampling  
 Rental Equipment  
 Other: [ ]



POET System Sampling Analytical Data Sheets

November 2011

November 25, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9937209</b>
Purchase Order:	Workorder ID: <b>27058 Lewis Bros</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Saturday, November 12, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9937209 27058 Lewis Bros

Discard Date: 12/09/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9937209001	BRIGHT.B.NOV11.TREATED	Drinking Water	11/10/11 06:30	11/12/11 09:10	Customer
9937209002	BRIGHT.B.NOV11.MIDDLE	Water	11/10/11 06:33	11/12/11 09:10	Customer
9937209003	BRIGHT.B.NOV11.RAW	Water	11/10/11 06:39	11/12/11 09:10	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9937209 27058 Lewis Bros

Lab ID: **9937209001**

Date Collected: 11/10/2011 06:30

Matrix: Drinking Water

Sample ID: **BRIGHT.B.NOV11.TREATED**

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		11/23/11 05:57	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 05:57	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 05:57	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		11/23/11 05:57	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		11/23/11 05:57	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/23/11 05:57	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/23/11 05:57	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 05:57	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 05:57	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	80.2		%	70-130	EPA 524.2		11/23/11 05:57	MES	A
4-Bromofluorobenzene (S)	81.5		%	70-130	EPA 524.2		11/23/11 05:57	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937209 27058 Lewis Bros

Lab ID: **9937209002**  
Sample ID: **BRIGHT.B.NOV11.MIDDLE**

Date Collected: 11/10/2011 06:33  
Date Received: 11/12/2011 09:10

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:15	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:15	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:15	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 08:15	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 08:15	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:15	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 08:15	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:15	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:15	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	94		%	62-133	SW846 8260B		11/21/11 08:15	MES	A
4-Bromofluorobenzene (S)	96.9		%	79-114	SW846 8260B		11/21/11 08:15	MES	A
Dibromofluoromethane (S)	88.8		%	78-116	SW846 8260B		11/21/11 08:15	MES	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		11/21/11 08:15	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937209 27058 Lewis Bros

Lab ID: 9937209003

Date Collected: 11/10/2011 06:39

Matrix: Water

Sample ID: BRIGHT.B.NOV11.RAW

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:38	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:38	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:38	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 08:38	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 08:38	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:38	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 08:38	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:38	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:38	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	93.6		%	62-133	SW846 8260B		11/21/11 08:38	MES	A
4-Bromofluorobenzene (S)	96.5		%	79-114	SW846 8260B		11/21/11 08:38	MES	A
Dibromofluoromethane (S)	89.3		%	78-116	SW846 8260B		11/21/11 08:38	MES	A
Toluene-d8 (S)	99.5		%	76-127	SW846 8260B		11/21/11 08:38	MES	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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**Analytical Laboratory Services, Inc.**  
 Environmental • Industrial Hygiene • Field Services  
 34 Dogwood Lane • Middletown, PA 17057 • 717-944-5541 • Fax: 717-944-1430

**CHAIN OF CUSTODY / REQUEST FOR ANALYSIS**  
 ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER INSTRUCTIONS ON THE BACK.

Page 1 of 1  
 Carrier: **FED EX**  
 Tracking: **87670492743**

**Co. Name:** PENNSYLVANIA TECTONICS INC.    **Phone:** 570-487-1959  
**Contact (print):** MARTIN GILGALLON  
**Address:** 826 MAIN STREET, PECKVILLE PA 18452

**Project Name:** 27058 LEWIS BROS ALSI QUOTE #:  
**TAT:**  Home Standard TAT is 16-22 business days    **Date Required:**  
 Rush Subject to ALS approval and surcharges.    **Approved By:**

**Email:**  Y    **Fac:**  Y    **Hotmail.com**

Sample No.	Sample Description/Location (as listed on request)	COC Comments	Sample Date	Military Time	Enter Number of Containers Per Analysis		Matrix	Analysis Method Requested	No. of Coolers	Notes	Receipt Information								
					Correct containers?	Correct sample volume?					Correct preservation?	COCs complete/covered?	Container in good condition?	Received by (Print/Initial)	Received by (Signature)	Cooler Temp:	Therm. ID:		
1	BRIGHT, B. NOVIL TREATED		11-10-11	0630	6	0	0	NEW LIST, EPA 8260 PENNSYLVANIA UNLABELED											
2	BRIGHT, B. NOVIL MIDDLE		11-10-11	0635	6	0	0	NEW LIST, EPA 8260 PENNSYLVANIA UNLABELED											
3	BRIGHT, B. NOVIL RAW		11-10-11	0639	6	0	0	NEW LIST, EPA 8260 PENNSYLVANIA UNLABELED											
4																			
5																			
6																			
7																			
8																			

**SAMPLED BY (Please Print):** Jerry Luchessa  
**Relinquished By/Company Name:** Jerry Luchessa  
**Date/Time:** 11/10/11 1300  
**Received By/Company Name:** Martin Gilgallon  
**Date/Time:** 11/17/11 910

**LOGGED BY (Signature):** [Signature]  
**REVIEWED BY (Signature):** [Signature]

**ALS FIELD SERVICES:**  
 Pickup     Labor     Compositing Sampling     Rental Equipment     Other:

**DATA DELIVERABLES:**  
 Standard     C-Composite     N-Reduced     N-Full     PA-X  
 No. Containers: 0/0/0  
 POCs Criteria Required?

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 Vancouver Waterloo • Winnipeg • Yellowknife    United States: Cincinnati • Everett • Fort Collins • Holland • Houston • Middletown • Salt Lake City • Spring City • York    Mexico: Monterrey

November 23, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9937210</b>
Purchase Order:	Workorder ID: <b>27058 Lewis Bros</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Saturday, November 12, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9937210 27058 Lewis Bros

Discard Date: 12/07/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9937210001	CROSSLEY.B.NOV11.TREATED	Drinking Water	11/9/11 15:10	11/12/11 09:10	Customer
9937210002	CROSSLEY.B.NOV11.MIDDLE	Water	11/9/11 15:14	11/12/11 09:10	Customer
9937210003	CROSSLEY.B.NOV11.RAW	Water	11/9/11 15:17	11/12/11 09:10	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9937210 27058 Lewis Bros

Lab ID: **9937210001**

Date Collected: 11/9/2011 15:10

Matrix: Drinking Water

Sample ID: **CROSSLEY.B.NOV11.TREATED**

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		11/21/11 20:53	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 20:53	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 20:53	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		11/21/11 20:53	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		11/21/11 20:53	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/21/11 20:53	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/21/11 20:53	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 20:53	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 20:53	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	85.4		%	70-130	EPA 524.2		11/21/11 20:53	MES	A
4-Bromofluorobenzene (S)	88.3		%	70-130	EPA 524.2		11/21/11 20:53	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937210 27058 Lewis Bros

Lab ID: 9937210002

Date Collected: 11/9/2011 15:14

Matrix: Water

Sample ID: CROSSLEY.B.NOV11.MIDDLE

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 04:59	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 04:59	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 04:59	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 04:59	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 04:59	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 04:59	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 04:59	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 04:59	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 04:59	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	100		%	62-133	SW846 8260B		11/21/11 04:59	MES	A
4-Bromofluorobenzene (S)	82.3		%	79-114	SW846 8260B		11/21/11 04:59	MES	A
Dibromofluoromethane (S)	92.5		%	78-116	SW846 8260B		11/21/11 04:59	MES	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		11/21/11 04:59	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937210 27058 Lewis Bros

Lab ID: 9937210003

Date Collected: 11/9/2011 15:17

Matrix: Water

Sample ID: CROSSLEY.B.NOV11.RAW

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 18:32	JAH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 18:32	JAH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 18:32	JAH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 18:32	JAH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 18:32	JAH	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 18:32	JAH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 18:32	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 18:32	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 18:32	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	115		%	62-133	SW846 8260B		11/21/11 18:32	JAH	A
4-Bromofluorobenzene (S)	91.5		%	79-114	SW846 8260B		11/21/11 18:32	JAH	A
Dibromofluoromethane (S)	103		%	78-116	SW846 8260B		11/21/11 18:32	JAH	A
Toluene-d8 (S)	116		%	76-127	SW846 8260B		11/21/11 18:32	JAH	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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Page 1 of 1  
 Counter: FED EX  
 Tracking #: 9767-0498-76

### CHAIN OF CUSTODY REQUEST FOR ANALYSIS

ALL GROUPS AND TESTS MUST BE COMPLETED BY A QUALIFIED AND TRAINED SAMPLER (SEE INSTRUCTIONS ON THE BACK)

Co. Name: PENNSYLVANIA TECTONICS INC Phone: 570-487-1959  
 Contact (Name): MARTIN GILGALLON  
 Address: 826 MAIN STREET  
PECKVILLE PA 18452

Bill To: POK

Project Name #: 27058 LEWIS BAGS ALS Quote #:             
 TAT:  Normal Standard TAT is 10 business days. Date Required:            Approved By:             
 Email?  Yes  No PHTECTONICS@HOTMAIL.COM  
 Fax?  Yes  No

ANALYSIS METHOD REQUESTED

Container Type	Container Size	Preparation	Enter Number of Containers Per Analysis
<u>CG</u>	<u>CG</u>		
<u>40ml</u>	<u>40ml</u>	<u>HCL</u>	
<u>HCL</u>	<u>HCL</u>	<u>HCL</u>	
			<u>NEW LIST, EPA 549A</u>
			<u>PENNSYLVANIA UNLEADED</u>
			<u>NEW LIST, EPA 8000</u>

Sample Date	Military Time	Sample Location	COG Comments
<u>11.9.11</u>	<u>1510</u>	<u>600</u>	<u>2</u>
<u>11.9.11</u>	<u>1514</u>	<u>600</u>	<u>2</u>
<u>11.9.11</u>	<u>1517</u>	<u>600</u>	<u>2</u>
4			
5			
6			
7			
8			

LOGGED BY (Please Print): Jerry Luchansky  
 REVIEWED BY (Signature): [Signature]

Date	Time	Received By / Company Name
<u>11/11/11</u>	<u>1300</u>	<u>2 FED EX</u>
<u>11/11/11</u>	<u>1300</u>	<u>[Signature] PA Tectonics</u>
<u>11/11/11</u>	<u>1300</u>	<u>[Signature]</u>
<u>11/11/11</u>	<u>1300</u>	<u>[Signature]</u>
<u>11/11/11</u>	<u>1300</u>	<u>[Signature]</u>
<u>11/11/11</u>	<u>1300</u>	<u>[Signature]</u>
<u>11/11/11</u>	<u>1300</u>	<u>[Signature]</u>
<u>11/11/11</u>	<u>1300</u>	<u>[Signature]</u>

ALS FIELD SERVICES

Container in good condition?  Yes  No

COG Labels completed/accurate?  Yes  No

Received on ice?  Yes  No

(If present) Seals intact?  Yes  No

Correct sample volume?  Yes  No

Correct container?  Yes  No

Needs decontamination?  Yes  No

Circle appropriate Y or N.

ALS FIELD SERVICES

Phelp  Labor  Company Sampling  Rental Equipment  Other

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November 25, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9937211</b>
Purchase Order:	Workorder ID: <b>27058 Lewis Bros</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Saturday, November 12, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9937211 27058 Lewis Bros

Discard Date: 12/09/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9937211001	FRYZEL.R.NOV11.TREATED	Drinking Water	11/9/11 13:33	11/12/11 09:10	Customer
9937211002	FRYZEL.R.NOV11.MIDDLE	Water	11/9/11 13:36	11/12/11 09:10	Customer
9937211003	FRYZEL.R.NOV11.RAW	Water	11/9/11 13:41	11/12/11 09:10	Customer
9937211004	TRIP BLANK JL	Drinking Water	11/12/11 09:10	11/12/11 09:10	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9937211 27058 Lewis Bros

 Lab ID: **9937211001**

Date Collected: 11/9/2011 13:33

Matrix: Drinking Water

 Sample ID: **FRYZEL.R.NOV11.TREATED**

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		11/21/11 21:19	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 21:19	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 21:19	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		11/21/11 21:19	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		11/21/11 21:19	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/21/11 21:19	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/21/11 21:19	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 21:19	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 21:19	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	84.2		%	70-130	EPA 524.2		11/21/11 21:19	MES	A
4-Bromofluorobenzene (S)	85.9		%	70-130	EPA 524.2		11/21/11 21:19	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937211 27058 Lewis Bros

 Lab ID: **9937211002**

Date Collected: 11/9/2011 13:36

Matrix: Water

 Sample ID: **FRYZEL.R.NOV11.MIDDLE**

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 05:32	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 05:32	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 05:32	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 05:32	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 05:32	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 05:32	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 05:32	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 05:32	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 05:32	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62-133	SW846 8260B		11/21/11 05:32	MES	A
4-Bromofluorobenzene (S)	86.9		%	79-114	SW846 8260B		11/21/11 05:32	MES	A
Dibromofluoromethane (S)	96		%	78-116	SW846 8260B		11/21/11 05:32	MES	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		11/21/11 05:32	MES	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937211 27058 Lewis Bros

Lab ID: 9937211003

Date Collected: 11/9/2011 13:41

Matrix: Water

Sample ID: FRYZEL.R.NOV11.RAW

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:14	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:14	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:14	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 07:14	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 07:14	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:14	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 07:14	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:14	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:14	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	108		%	62-133	SW846 8260B		11/21/11 07:14	MES	A
4-Bromofluorobenzene (S)	85.9		%	79-114	SW846 8260B		11/21/11 07:14	MES	A
Dibromofluoromethane (S)	92.8		%	78-116	SW846 8260B		11/21/11 07:14	MES	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		11/21/11 07:14	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937211 27058 Lewis Bros

 Lab ID: **9937211004**  
 Sample ID: **TRIP BLANK JL**

 Date Collected: 11/12/2011 09:10  
 Date Received: 11/12/2011 09:10

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		11/23/11 02:01	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 02:01	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 02:01	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		11/23/11 02:01	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		11/23/11 02:01	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/23/11 02:01	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/23/11 02:01	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 02:01	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 02:01	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79.4		%	70-130	EPA 524.2		11/23/11 02:01	MES	A
4-Bromofluorobenzene (S)	81.2		%	70-130	EPA 524.2		11/23/11 02:01	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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November 23, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9937213</b>
Purchase Order:	Workorder ID: <b>27058 Lewis Bros</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Saturday, November 12, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9937213 27058 Lewis Bros

Discard Date: 12/07/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9937213001	KOVALESKI.K.NOV11.TREATED	Drinking Water	11/9/11 14:27	11/12/11 09:10	Customer
9937213002	KOVALESKI.K.NOV11.MIDDLE	Water	11/9/11 14:32	11/12/11 09:10	Customer
9937213003	KOVALESKI.K.NOV11.RAW	Water	11/9/11 14:35	11/12/11 09:10	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9937213 27058 Lewis Bros

Lab ID: **9937213001**

Date Collected: 11/9/2011 14:27

Matrix: Drinking Water

Sample ID: **KOVALESKI.K.NOV11.TREATED**

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		11/21/11 22:11	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 22:11	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 22:11	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		11/21/11 22:11	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		11/21/11 22:11	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/21/11 22:11	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/21/11 22:11	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 22:11	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/21/11 22:11	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	84.7		%	70-130	EPA 524.2		11/21/11 22:11	MES	A
4-Bromofluorobenzene (S)	98.4		%	70-130	EPA 524.2		11/21/11 22:11	MES	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937213 27058 Lewis Bros

Lab ID: 9937213002

Date Collected: 11/9/2011 14:32

Matrix: Water

Sample ID: KOVALESKI.K.NOV11.MIDDLE

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:40	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:40	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:40	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 06:40	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 06:40	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:40	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 06:40	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:40	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:40	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		11/21/11 06:40	MES	A
4-Bromofluorobenzene (S)	81.7		%	79-114	SW846 8260B		11/21/11 06:40	MES	A
Dibromofluoromethane (S)	94.8		%	78-116	SW846 8260B		11/21/11 06:40	MES	A
Toluene-d8 (S)	98.9		%	76-127	SW846 8260B		11/21/11 06:40	MES	A

**Sample Comments:**

  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937213 27058 Lewis Bros

Lab ID: 9937213003

Date Collected: 11/9/2011 14:35

Matrix: Water

Sample ID: KOVALESKI.K.NOV11.RAW

Date Received: 11/12/2011 09:10

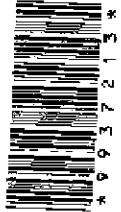
Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:21	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:21	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:21	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 08:21	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 08:21	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:21	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 08:21	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:21	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 08:21	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	110		%	62-133	SW846 8260B		11/21/11 08:21	MES	A
4-Bromofluorobenzene (S)	80.9		%	79-114	SW846 8260B		11/21/11 08:21	MES	A
Dibromofluoromethane (S)	95.4		%	78-116	SW846 8260B		11/21/11 08:21	MES	A
Toluene-d8 (S)	99.2		%	76-127	SW846 8260B		11/21/11 08:21	MES	A

**Sample Comments:**

  
Anna G Milliken  
Technical Manager

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 Page 1 of 1  
 Courier: Fed Ex  
 Tracking #: 8167-04987
**CHAIN OF CUSTODY  
REQUEST FOR ANALYSIS**

 ALL SAMPLES MUST BE COLLECTED AND PREPARED  
 ACCORDING TO THE FOLLOWING INSTRUCTIONS ON THE BACK


Ship to: 24 Dogwood Lane ■ Middletown, PA 17057 ■ 717-944-5541 ■ Fax: 717-944-1430

**Co. Name:** PENNSYLVANIA TECTONICS INC  
**Contact person:** MARTIN GILGALLON  
**Address:** 824 MAIN STREET  
 PECKVILLE PA 18452  
**Phone:** 570-487-1959

**Project Name#:** 27058 LEWIS BEGS ALS Quote #:  
 Normal-Standard FATS 10 business days  
 Rush-Subject to ALS approval and surcharges.  
**Sample Date:** 11/9/11  
**Sample Time:** 1437  
**Sample Location:** PENNSYLVANIA UNLABELED  
**Sample Description/Location:** PENNSYLVANIA UNLABELED  
**Sample Date:** 11/9/11  
**Sample Time:** 1432  
**Sample Location:** PENNSYLVANIA UNLABELED  
**Sample Description/Location:** PENNSYLVANIA UNLABELED  
**Sample Date:** 11/9/11  
**Sample Time:** 1435  
**Sample Location:** PENNSYLVANIA UNLABELED  
**Sample Description/Location:** PENNSYLVANIA UNLABELED

**Bill To (if different than Project bill):**  
**POB:**  
**Project Name#:** 27058 LEWIS BEGS ALS Quote #:  
 Normal-Standard FATS 10 business days  
 Rush-Subject to ALS approval and surcharges.  
**Sample Date:** 11/9/11  
**Sample Time:** 1437  
**Sample Location:** PENNSYLVANIA UNLABELED  
**Sample Description/Location:** PENNSYLVANIA UNLABELED  
**Sample Date:** 11/9/11  
**Sample Time:** 1432  
**Sample Location:** PENNSYLVANIA UNLABELED  
**Sample Description/Location:** PENNSYLVANIA UNLABELED  
**Sample Date:** 11/9/11  
**Sample Time:** 1435  
**Sample Location:** PENNSYLVANIA UNLABELED  
**Sample Description/Location:** PENNSYLVANIA UNLABELED

**LOGGED BY (signature):**  
**REVIEWED BY (signature):**  
**Date:** 11/11/11  
**Time:** 1300  
**Relinquished By / Company Name:** Jerry Luchansky  
**Date:** 11/11/11  
**Time:** 1300  
**Received By / Company Name:** Martin Gilgallon  
**Date:** 11/11/11  
**Time:** 1300

Container No.	Container Type	Volume	Temperature	Seals Intact?	Labels Complete?	Repacked on Ice?	Correct sample volume?	Correct container?	Container in good condition?
1	60ml	40ml	40ml	Yes	Yes	Yes	Yes	Yes	Yes
2	60ml	40ml	40ml	Yes	Yes	Yes	Yes	Yes	Yes
3	60ml	40ml	40ml	Yes	Yes	Yes	Yes	Yes	Yes
4									
5									
6									
7									
8									
9									

**ANALYSES/METHOD REQUESTED**  
 Enter Number of Containers Per Analysis

**ALS FIELD SERVICES**  
 Heavy Metals  
 Lead  
 Composite Sampling  
 Fecal Coliform  
 Other

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November 25, 2011

Mr. Marty Gilgallon  
PA Tectonics  
826 Main Street  
Peckville, PA 18452

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9937214</b>
Purchase Order:	Workorder ID: <b>27058 Lewis Bros</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Saturday, November 12, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9937214 27058 Lewis Bros

Discard Date: 12/09/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9937214001	TELESZ.A.NOV11.TREATED	Drinking Water	11/9/11 14:00	11/12/11 09:10	Customer
9937214002	TELESZ.A.NOV11.MIDDLE	Water	11/9/11 14:05	11/12/11 09:10	Customer
9937214003	TELESZ.A.NOV11.RAW	Water	11/9/11 14:09	11/12/11 09:10	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9937214 27058 Lewis Bros

 Lab ID: **9937214001** Date Collected: 11/9/2011 14:00 Matrix: Drinking Water  
 Sample ID: **TELESZ.A.NOV11.TREATED** Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		11/23/11 06:49	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 06:49	MES	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 06:49	MES	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		11/23/11 06:49	MES	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		11/23/11 06:49	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/23/11 06:49	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/23/11 06:49	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 06:49	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/23/11 06:49	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79.5		%	70-130	EPA 524.2		11/23/11 06:49	MES	A
4-Bromofluorobenzene (S)	81.9		%	70-130	EPA 524.2		11/23/11 06:49	MES	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937214 27058 Lewis Bros

Lab ID: **9937214002**

Date Collected: 11/9/2011 14:05

Matrix: Water

Sample ID: **TELESZ.A.NOV11.MIDDLE**

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:06	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:06	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:06	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 06:06	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 06:06	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:06	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 06:06	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:06	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 06:06	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62-133	SW846 8260B		11/21/11 06:06	MES	A
4-Bromofluorobenzene (S)	85.3		%	79-114	SW846 8260B		11/21/11 06:06	MES	A
Dibromofluoromethane (S)	92.2		%	78-116	SW846 8260B		11/21/11 06:06	MES	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		11/21/11 06:06	MES	A

**Sample Comments:**

  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9937214 27058 Lewis Bros

Lab ID: 9937214003

Date Collected: 11/9/2011 14:09

Matrix: Water

Sample ID: TELESZ.A.NOV11.RAW

Date Received: 11/12/2011 09:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:47	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:47	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:47	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/21/11 07:47	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/21/11 07:47	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:47	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/21/11 07:47	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:47	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/21/11 07:47	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62-133	SW846 8260B		11/21/11 07:47	MES	A
4-Bromofluorobenzene (S)	83.9		%	79-114	SW846 8260B		11/21/11 07:47	MES	A
Dibromofluoromethane (S)	94.7		%	78-116	SW846 8260B		11/21/11 07:47	MES	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		11/21/11 07:47	MES	A

**Sample Comments:**

A positive residual chlorine result was detected in the preservation check for the volatile organics analysis of this sample. This may be due to the presence of residual chlorine or another oxidizing agent.



Anna G Milliken  
Technical Manager

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**CHAIN OF CUSTODY / REQUEST FOR ANALYSIS**

Customer: **FED EX**  
 Tracking #: **8767-049276**

Page 1 of 1

Co. Name: **PENNSYLVANIA TECTONICS INC** Phone: **570-487-1954**

Contact (Person): **MARTIN GILGALLON**

Address: **824 MAIN STREET**  
**PECKVILLE PA 18454**

Bill to (Person/Company): **POB**

Project Name#: **27058 Lewis Bros** ALS Quote #:

TAT:  Normal Standard TAT in 10 business days. Data Required: Approved By:

Small?  Yes  No **perfectionics@hotmail.com**

Fax?  Yes  No

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Analysis	Container Mark	Container Type	Container Size	Container Material	Container Description
2	6002	6000	1400	PL	NEW LIST, EPA 8242 PENNSYLVANIA UNLEADED
2	6000	6000	1405	PL	NEW LIST, EPA 8242 PENNSYLVANIA UNLEADED
2	6003	6000	1409	PL	NEW LIST, EPA 8242 PENNSYLVANIA UNLEADED

ALS FIELD SERVICES

Container in good condition?  Yes  No

CO Labels completed/accurate?  Yes  No

Received on ice?  Yes  No

(If present) Seals intact?  Yes  No

Custody seals Present?  Yes  No

ALS Field Services:  Pickup  Labor  Comments/Shipping  Special Equipment  Other

LOGGED BY (Signature): *James L...*

REVIEWED BY (Signature): *James L...*

Date	Time	Received By / Company Name	Date	Time
11/11/11	1300	Jerry Luckusky	2 FEB 2012	1300
11/11/11	1300	for Andy PA Tectonics	11/11/11	1300

Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY  
 Containers: Type: AG - Amber Glass; CG - Clear Glass; PL - Plastic; Container Size: 300ml, 600ml, 1L, 2L, etc.; Preservation: 1601 (H2O), 1602, etc.  
 Matrix: A - Alkaline; D - Drinking Water; G - Groundwater; O - Oil; C - Other; Liquid; SL - Sludge; SC - Salt; NP - Not for WWP; WWP - Wastewater  
 Grab: Co-Composites  
 NELAP Accredited Laboratory

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POET System Sampling Analytical Data Sheets

June 2012

June 25, 2012

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9973125</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Bros. Poet</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, June 15, 2012.

The ALS Environmental laboratory in Middletown, Pennsylvania (formerly Analytical Laboratory Services, Inc.) is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9973125 27058/Lewis Bros. Poet

Discard Date: 07/09/2012

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9973125001	BRIGHT.B.JUN12.TREATED	Drinking Water	6/13/12 08:14	6/15/12 19:27	Customer
9973125002	BRIGHT.B.JUN12.MIDDLE	Water	6/13/12 08:19	6/15/12 19:27	Customer
9973125003	BRIGHT.B.JUN12.RAW	Water	6/13/12 08:23	6/15/12 19:27	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9973125 27058/Lewis Bros. Poet

Lab ID: **9973125001**

Date Collected: 6/13/2012 08:14

Matrix: Drinking Water

Sample ID: **BRIGHT.B.JUN12.TREATED**

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/21/12 04:50	JAH	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/21/12 04:50	JAH	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/21/12 04:50	JAH	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/21/12 04:50	JAH	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/21/12 04:50	JAH	B
Toluene	ND		ug/L	0.50	EPA 524.2		6/21/12 04:50	JAH	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/21/12 04:50	JAH	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/21/12 04:50	JAH	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/21/12 04:50	JAH	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	67.1	1	%	70-130	EPA 524.2		6/21/12 04:50	JAH	B
4-Bromofluorobenzene (S)	70.5		%	70-130	EPA 524.2		6/21/12 04:50	JAH	B

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973125 27058/Lewis Bros. Poet

Lab ID: **9973125002**

Date Collected: 6/13/2012 08:19

Matrix: Water

Sample ID: **BRIGHT.B.JUN12.MIDDLE**

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:31	DRS	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:31	DRS	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:31	DRS	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 19:31	DRS	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 19:31	DRS	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:31	DRS	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 19:31	DRS	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:31	DRS	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:31	DRS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	106		%	62-133	SW846 8260B		6/22/12 19:31	DRS	A
4-Bromofluorobenzene (S)	87.4		%	79-114	SW846 8260B		6/22/12 19:31	DRS	A
Dibromofluoromethane (S)	103		%	78-116	SW846 8260B		6/22/12 19:31	DRS	A
Toluene-d8 (S)	90.1		%	76-127	SW846 8260B		6/22/12 19:31	DRS	A

**Sample Comments:**


Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973125 27058/Lewis Bros. Poet

Lab ID: **9973125003**  
Sample ID: **BRIGHT.B.JUN12.RAW**

Date Collected: 6/13/2012 08:23  
Date Received: 6/15/2012 19:27

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:53	DRS	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:53	DRS	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:53	DRS	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 19:53	DRS	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 19:53	DRS	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:53	DRS	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 19:53	DRS	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:53	DRS	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 19:53	DRS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62-133	SW846 8260B		6/22/12 19:53	DRS	A
4-Bromofluorobenzene (S)	86.7		%	79-114	SW846 8260B		6/22/12 19:53	DRS	A
Dibromofluoromethane (S)	102		%	78-116	SW846 8260B		6/22/12 19:53	DRS	A
Toluene-d8 (S)	90.3		%	76-127	SW846 8260B		6/22/12 19:53	DRS	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9973125 27058/Lewis Bros. Poet

#### PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate 1,2-Dichlorobenzene-d4 for method EPA 524.2 was outside of control limits. The % Recovery was reported as 67.1 and the control limits were 70 to 130. This result was reported at a dilution of 1.

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SAMPLES MUST BE COMPLETED BY THE CLIENT  
SAMPLES MUST BE DELIVERED TO THE LAB

Ship to: 34 Dogwood Lane ■ Middletown, PA 17057 ■ Tel: 717-944-5541 ■ Fax: 717-944-1430

**Co. Name:** PENNSYLVANIA TECTONICS INC  
**Contact (report to):** MARTIN GILBALLON  
**Address:** 723 MAIN STREET  
 ARCHBALD PA 18403

**Phone:** 570-487-1959

**POB:**

**Project Name#:** 27058 / Lewis Bros. POET ALS Quote #:

Normal-Standard TAT is 10 business days.  
 Rush-Subject to ALS approval and surcharges.

**TAT:** \_\_\_\_\_ **Date Required:** \_\_\_\_\_ **Approved By:** \_\_\_\_\_

**Email?**  **Y** **Fax?**  **N** **Hotmail.com**

**ANALYSES/METHOD REQUESTED**

Container	Type	Volume	Estimate
CG	CG	40ml-100ml	
CG	CG	100ml	

**Enter Number of Containers Per Analysis**

Sample	Date	Military	Time	Comments
1	6.13.12		0814	600 2
2	6.13.12		0819	600 2
3	6.13.12		0823	600 3

**COULD BE (Optional):** \_\_\_\_\_  
**REMOVED BY (Optional):** \_\_\_\_\_

**SAMPLED BY (Please Print):** Jerry Leucharsky  
**Requisitioned By / Company Name:** PA Tectonics  
**Date:** 6.15.12 **Time:** 0705  
**Date:** 6.15.12 **Time:** 0705  
**Date:** 6/16/12 **Time:** 800  
**Date:** 6/16/12 **Time:** 800  
**Date:** 6/15/12 **Time:** 1745  
**Date:** 6/15/12 **Time:** 1927

**ALS FIELD SERVICES**

Country seals Present?  Y  N  
 (If present) Seals intact?  Y  N  
 Received on site?  Y  N  
 Correct preservation?  Y  N  
 Correct sample volume?  Y  N  
 Correct containers?  Y  N  
 COC labels completed/accurate?  Y  N  
 Container in good condition?  Y  N

ALS Field Services:  Pickup  Label  Composite Sampling  Rental Equipment  Other

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June 26, 2012

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9973126</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Bros. Poet</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, June 15, 2012.

The ALS Environmental laboratory in Middletown, Pennsylvania (formerly Analytical Laboratory Services, Inc.) is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9973126 27058/Lewis Bros. Poet

Discard Date: 07/10/2012

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9973126001	CROSSLEY.B.JUN12.TREATED	Drinking Water	6/13/12 09:30	6/15/12 19:27	Customer
9973126002	CROSSLEY.B.JUN12.MIDDLE	Water	6/13/12 09:35	6/15/12 19:27	Customer
9973126003	CROSSLEY.B.JUN12.RAW	Water	6/13/12 09:39	6/15/12 19:27	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9973126 27058/Lewis Bros. Poet

 Lab ID: **9973126001**

Date Collected: 6/13/2012 09:30

Matrix: Drinking Water

 Sample ID: **CROSSLEY.B.JUN12.TREATED**

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:20	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:20	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:20	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/19/12 12:20	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:20	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:20	JAH	A
Total Xylenes	2.6		ug/L	1.5	EPA 524.2		6/19/12 12:20	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:20	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:20	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	77.5		%	70-130	EPA 524.2		6/19/12 12:20	JAH	A
4-Bromofluorobenzene (S)	82.1		%	70-130	EPA 524.2		6/19/12 12:20	JAH	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973126 27058/Lewis Bros. Poet

Lab ID: 9973126002

Date Collected: 6/13/2012 09:35

Matrix: Water

Sample ID: CROSSLEY.B.JUN12.MIDDLE

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/23/12 03:58	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/23/12 03:58	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/23/12 03:58	DD	A
Methyl t-Butyl Ether	1.1		ug/L	1.0	SW846 8260B		6/23/12 03:58	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/23/12 03:58	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/23/12 03:58	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/23/12 03:58	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/23/12 03:58	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/23/12 03:58	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98.7		%	62-133	SW846 8260B		6/23/12 03:58	DD	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		6/23/12 03:58	DD	A
Dibromofluoromethane (S)	93.7		%	78-116	SW846 8260B		6/23/12 03:58	DD	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		6/23/12 03:58	DD	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973126 27058/Lewis Bros. Poet

Lab ID: 9973126003

Date Collected: 6/13/2012 09:39

Matrix: Water

Sample ID: CROSSLEY.B.JUN12.RAW

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/23/12 04:22	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/23/12 04:22	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/23/12 04:22	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/23/12 04:22	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/23/12 04:22	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/23/12 04:22	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/23/12 04:22	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/23/12 04:22	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/23/12 04:22	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98.2		%	62-133	SW846 8260B		6/23/12 04:22	DD	A
4-Bromofluorobenzene (S)	102		%	79-114	SW846 8260B		6/23/12 04:22	DD	A
Dibromofluoromethane (S)	93.7		%	78-116	SW846 8260B		6/23/12 04:22	DD	A
Toluene-d8 (S)	99.8		%	76-127	SW846 8260B		6/23/12 04:22	DD	A

**Sample Comments:**

  
Anna G Milliken  
Technical Manager

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June 26, 2012

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9973127</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Bros. Poet</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, June 15, 2012.

The ALS Environmental laboratory in Middletown, Pennsylvania (formerly Analytical Laboratory Services, Inc.) is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9973127 27058/Lewis Bros. Poet

Discard Date: 07/10/2012

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9973127001	FRYZEL.R.JUN12.TREATED	Drinking Water	6/13/12 16:01	6/15/12 19:27	Customer
9973127002	FRYZEL.R.JUN12.MIDDLE	Water	6/13/12 16:05	6/15/12 19:27	Customer
9973127003	FRYZEL.R.JUN12.RAW	Water	6/13/12 16:08	6/15/12 19:27	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9973127 27058/Lewis Bros. Poet

 Lab ID: **9973127001**

Date Collected: 6/13/2012 16:01

Matrix: Drinking Water

 Sample ID: **FRYZEL.R.JUN12.TREATED**

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:46	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:46	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:46	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/19/12 12:46	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:46	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:46	JAH	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/19/12 12:46	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:46	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 12:46	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	74		%	70-130	EPA 524.2		6/19/12 12:46	JAH	A
4-Bromofluorobenzene (S)	73.1		%	70-130	EPA 524.2		6/19/12 12:46	JAH	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973127 27058/Lewis Bros. Poet

Lab ID: 9973127002

Date Collected: 6/13/2012 16:05

Matrix: Water

Sample ID: FRYZEL.R.JUN12.MIDDLE

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:12	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:12	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:12	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/24/12 02:12	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/24/12 02:12	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:12	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/24/12 02:12	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:12	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:12	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87.2		%	62-133	SW846 8260B		6/24/12 02:12	DD	A
4-Bromofluorobenzene (S)	88.9		%	79-114	SW846 8260B		6/24/12 02:12	DD	A
Dibromofluoromethane (S)	84.9		%	78-116	SW846 8260B		6/24/12 02:12	DD	A
Toluene-d8 (S)	88.2		%	76-127	SW846 8260B		6/24/12 02:12	DD	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973127 27058/Lewis Bros. Poet

Lab ID: **9973127003**

Date Collected: 6/13/2012 16:08

Matrix: Water

Sample ID: **FRYZEL.R.JUN12.RAW**

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:34	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:34	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:34	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/24/12 02:34	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/24/12 02:34	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:34	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/24/12 02:34	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:34	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/24/12 02:34	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	87		%	62-133	SW846 8260B		6/24/12 02:34	DD	A
4-Bromofluorobenzene (S)	88.6		%	79-114	SW846 8260B		6/24/12 02:34	DD	A
Dibromofluoromethane (S)	84.6		%	78-116	SW846 8260B		6/24/12 02:34	DD	A
Toluene-d8 (S)	87		%	76-127	SW846 8260B		6/24/12 02:34	DD	A

**Sample Comments:**

  
Anna G Milliken  
Technical Manager

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 Page 1 of 1  
 Courier: \_\_\_\_\_  
 Tracking #: \_\_\_\_\_

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
 ALL STATES ARE SUBJECT TO COMPLETION OF THIS FORM  
 SAMPLE CONTAINER INFORMATION

Co. Name: **PENNSYLVANIA TECTONICS INC.** Phone: **570-487-1959**  
 Contact person: **MARTIN GILGALLON**  
 Address: **723 MAIN STREET**  
**ARCHBALD PA 18403**

Ship to: 34 Dogwood Lane ■ Middletown, PA 17057 ■ Tel: 717-944-5541 ■ Fax: 717-944-1430

Project Name#: **27058/Lewis's Bogus POBT** ALS Quote #: \_\_\_\_\_  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 TAT: \_\_\_\_\_  
 Email?  Y  N **PA@TECTONICS.COM**  
 Fax?  Y  N

Bill to (select the head of): \_\_\_\_\_  
 PO#: \_\_\_\_\_

Sample Description/Location (as it will appear on the label)	Sample Date	Sample Time	Military Time	COC Comments	Enter Number of Containers Per Analysis
1 FRIZEL, R. JUNIOR, TREATED	6-13-12	1601	6:01	2	2
2 FRIZEL, R. JUNIOR, MYLANE	6-13-12	1605	6:05	2	2
3 FRIZEL, R. JUNIOR, RAW	6-13-12	1608	6:08	2	2
4					
5					
6					
7					
8					

Container	Type	Volume	Material	Preservative	Other
1	C6	C6			
2	40ml	40ml			
3	40ml	40ml			
4					
5					
6					
7					
8					

Sample	Date	Time	Received By	Company Name
1	6-15-12	0705	[Signature]	PA Tectonics
3	6-15-12	0800	[Signature]	PA Tectonics
5	6-15-12	1628	[Signature]	PA Tectonics
7	6-15-12	1745	[Signature]	PA Tectonics
9	6-15-12	1947	[Signature]	PA Tectonics

LOGGED BY (signature): [Signature] Date: 6/15/12 Time: 0705  
 RECEIVED BY (signature): [Signature] Date: 6/15/12 Time: 0800

Requisitioned By / Company Name: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By / Company Name: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

ANALYSES/METHOD REQUESTED  
 NEW LIST, EPA 8260  
 PENNSYLVANIA UNLEADED  
 NEW LIST, EPA 5942  
 PENNSYLVANIA UNLEADED

Correct containers?  Y  N  
 Correct sample volumes?  Y  N  
 Received on box?  Y  N  
 COC labels completed/correct?  Y  N  
 Container in good condition?  Y  N

ALS FIELD SERVICES  
 Pickup  Labor  Composite Sampling  Remote Equipment  Other

Copies: WHITE - ORIGINAL - CUSTOMER COPY  
 \* G-Code, G-Composite  
 \*\* Mark: A=Air, D=Drinking Water, C=Contaminant, O=Oil, G=Groundwater, S=Soil, S=Soil, H=Hazardous Waste, H=Hazardous Waste  
 \*\*\* Container Type: AG=Amber Glass, CD=Clear Glass, PL=Plastic, Container Size: 15ml, 50ml, 1L, 5L, etc. Preservation: SC, HNO3, NaOH, etc.

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June 22, 2012

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9973128</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Bros. Poet</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, June 15, 2012.

The ALS Environmental laboratory in Middletown, Pennsylvania (formerly Analytical Laboratory Services, Inc.) is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9973128 27058/Lewis Bros. Poet

Discard Date: 07/06/2012

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9973128001	KOWALSKI.W.JUN12.TREATED	Drinking Water	6/12/12 07:30	6/15/12 19:27	Customer
9973128002	KOWALSKI.W.JUN12.MIDDLE	Water	6/12/12 07:33	6/15/12 19:27	Customer
9973128003	KOWALSKI.W.JUN12.RAW	Water	6/12/12 07:37	6/15/12 19:27	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9973128 27058/Lewis Bros. Poet

 Lab ID: **9973128001**

Date Collected: 6/12/2012 07:30

Matrix: Drinking Water

 Sample ID: **KOWALSKI.W.JUN12.TREATED**

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/18/12 23:01	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/18/12 23:01	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/18/12 23:01	TMP	A
Methyl t-Butyl Ether	ND	1	ug/L	0.50	EPA 524.2		6/18/12 23:01	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/18/12 23:01	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/18/12 23:01	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/18/12 23:01	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/18/12 23:01	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/18/12 23:01	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	80.6		%	70-130	EPA 524.2		6/18/12 23:01	TMP	A
4-Bromofluorobenzene (S)	80.7		%	70-130	EPA 524.2		6/18/12 23:01	TMP	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973128 27058/Lewis Bros. Poet

Lab ID: 9973128002

Date Collected: 6/12/2012 07:33

Matrix: Water

Sample ID: KOWALSKI.W.JUN12.MIDDLE

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:17	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:17	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:17	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 03:17	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 03:17	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:17	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 03:17	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:17	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:17	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	115		%	62-133	SW846 8260B		6/22/12 03:17	DD	A
4-Bromofluorobenzene (S)	110		%	79-114	SW846 8260B		6/22/12 03:17	DD	A
Dibromofluoromethane (S)	110		%	78-116	SW846 8260B		6/22/12 03:17	DD	A
Toluene-d8 (S)	108		%	76-127	SW846 8260B		6/22/12 03:17	DD	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973128 27058/Lewis Bros. Poet

Lab ID: 9973128003

Date Collected: 6/12/2012 07:37

Matrix: Water

Sample ID: KOWALSKI.W.JUN12.RAW

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 02:54	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 02:54	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 02:54	DD	A
Methyl t-Butyl Ether	1.3		ug/L	1.0	SW846 8260B		6/22/12 02:54	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 02:54	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 02:54	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 02:54	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 02:54	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 02:54	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	115		%	62-133	SW846 8260B		6/22/12 02:54	DD	A
4-Bromofluorobenzene (S)	110		%	79-114	SW846 8260B		6/22/12 02:54	DD	A
Dibromofluoromethane (S)	110		%	78-116	SW846 8260B		6/22/12 02:54	DD	A
Toluene-d8 (S)	110		%	76-127	SW846 8260B		6/22/12 02:54	DD	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9973128 27058/Lewis Bros. Poet

#### PARAMETER QUALIFIERS\FLAGS

- [1] The QC sample type MSD for method EPA 524.2 was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 131 and the control limits were 70 to 130.

---

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June 26, 2012

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>LEWIS BROTHERS - PA SITE</b>	Workorder: <b>9973129</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Bros. Poet</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, June 15, 2012.

The ALS Environmental laboratory in Middletown, Pennsylvania (formerly Analytical Laboratory Services, Inc.) is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at [www.analyticalab.com](http://www.analyticalab.com) for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 9973129 27058/Lewis Bros. Poet

Discard Date: 07/10/2012

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9973129001	STRONG.B.JUN12.TREATED	Drinking Water	6/12/12 11:07	6/15/12 19:27	Customer
9973129002	STRONG.B.JUN12.MIDDLE	Water	6/12/12 11:10	6/15/12 19:27	Customer
9973129003	STRONG.B.JUN12.RAW	Water	6/12/12 11:14	6/15/12 19:27	Customer
9973129004	Trip Blank - RH	Drinking Water	6/15/12 19:27	6/15/12 19:27	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 9973129 27058/Lewis Bros. Poet

Lab ID: **9973129001**

Date Collected: 6/12/2012 11:07

Matrix: Drinking Water

Sample ID: **STRONG.B.JUN12.TREATED**

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/19/12 11:01	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 11:01	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 11:01	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/19/12 11:01	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/19/12 11:01	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/19/12 11:01	JAH	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/19/12 11:01	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 11:01	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 11:01	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	86.3		%	70-130	EPA 524.2		6/19/12 11:01	JAH	A
4-Bromofluorobenzene (S)	76.6		%	70-130	EPA 524.2		6/19/12 11:01	JAH	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973129 27058/Lewis Bros. Poet

Lab ID: **9973129002**

Date Collected: 6/12/2012 11:10

Matrix: Water

Sample ID: **STRONG.B.JUN12.MIDDLE**

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:43	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:43	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:43	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 03:43	DD	A
Naphthalene	ND	1,2	ug/L	7.0	SW846 8260B		6/22/12 03:43	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:43	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 03:43	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	3.0	SW846 8260B		6/22/12 03:43	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 03:43	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.8		%	62-133	SW846 8260B		6/22/12 03:43	DD	A
4-Bromofluorobenzene (S)	79.5		%	79-114	SW846 8260B		6/22/12 03:43	DD	A
Dibromofluoromethane (S)	88.9		%	78-116	SW846 8260B		6/22/12 03:43	DD	A
Toluene-d8 (S)	82.5		%	76-127	SW846 8260B		6/22/12 03:43	DD	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973129 27058/Lewis Bros. Poet

Lab ID: 9973129003

Date Collected: 6/12/2012 11:14

Matrix: Water

Sample ID: STRONG.B.JUN12.RAW

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		6/22/12 04:05	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 04:05	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 04:05	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		6/22/12 04:05	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		6/22/12 04:05	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		6/22/12 04:05	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		6/22/12 04:05	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 04:05	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		6/22/12 04:05	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89.7		%	62-133	SW846 8260B		6/22/12 04:05	DD	A
4-Bromofluorobenzene (S)	79.6		%	79-114	SW846 8260B		6/22/12 04:05	DD	A
Dibromofluoromethane (S)	89.3		%	78-116	SW846 8260B		6/22/12 04:05	DD	A
Toluene-d8 (S)	81		%	76-127	SW846 8260B		6/22/12 04:05	DD	A

**Sample Comments:**

 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 9973129 27058/Lewis Bros. Poet

 Lab ID: **9973129004**

Date Collected: 6/15/2012 19:27

Matrix: Drinking Water

 Sample ID: **Trip Blank - RH**

Date Received: 6/15/2012 19:27

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		6/19/12 10:35	JAH	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 10:35	JAH	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 10:35	JAH	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		6/19/12 10:35	JAH	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		6/19/12 10:35	JAH	A
Toluene	ND		ug/L	0.50	EPA 524.2		6/19/12 10:35	JAH	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		6/19/12 10:35	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 10:35	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		6/19/12 10:35	JAH	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	84.5		%	70-130	EPA 524.2		6/19/12 10:35	JAH	A
4-Bromofluorobenzene (S)	80.3		%	70-130	EPA 524.2		6/19/12 10:35	JAH	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9973129 27058/Lewis Bros. Poet

#### PARAMETER QUALIFIERS\FLAGS

- [1] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Naphthalene. The % Recovery was reported as 44.3 and the control limits were 56 to 134.
- [2] The QC sample type MSD for method SW846 8260B was outside the control limits for the analyte Naphthalene. The % Recovery was reported as 41.3 and the control limits were 56 to 134.

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POET System Sampling Analytical Data Sheets

April 2013

April 23, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>Routine Sample Submission</b>	Workorder: <b>1022486</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Bros Poet</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, April 18, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Denise Brooks (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 1022486 27058/Lewis Bros Poet

Discard Date: 05/07/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1022486001	Crossley.B.Apr13.Treated	Drinking Water	4/17/13 08:04	4/18/13 09:00	Customer
1022486002	Crossley.B.Apr13.Middle	Water	4/17/13 08:09	4/18/13 09:00	Customer
1022486003	Crossley.B.Apr13.Raw	Water	4/17/13 08:13	4/18/13 09:00	Customer
1022486004	Trip Blank	Drinking Water	4/18/13 09:00	4/18/13 09:00	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1022486 27058/Lewis Bros Poet

 Lab ID: **1022486001**  
 Sample ID: **Crossley.B.Apr13.Treated**

 Date Collected: 4/17/2013 08:04  
 Date Received: 4/18/2013 09:00

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:53	DRS	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:53	DRS	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:53	DRS	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		4/23/13 03:53	DRS	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:53	DRS	A
Toluene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:53	DRS	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		4/23/13 03:53	DRS	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:53	DRS	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:53	DRS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	89.8		%	70-130	EPA 524.2		4/23/13 03:53	DRS	A
4-Bromofluorobenzene (S)	95.6		%	70-130	EPA 524.2		4/23/13 03:53	DRS	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 1022486 27058/Lewis Bros Poet

Lab ID: **1022486002**

Date Collected: 4/17/2013 08:09

Matrix: Water

Sample ID: **Crossley.B.Apr13.Middle**

Date Received: 4/18/2013 09:00

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:27	DRS	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:27	DRS	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:27	DRS	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		4/22/13 16:27	DRS	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		4/22/13 16:27	DRS	A
Toluene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:27	DRS	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		4/22/13 16:27	DRS	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:27	DRS	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:27	DRS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	95.8		%	62-133	SW846 8260B		4/22/13 16:27	DRS	A
4-Bromofluorobenzene (S)	97.9		%	79-114	SW846 8260B		4/22/13 16:27	DRS	A
Dibromofluoromethane (S)	90.1		%	78-116	SW846 8260B		4/22/13 16:27	DRS	A
Toluene-d8 (S)	96		%	76-127	SW846 8260B		4/22/13 16:27	DRS	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 1022486 27058/Lewis Bros Poet

Lab ID: **1022486003**  
Sample ID: **Crossley.B.Apr13.Raw**

Date Collected: 4/17/2013 08:13  
Date Received: 4/18/2013 09:00

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:49	DRS	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:49	DRS	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:49	DRS	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		4/22/13 16:49	DRS	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		4/22/13 16:49	DRS	A
Toluene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:49	DRS	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		4/22/13 16:49	DRS	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:49	DRS	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:49	DRS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	94.5		%	62-133	SW846 8260B		4/22/13 16:49	DRS	A
4-Bromofluorobenzene (S)	95.9		%	79-114	SW846 8260B		4/22/13 16:49	DRS	A
Dibromofluoromethane (S)	88.2		%	78-116	SW846 8260B		4/22/13 16:49	DRS	A
Toluene-d8 (S)	97.1		%	76-127	SW846 8260B		4/22/13 16:49	DRS	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 1022486 27058/Lewis Bros Poet

 Lab ID: **1022486004**

Date Collected: 4/18/2013 09:00

Matrix: Drinking Water

 Sample ID: **Trip Blank**

Date Received: 4/18/2013 09:00

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		4/23/13 00:52	DRS	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 00:52	DRS	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 00:52	DRS	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		4/23/13 00:52	DRS	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		4/23/13 00:52	DRS	A
Toluene	0.58		ug/L	0.50	EPA 524.2		4/23/13 00:52	DRS	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		4/23/13 00:52	DRS	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 00:52	DRS	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 00:52	DRS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	92.5		%	70-130	EPA 524.2		4/23/13 00:52	DRS	A
4-Bromofluorobenzene (S)	105		%	70-130	EPA 524.2		4/23/13 00:52	DRS	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

ALS Environmental Laboratory

Ship to: 34 Dogwood Lane ■ Middletown, PA 17057 ■ 717-944-5541 ■ Fax: 717-944-1430

Co. Name: **PENNSYLVANIA TECTONICS INC**  
 Contact (person): **MARTIN GILGALLON** Phone: **570-487-1959**  
 Address: **723 MAIN STREET**  
**ARCHBALD PA 18403**

PO#: \_\_\_\_\_

Project Name: **#27058 / LEWIS BROS POET ALS QUOTE #:**

TAT:  Normal Standard TAT is 10 business days. Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Rush-Subject to ALS approval and surcharge.

Email:  Y **TECTONICS@HOTMAIL.COM**  
 Fax:  N

Container In good condition?  Y  N

COO Labels complete/accurate?  Y  N

Received on test?  Y  N

(If present) Seals intact?  Y  N

Correct sample volume?  Y  N

Correct container?  Y  N

Circle appropriate Y or N.

Container Type: **1**

Therm ID: **TH 215**

No. of Coolers: \_\_\_\_\_

Notes: \_\_\_\_\_

ANALYSIS METHOD REQUESTED

Container	Sample	Analysis Method	Enter Number of Containers Per Analysis
NEW LIST EPA 534.2	NEW LIST EPA 534.2	NEW LIST EPA 534.2	2
PENNSYLVANIA UNLABLED	PENNSYLVANIA UNLABLED	PENNSYLVANIA UNLABLED	2
NEW LIST EPA 824.0	NEW LIST EPA 824.0	NEW LIST EPA 824.0	2

LOGGED BY (Signature): *Jerry Lochny*

REVIEWED BY (Signature): \_\_\_\_\_

Reinforced By / Company Name	Date	Time	Received By / Company Name	Date	Time
<i>Jerry Lochny PA Tectonics</i>	4/17/13	1445	<i>Bob Hilly PA Tectonics</i>	4/22/13	1445
<i>Bob Hilly PA Tectonics</i>	4/17/13	1520	<i>Bob Hilly PA Tectonics</i>	4/15/13	0900

COO Criteria Required?

Standard  CLP-like  ML-Reduced  ML-Full

If yes, format type: \_\_\_\_\_

CCO Criteria Required?  Yes  No

Copier: WHITE - ORIGINAL, CANEY - CUSTOMER COPY  
 \* G-Glass C-Composite \*\* Matrix: A=Air, C=Drinking Water, CW=Groundwater, Ch=Oil, G=Other Liquid, SL=Sludge, SC=Soil, WP=Water  
 Container Type: AG=Amper Glass, CG=Clear Glass, PL=Plastic, Container Size: 250ml, 500ml, 1L, 5L, etc. Preservative: TCI, INCO, RICH, etc.  
 Rev 8/2011

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April 23, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>Routine Sample Submission</b>	Workorder: <b>1022484</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Bros Poet</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, April 18, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Denise Brooks (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Anna G Milliken  
Technical Manager

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### SAMPLE SUMMARY

Workorder: 1022484 27058/Lewis Bros Poet

Discard Date: 05/07/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1022484001	Kowalski.W.Apr13.Treated	Drinking Water	4/17/13 08:34	4/18/13 09:00	Customer
1022484002	Kowalski.W.Apr13.Middle	Water	4/17/13 08:39	4/18/13 09:00	Customer
1022484003	Kowalski.W.Apr13.Raw	Water	4/17/13 08:42	4/18/13 09:00	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1022484 27058/Lewis Bros Poet

 Lab ID: **1022484001**

Date Collected: 4/17/2013 08:34

Matrix: Drinking Water

 Sample ID: **Kowalski.W.Apr13.Treated**

Date Received: 4/18/2013 09:00

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:27	DRS	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:27	DRS	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:27	DRS	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		4/23/13 03:27	DRS	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:27	DRS	A
Toluene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:27	DRS	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		4/23/13 03:27	DRS	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:27	DRS	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		4/23/13 03:27	DRS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	86.6		%	70-130	EPA 524.2		4/23/13 03:27	DRS	A
4-Bromofluorobenzene (S)	98.8		%	70-130	EPA 524.2		4/23/13 03:27	DRS	A

**Sample Comments:**
  
 Anna G Milliken  
 Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 1022484 27058/Lewis Bros Poet

Lab ID: **1022484002**  
Sample ID: **Kowalski.W.Apr13.Middle**

Date Collected: 4/17/2013 08:39  
Date Received: 4/18/2013 09:00

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		4/22/13 15:42	DRS	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 15:42	DRS	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 15:42	DRS	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		4/22/13 15:42	DRS	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		4/22/13 15:42	DRS	A
Toluene	ND		ug/L	1.0	SW846 8260B		4/22/13 15:42	DRS	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		4/22/13 15:42	DRS	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 15:42	DRS	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 15:42	DRS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	95.1		%	62-133	SW846 8260B		4/22/13 15:42	DRS	A
4-Bromofluorobenzene (S)	98		%	79-114	SW846 8260B		4/22/13 15:42	DRS	A
Dibromofluoromethane (S)	91.5		%	78-116	SW846 8260B		4/22/13 15:42	DRS	A
Toluene-d8 (S)	96.8		%	76-127	SW846 8260B		4/22/13 15:42	DRS	A

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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**ANALYTICAL RESULTS**

Workorder: 1022484 27058/Lewis Bros Poet

Lab ID: 1022484003

Date Collected: 4/17/2013 08:42

Matrix: Water

Sample ID: Kowalski.W.Apr13.Raw

Date Received: 4/18/2013 09:00

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:04	DRS	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:04	DRS	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:04	DRS	A
Methyl t-Butyl Ether	1.5		ug/L	1.0	SW846 8260B		4/22/13 16:04	DRS	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		4/22/13 16:04	DRS	A
Toluene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:04	DRS	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		4/22/13 16:04	DRS	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:04	DRS	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		4/22/13 16:04	DRS	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	96.3		%	62-133	SW846 8260B		4/22/13 16:04	DRS	A
4-Bromofluorobenzene (S)	97.6		%	79-114	SW846 8260B		4/22/13 16:04	DRS	A
Dibromofluoromethane (S)	88.9		%	78-116	SW846 8260B		4/22/13 16:04	DRS	A
Toluene-d8 (S)	98.3		%	76-127	SW846 8260B		4/22/13 16:04	DRS	A

**Sample Comments:**


Anna G Milliken  
Technical Manager

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

ANALYSTED ADDRESS MUST BE COMPLETELY VERIFIED BY  
SOURCE'S INSTRUMENT OPERATOR

Page 1 of 1  
 Center: Fed Ex  
 Tracking #: 8764 5724  
 3019

Co. Name: <b>PENNSYLVANIA TECTONICS INC</b> Contact (operator): <b>MARTIN GILGALLON</b> Address: <b>723 MAIN STREET ARCHBALD PA 18403</b>	Phone: <b>570-487-1954</b>	POB:	Project Name: <b>47058 LEWIS BROS POET ALS quote #:</b>	TAT: <input checked="" type="checkbox"/> Normal Standard TAT is 48 business days. <input type="checkbox"/> Rush-Subject to ALS approval and surcharges.	Date Required: _____ Approved By: _____
Email: <input checked="" type="checkbox"/> <b>PTTECTONICS@HOTMAIL.COM</b> Fax? <input type="checkbox"/>					
Sample Description/Location (as it will appear on the lab report):					
1	KOWALSKI, W. APR 13, TREATED	Sample Date	4/17/13 0834	Military Time	0834
2	KOWALSKI, W. APR 13, MIDDLE	Sample Date	4/17/13 0834	Military Time	0834
3	KOWALSKI, W. APR 13, RAW	Sample Date	4/17/13 0842	Military Time	0842
4					
5					
6					
7					
8					

LOGGED BY (signature): *[Signature]* DATE: 4/17/13

REVIEWED BY (signature): *[Signature]* DATE: 4/17/13

Retrieved By / Company Name	Date	Time	Received By / Company Name	Date	Time
Jerry Luchawsky	4/17/13	1445	2 Ray [Signature] PA Tectonics	4/17/13	1445
	4/17/13	1520	4D [Signature] ALS	4/18/13	0900

ENTER NUMBER OF CONTAINERS PER ANALYSIS

Container #	Container Type	Container Size	Preservation	ANALYSIS METHOD REQUESTED	Enter Number of Containers Per Analysis
1	CG	CG	40ml, VIAL	HELI HELI	2
2	CG	CG	40ml, VIAL	HELI HELI	2
3	CG	CG	40ml, VIAL	HELI HELI	2

ALS FIELD SERVICES

Curbed seats Present?

(If present) Seats intact?

Received on ice?

CO2 shanks completely resealed?

Containers in good condition?

ALS FIELD SERVICES:  Pickup  Labor  Combi/ite Sampling  Recall Equipment  Other: \_\_\_\_\_

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POET System Sampling Analytical Data Sheets

September 2013

October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051370</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051370 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051370001	Bobar.B.Sep13.Treated	Drinking Water	9/30/13 10:20	10/3/13 09:30	Customer
1051370002	Bobar.B.Sep13.Middle	Water	9/30/13 10:23	10/3/13 09:30	Customer
1051370003	Bobar.B.Sep13.Raw	Water	9/30/13 10:26	10/3/13 09:30	Customer
1051370004	Trip Blank-RH	Drinking Water	10/3/13 09:30	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051370 27058/Lewis Brothers Garage

 Lab ID: **1051370001**

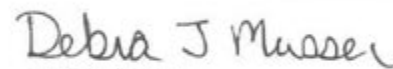
Date Collected: 9/30/2013 10:20

Matrix: Drinking Water

 Sample ID: **Bobar.B.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:03	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:03	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:03	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 22:03	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:03	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:03	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 22:03	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:03	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:03	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	73		%	70-130	EPA 524.2		10/4/13 22:03	TMP	A
4-Bromofluorobenzene (S)	80.6		%	70-130	EPA 524.2		10/4/13 22:03	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

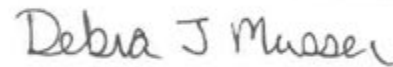
Workorder: 1051370 27058/Lewis Brothers Garage

 Lab ID: **1051370002**  
 Sample ID: **Bobar.B.Sep13.Middle**

 Date Collected: 9/30/2013 10:23  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:13	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:13	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:13	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 17:13	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 17:13	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:13	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 17:13	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:13	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:13	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	113		%	62-133	SW846 8260B		10/9/13 17:13	TMP	A
4-Bromofluorobenzene (S)	103		%	79-114	SW846 8260B		10/9/13 17:13	TMP	A
Dibromofluoromethane (S)	115		%	78-116	SW846 8260B		10/9/13 17:13	TMP	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		10/9/13 17:13	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051370 27058/Lewis Brothers Garage

Lab ID: 1051370003

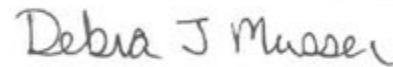
Date Collected: 9/30/2013 10:26

Matrix: Water

Sample ID: Bobar.B.Sep13.Raw

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:30	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:30	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:30	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 17:30	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 17:30	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:30	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 17:30	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:30	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:30	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	112		%	62-133	SW846 8260B		10/9/13 17:30	TMP	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		10/9/13 17:30	TMP	A
Dibromofluoromethane (S)	116		%	78-116	SW846 8260B		10/9/13 17:30	TMP	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B		10/9/13 17:30	TMP	A

**Sample Comments:**


Debra Musser

Project Coordinator

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**ANALYTICAL RESULTS**


Workorder: 1051370 27058/Lewis Brothers Garage

 Lab ID: **1051370004**  
 Sample ID: **Trip Blank-RH**

 Date Collected: 10/3/2013 09:30  
 Date Received: 10/3/2013 09:30

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:30	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:30	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:30	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/10/13 02:30	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:30	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:30	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/10/13 02:30	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:30	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:30	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	77.1		%	70-130	EPA 524.2		10/10/13 02:30	TMP	A
4-Bromofluorobenzene (S)	89.3		%	70-130	EPA 524.2		10/10/13 02:30	TMP	A

**Sample Comments:**

 Debra Musser  
 Project Coordinator

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.

34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430

ALS logo word...

Client Name: Pennsylvania Technics, Inc.  
 Address: 723 Main Street  
 Archbold, PA 18403  
 Contact: Martin Gilgallon  
 Phone#: (570) 487-1958  
 Project Name#: 27069 / Lewis Brothers Garage  
 Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.

Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N [patechnics@hotmail.com](mailto:patechnics@hotmail.com)  
 Fax?  Y  N

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time
1 Bobar B. Sep 13. Treated	9/30/2013	1020 G DW 2
2 Bobar B. Sep 13. Middle	9/30/2013	1023 G DW 2
3 Bobar B. Sep 13. Raw	9/30/2013	1026 G DW 2
4 Trip Blank - RH		DI 2
5		
6		
7		
8		
9		
10		

Project Comments: **FEDER# 8764-5124-3163**  
 Relinquished By / Company Name: **Don Sengsted**  
 Date / Time: **10/14/13 1330**  
 Received By / Company Name: **Sengsted**  
 Date / Time: **10/13/13 930**

LOGGED BY Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 REVIEWED BY Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Container Type: OG 40 ml HCL  
 Cooler Temp: 2 Therm ID: **THAS**  
 No. of Coolers: \_\_\_\_\_  
 Custody Seals Present?  Y  N Initial: **MS**  
 if present Seals Intact? \_\_\_\_\_  
 Received on Ice? \_\_\_\_\_  
 COC Labels Complete/Accurate? \_\_\_\_\_  
 Cont. in Good Cond.? \_\_\_\_\_  
 Corrod. Containers? \_\_\_\_\_  
 Correct Sample Volumes? \_\_\_\_\_  
 Correct Preservation? \_\_\_\_\_  
 Headspace/Overfill? \_\_\_\_\_  
 Courier/Tracking #: \_\_\_\_\_  
 Samples/COC Comments: \_\_\_\_\_

ALS Field Services:  Pickup  Labor  
 Composite Sampling  Rental Equipment  
 Other \_\_\_\_\_

Special Processing: USACE  Navy   
 Reportable to PADEP? Yes  No   
 PWSID #: \_\_\_\_\_  
 EDOS: Format Type: \_\_\_\_\_

State Samples Collected In: PA  NY  NJ  NC   
 Sample Disposal: Lab  Special

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October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051397</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051397 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051397001	Bright.B.Sep13.Treated	Drinking Water	9/30/13 08:30	10/3/13 09:30	Customer
1051397002	Bright.B.Sep13.Middle	Water	9/30/13 08:33	10/3/13 09:30	Customer
1051397003	Bright.B.Sep13.Raw	Water	9/30/13 08:36	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051397 27058/Lewis Brothers Garage

 Lab ID: **1051397001**

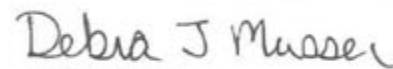
Date Collected: 9/30/2013 08:30

Matrix: Drinking Water

 Sample ID: **Bright.B.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:03	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:03	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:03	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 19:03	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:03	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:03	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 19:03	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:03	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:03	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	71.4		%	70-130	EPA 524.2		10/4/13 19:03	TMP	A
4-Bromofluorobenzene (S)	73.7		%	70-130	EPA 524.2		10/4/13 19:03	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

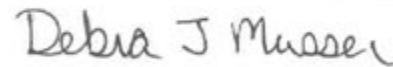
Workorder: 1051397 27058/Lewis Brothers Garage

 Lab ID: **1051397002**  
 Sample ID: **Bright.B.Sep13.Middle**

 Date Collected: 9/30/2013 08:33  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:48	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:48	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:48	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 15:48	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 15:48	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:48	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 15:48	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:48	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:48	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	108		%	62-133	SW846 8260B		10/9/13 15:48	TMP	A
4-Bromofluorobenzene (S)	106		%	79-114	SW846 8260B		10/9/13 15:48	TMP	A
Dibromofluoromethane (S)	101		%	78-116	SW846 8260B		10/9/13 15:48	TMP	A
Toluene-d8 (S)	105		%	76-127	SW846 8260B		10/9/13 15:48	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

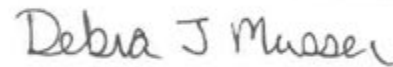
Workorder: 1051397 27058/Lewis Brothers Garage

 Lab ID: **1051397003**  
 Sample ID: **Bright.B.Sep13.Raw**

 Date Collected: 9/30/2013 08:36  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:05	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:05	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:05	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 16:05	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 16:05	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:05	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 16:05	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:05	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:05	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	110		%	62-133	SW846 8260B		10/9/13 16:05	TMP	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		10/9/13 16:05	TMP	A
Dibromofluoromethane (S)	115		%	78-116	SW846 8260B		10/9/13 16:05	TMP	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 16:05	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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REQUEST FOR ANALYSIS**  
**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.**

ALS\_logo\_word...  
 34 Dogwood Lane  
 Middletown, PA 17057  
 P. 717-944-5541  
 F. 717-944-1430

Client Name: Pennsylvania Technics, Inc.  
 Address: 720 Main Street  
 Archbald, PA 18403

Contact: Martin Giggallon  
 Phone#: (570) 487-1939  
 Project Name#: 27030 / Lewis Brothers Garage  
 Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.

Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N [patelectronics@hotmail.com](mailto:patelectronics@hotmail.com)  
 Fax?  Y  N No.

Container Type: CG CG  
 Container Size: 40 ml 40 ml  
 Preservative: HCL HCL

ANALYSIS/METHOD REQUESTED

Enter Number of Containers Per Sample or Field Results Below.

Sample Description/Location <small>(as it will appear on the lab report)</small>	Sample Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below	Comments
1 Bright B Sep13, Treated	9/30/2013	0830	G DW	2	PA 624 N Pennsylvania Unleaded - New List
2 Bright B Sep13, Middle	9/30/2013	0833	G DW	2	PA 628 B Pennsylvania Unleaded - New List
3 Bright B Sep13, Raw	9/30/2013	0836	G DW	2	
4					
5					
6					
7					
8					
9					
10					

Project Comments: **FED EX # 87104-5724-3163**  
 Relinquished By / Company Name: **Scroese**  
 Date: 10/13/13  
 Time: 1330

Logged By / Signature: **[Signature]** Date: 10/13/13  
 Reviewed By / Signature: **[Signature]** Date: 10/13/13

ALS Field Services:  Pickup  Labor  Rental Equipment  
 Composite Sampling  Other: \_\_\_\_\_

Special Processing:  Starabid  CLP-like  USACE  
 Navy  USACE

State Samples Collected In:  NY  NJ  PA  NC

Sample Disposal:  Lab  Special

Reportable to PA DEP? Yes  No   
 PWSID #: \_\_\_\_\_  
 EDDS: Form Type: \_\_\_\_\_

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November 7, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1055480</b>
Purchase Order:	Workorder ID: <b>Crossley</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Saturday, October 26, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1055480 Crossley

Discard Date: 11/21/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1055480001	Crossley.B.Oct 13.Treated	Drinking Water	10/25/13 08:00	10/26/13 09:30	Customer
1055480002	Crossley.B.Oct 13.Middle	Water	10/25/13 08:04	10/26/13 09:30	Customer
1055480003	Crossley.B.Oct 13.Raw	Water	10/25/13 08:10	10/26/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1055480 Crossley

Lab ID: 1055480001

Date Collected: 10/25/2013 08:00

Matrix: Drinking Water

Sample ID: Crossley.B.Oct 13.Treated

Date Received: 10/26/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:33	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:33	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:33	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		11/5/13 03:33	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:33	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:33	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/5/13 03:33	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:33	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:33	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	77.1		%	70-130	EPA 524.2		11/5/13 03:33	TMP	A
4-Bromofluorobenzene (S)	71.4		%	70-130	EPA 524.2		11/5/13 03:33	TMP	A

**Sample Comments:**

*Debra J Musser*  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

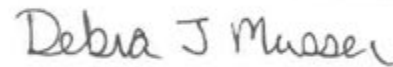
Workorder: 1055480 Crossley

 Lab ID: **1055480002**  
 Sample ID: **Crossley.B.Oct 13.Middle**

 Date Collected: 10/25/2013 08:04  
 Date Received: 10/26/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:39	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:39	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:39	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/7/13 05:39	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/7/13 05:39	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:39	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/7/13 05:39	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:39	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:39	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	77.9		%	62-133	SW846 8260B		11/7/13 05:39	DD	A
4-Bromofluorobenzene (S)	99.5		%	79-114	SW846 8260B		11/7/13 05:39	DD	A
Dibromofluoromethane (S)	84.8		%	78-116	SW846 8260B		11/7/13 05:39	DD	A
Toluene-d8 (S)	85.1		%	76-127	SW846 8260B		11/7/13 05:39	DD	A

**Sample Comments:**

 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1055480 Crossley

Lab ID: 1055480003


Date Collected: 10/25/2013 08:10

Matrix: Water

Sample ID: Crossley.B.Oct 13.Raw

Date Received: 10/26/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:14	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:14	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:14	DD	A
Methyl t-Butyl Ether	1.2		ug/L	1.0	SW846 8260B		11/7/13 06:14	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/7/13 06:14	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:14	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/7/13 06:14	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:14	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:14	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	91.4		%	62-133	SW846 8260B		11/7/13 06:14	DD	A
4-Bromofluorobenzene (S)	89.1		%	79-114	SW846 8260B		11/7/13 06:14	DD	A
Dibromofluoromethane (S)	79.9		%	78-116	SW846 8260B		11/7/13 06:14	DD	A
Toluene-d8 (S)	87.4		%	76-127	SW846 8260B		11/7/13 06:14	DD	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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October 11, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051393</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051393 27058/Lewis Brothers Garage

Discard Date: 10/25/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051393001	Fryzel.R.Sep13.Treated	Drinking Water	9/30/13 16:05	10/3/13 09:30	Customer
1051393002	Fryzel.R.Sep13.Middle	Water	9/30/13 16:09	10/3/13 09:30	Customer
1051393003	Fryzel.R.Sep13.Raw	Water	9/30/13 16:12	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051393 27058/Lewis Brothers Garage

 Lab ID: **1051393001**

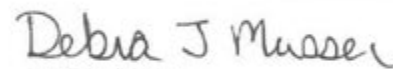
Date Collected: 9/30/2013 16:05

Matrix: Drinking Water

 Sample ID: **Fryzel.R.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/8/13 07:43	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 07:43	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 07:43	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/8/13 07:43	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/8/13 07:43	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/8/13 07:43	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/8/13 07:43	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 07:43	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 07:43	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	72.3		%	70-130	EPA 524.2		10/8/13 07:43	TMP	A
4-Bromofluorobenzene (S)	84.7		%	70-130	EPA 524.2		10/8/13 07:43	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

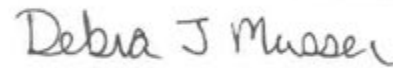
Workorder: 1051393 27058/Lewis Brothers Garage

 Lab ID: **1051393002**  
 Sample ID: **Fryzel.R.Sep13.Middle**

 Date Collected: 9/30/2013 16:09  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:21	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:21	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:21	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 07:21	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 07:21	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:21	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 07:21	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:21	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:21	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	83.5		%	62-133	SW846 8260B		10/11/13 07:21	DD	A
4-Bromofluorobenzene (S)	90.7		%	79-114	SW846 8260B		10/11/13 07:21	DD	A
Dibromofluoromethane (S)	80.6		%	78-116	SW846 8260B		10/11/13 07:21	DD	A
Toluene-d8 (S)	91		%	76-127	SW846 8260B		10/11/13 07:21	DD	A

**Sample Comments:**

 Debra Musser  
 Project Coordinator

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 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**ANALYTICAL RESULTS**

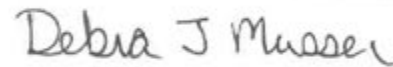
Workorder: 1051393 27058/Lewis Brothers Garage

 Lab ID: **1051393003**  
 Sample ID: **Fryzel.R.Sep13.Raw**

 Date Collected: 9/30/2013 16:12  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:04	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:04	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:04	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 07:04	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 07:04	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:04	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 07:04	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:04	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:04	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	82.5		%	62-133	SW846 8260B		10/11/13 07:04	DD	A
4-Bromofluorobenzene (S)	90.3		%	79-114	SW846 8260B		10/11/13 07:04	DD	A
Dibromofluoromethane (S)	80.2		%	78-116	SW846 8260B		10/11/13 07:04	DD	A
Toluene-d8 (S)	89.6		%	76-127	SW846 8260B		10/11/13 07:04	DD	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**CHAIN OF CUSTODY/  
 REQUEST FOR ANALYSIS**  
**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT!**  
**SAMPLER INSTRUCTIONS ON THE BACK**

ALS\_logo\_word...  
 34 Dogwood Lane  
 Middletown, PA 17057  
 P. 717-944-5541  
 F. 717-944-1430

Client Name: Pennsylvania Technologies, Inc.		Container Type: CG	CG	Container Size: 40 ml	CG	40 ml	Container Preservative: HCL	HCL	Container ID: 18-ALS	Therm ID: 18-ALS	Therm ID: 18-ALS	Therm ID: 18-ALS
Address: 723 Main Street Archibald, PA 18403		Container Type: HCL	HCL	Container Size: 40 ml	HCL	40 ml	Container Preservative: HCL	HCL	Container ID: 18-ALS	Therm ID: 18-ALS	Therm ID: 18-ALS	Therm ID: 18-ALS
Contact: Merrin Gilgallon		ANALYSIS/METHOD REQUESTED										
Phone#: (570) 487-9559		Enter Number of Containers Per Sample or Field Results Below.										
Project Name#: 27068 / Lewis Brothers Garage		Matrix										
Bill To:		Matrix										
TAT: <input checked="" type="checkbox"/> Normal Standard TAT is 10-12 business days. <input type="checkbox"/> Rush-Subject to ALS approval and surcharges.		Matrix										
Date Required: _____ Approved By: _____		Matrix										
Email? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N palelectronics@hotmail.com		Matrix										
Fax? <input type="checkbox"/> Y <input type="checkbox"/> N		Matrix										
Sample Description/Location		Sample Date	Time	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix
1 Fryzel R. Sep 13 Treated		9/30/2013	1605	G	DW	2						
2 Fryzel R. Sep 13 Middle		9/30/2013	1604	G	DW	2						
3 Fryzel R. Sep 13 Raw		9/30/2013	1612	G	DW	2						
4												
5												
6												
7												
8												
9												
10												
Project Comments:		ALS Field Services: <input type="checkbox"/> Pickup <input type="checkbox"/> Labor <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment <input type="checkbox"/> Other: _____										
FED EX # 8764-5724-3163		Special Processing: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> OLP-like <input type="checkbox"/> USACE <input type="checkbox"/> Navy <input type="checkbox"/> State Samples Collected In: <input type="checkbox"/> NY <input type="checkbox"/> NJ <input checked="" type="checkbox"/> PA <input type="checkbox"/> NC										
Relinquished By / Company Name		Date	Time	Date	Time	Reportable to PADEP? <input type="checkbox"/> Yes <input type="checkbox"/> No		Sample Disposal: <input type="checkbox"/> Lab <input type="checkbox"/> Special		PWSID #		
By My PA Technics		10/21/13	1330	10/21/13	9:30							
3												
5												
7												
9												
EDDS: Format Type:		Matrix: <input type="checkbox"/> Air <input type="checkbox"/> DW=Drinking Water, GW=Groundwater, DI=Drinking Water, OL=Other Liquid, SL=Sludge, SO=Soil, WP=Wipe, WW=Wastewater										

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November 7, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1055479</b>
Purchase Order:	Workorder ID: <b>Hryhorcoff</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Saturday, October 26, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1055479 Hryhorcoff

Discard Date: 11/21/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1055479001	Hryhorcoff.M.Oct 13.Treated	Drinking Water	10/25/13 09:03	10/26/13 09:30	Customer
1055479002	Hryhorcoff.M.Oct 13.Middle	Water	10/25/13 09:08	10/26/13 09:30	Customer
1055479003	Hryhorcoff.M.Oct 13.Raw	Water	10/25/13 09:12	10/26/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1055479 Hryhorcoff

Lab ID: 1055479001 Date Collected: 10/25/2013 09:03 Matrix: Drinking Water  
Sample ID: Hryhorcoff.M.Oct 13.Treated Date Received: 10/26/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		11/5/13 02:16	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 02:16	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 02:16	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		11/5/13 02:16	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		11/5/13 02:16	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/5/13 02:16	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/5/13 02:16	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 02:16	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 02:16	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	83		%	70-130	EPA 524.2		11/5/13 02:16	TMP	A
4-Bromofluorobenzene (S)	76.2		%	70-130	EPA 524.2		11/5/13 02:16	TMP	A

**Sample Comments:**

*Debra J Musser*  
Debra Musser  
Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1055479 Hryhorcoff

Lab ID: 1055479002 Date Collected: 10/25/2013 09:08 Matrix: Water  
Sample ID: Hryhorcoff.M.Oct 13.Middle Date Received: 10/26/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/7/13 04:55	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 04:55	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 04:55	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/7/13 04:55	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/7/13 04:55	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/7/13 04:55	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/7/13 04:55	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 04:55	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 04:55	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	80.4		%	62-133	SW846 8260B		11/7/13 04:55	DD	A
4-Bromofluorobenzene (S)	103		%	79-114	SW846 8260B		11/7/13 04:55	DD	A
Dibromofluoromethane (S)	87.5		%	78-116	SW846 8260B		11/7/13 04:55	DD	A
Toluene-d8 (S)	84.5		%	76-127	SW846 8260B		11/7/13 04:55	DD	A

**Sample Comments:**

*Debra J Musser*  
Debra Musser  
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 1055479 Hryhorcoff

Lab ID: 1055479003  
Sample ID: Hryhorcoff.M.Oct 13.Raw

Date Collected: 10/25/2013 09:12 Matrix: Water  
Date Received: 10/26/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:17	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:17	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:17	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/7/13 05:17	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/7/13 05:17	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:17	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/7/13 05:17	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:17	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 05:17	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	80.7		%	62-133	SW846 8260B		11/7/13 05:17	DD	A
4-Bromofluorobenzene (S)	105		%	79-114	SW846 8260B		11/7/13 05:17	DD	A
Dibromofluoromethane (S)	85.3		%	78-116	SW846 8260B		11/7/13 05:17	DD	A
Toluene-d8 (S)	86.1		%	76-127	SW846 8260B		11/7/13 05:17	DD	A

Sample Comments:

*Debra J Musser*  
Debra Musser  
Project Coordinator

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ALS\_logo\_word...

34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.

1 of 1

Client Name: Pennsylvania Technics, Inc.	Container Type: CG	Cooler Temp: 4	Therm ID: 7185	No. of Coolers: 1	Initial: [ ]
Address: 723 Main Street Acobasid, PA 18603	Container Size: 40 ml				
Contact: Martin Glogation	Preservative: HCL				
Phone#: (717)-487-1959					
Project Name#: 27058 / Lewis Brothers Garage					
Bill To:					
TAT: <input checked="" type="checkbox"/> Normal Standard TAT is 10-12 business days. <input type="checkbox"/> Rush-Subject to ALS approval and surcharges.					
Date Required:					
Approved By: [Signature]					
Email: [ ]					
Fax: [ ]					

Sample Description/Location <small>(as it will appear on the lab report)</small>	Sample Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below.	Comments
1 Hydrocoff.M.Oct13.Treated	10/25/13	0905	G DW	2	
2 Hydrocoff.M.Oct13.Middle	10/25/13	0908	G DW	2	
3 Hydrocoff.M.Oct13.Raw	10/25/13	0912	G DW	2	
4					
5					
6					
7					
8					
9					
10					

Project Comments: Fed # : 8053 7046 7016	ALS Field Services: <input type="checkbox"/> Pickup <input type="checkbox"/> Labor	Special Processing: <input type="checkbox"/> USACE <input type="checkbox"/> Navy <input type="checkbox"/> NY <input type="checkbox"/> NJ <input type="checkbox"/> PA <input type="checkbox"/> NC	State Samples Collected In:
Reinquished By / Company Name: [Signature]	Composite Sampling: <input type="checkbox"/> Rental Equipment: <input type="checkbox"/> Other: <input type="checkbox"/>	Sample Disposal: <input type="checkbox"/> Lab <input type="checkbox"/> Special <input type="checkbox"/>	
Date: 10/25/13 13:00	Received By / Company Name: [Signature]	Reportable to PADEP? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date: 10/25/13 09:20		PWSID #	
		EDDS: Format Type	

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October 9, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051377</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051377 27058/Lewis Brothers Garage

Discard Date: 10/23/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051377001	JonesDW.Sep13	Drinking Water	9/30/13 16:40	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**


Workorder: 1051377 27058/Lewis Brothers Garage

 Lab ID: **1051377001**  
 Sample ID: **JonesDW.Sep13**

 Date Collected: 9/30/2013 16:40  
 Date Received: 10/3/2013 09:30

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/8/13 14:04	TMP	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 14:04	TMP	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 14:04	TMP	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/8/13 14:04	TMP	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/8/13 14:04	TMP	B
Toluene	ND		ug/L	0.50	EPA 524.2		10/8/13 14:04	TMP	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/8/13 14:04	TMP	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 14:04	TMP	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 14:04	TMP	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	71.1		%	70-130	EPA 524.2		10/8/13 14:04	TMP	B
4-Bromofluorobenzene (S)	78.4		%	70-130	EPA 524.2		10/8/13 14:04	TMP	B

**Sample Comments:**
  
 Debra Musser  
 Project Coordinator

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October 15, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051695</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, October 04, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051695 27058/Lewis Brothers Garage

Discard Date: 10/29/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051695001	Kalinowski.K.Sep13.Treated	Drinking Water	10/2/13 08:15	10/4/13 09:00	Customer
1051695002	Kalinowski.K.Sep13.Middle	Water	10/2/13 08:19	10/4/13 09:00	Customer
1051695003	Kalinowski.K.Sep13.Raw	Water	10/2/13 08:23	10/4/13 09:00	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051695 27058/Lewis Brothers Garage

 Lab ID: **1051695001**


Date Collected: 10/2/2013 08:15

Matrix: Drinking Water

 Sample ID: **Kalnowski.K.Sep13.Treated**

Date Received: 10/4/2013 09:00

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/10/13 05:55	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 05:55	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 05:55	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/10/13 05:55	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/10/13 05:55	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/10/13 05:55	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/10/13 05:55	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 05:55	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 05:55	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79.5		%	70-130	EPA 524.2		10/10/13 05:55	TMP	A
4-Bromofluorobenzene (S)	80.7		%	70-130	EPA 524.2		10/10/13 05:55	TMP	A

**Sample Comments:**

 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051695 27058/Lewis Brothers Garage

Lab ID: 1051695002

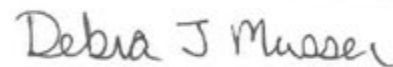
Date Collected: 10/2/2013 08:19

Matrix: Water

Sample ID: Kalnowski.K.Sep13.Middle

Date Received: 10/4/2013 09:00

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/13/13 02:43	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 02:43	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 02:43	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/13/13 02:43	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/13/13 02:43	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/13/13 02:43	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/13/13 02:43	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 02:43	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 02:43	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.7		%	62-133	SW846 8260B		10/13/13 02:43	DD	A
4-Bromofluorobenzene (S)	102		%	79-114	SW846 8260B		10/13/13 02:43	DD	A
Dibromofluoromethane (S)	89.7		%	78-116	SW846 8260B		10/13/13 02:43	DD	A
Toluene-d8 (S)	95.2		%	76-127	SW846 8260B		10/13/13 02:43	DD	A

**Sample Comments:**


Debra Musser

Project Coordinator

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**ANALYTICAL RESULTS**

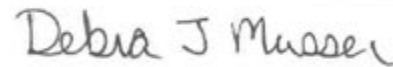
Workorder: 1051695 27058/Lewis Brothers Garage

 Lab ID: **1051695003**  
 Sample ID: **Kalnowski.K.Sep13.Raw**

 Date Collected: 10/2/2013 08:23  
 Date Received: 10/4/2013 09:00

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/13/13 03:00	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 03:00	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 03:00	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/13/13 03:00	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/13/13 03:00	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/13/13 03:00	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/13/13 03:00	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 03:00	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 03:00	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	93.3		%	62-133	SW846 8260B		10/13/13 03:00	DD	A
4-Bromofluorobenzene (S)	97.1		%	79-114	SW846 8260B		10/13/13 03:00	DD	A
Dibromofluoromethane (S)	92.4		%	78-116	SW846 8260B		10/13/13 03:00	DD	A
Toluene-d8 (S)	92.6		%	76-127	SW846 8260B		10/13/13 03:00	DD	A

**Sample Comments:**

 Debra Musser  
 Project Coordinator

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

Container Type	CG	OG	Matrix	Enter Number of Containers Per Sample or Field Results Below.
40 ml	40 ml	40 ml	Unleaded Gasoline, New List EPA	2
HCL	HCL	HCL	Unleaded Gasoline, New List EPA	2

**ANALYSIS METHOD REQUESTED**

Matrix:  G  GC  C  Composite

Sample Description/Location (as it will appear on the lab report):

Sample Date	Time	Matrix
10/2/2013	0815	G DW
10/2/2013	0819	G DW
10/2/2013	0823	G DW
4		
5		
6		
7		
8		
9		
10		

ALS\_logo\_word...  
 Client Name: Pennsylvania Telectronics, Inc.  
 Address: 723 Main Street, Aitchford, PA 18403  
 Contact: Martin Giggallon  
 Phone: (670) 487-1959  
 Project Name: 27055 / Lewis Brothers Garage  
 Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N palectronics@hotmail.com  
 Fax?  Y  N

Project Comments: 10/1/13 2010  
FED EX # 8704-5724-3120  
1 by Tech-PA-Technics

Received By / Company Name: DVA  
 Date: 10/1/13 Time: 1519  
 Date: 10/3/13 Time: 1200  
 Date: 10/1/13 Time: 9:00

ALS Field Services:  Pickup  Labor  
 Composite Sampling  Rental Equipment  
 Other: \_\_\_\_\_

Special Processing:  USAEC  Navy  NY  NJ  PA  NC  
 CLP-like  USAEC  
 Standard  CLP-like  USAEC  
 Reportable to PADEP? Yes  No   
 P/WSD # \_\_\_\_\_ EDDS: Format Type: \_\_\_\_\_

Matrix:  Air  Air  Drinking Water  Groundwater  Other Liquid  Sludge  Soil  Wipe  Wastewater  
 \* G=Grab C=Composite

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October 11, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051367</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051367 27058/Lewis Brothers Garage

Discard Date: 10/25/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051367001	Kazuba.R.Sept13.Treated	Drinking Water	9/30/13 13:01	10/3/13 09:30	Customer
1051367002	Kazuba.R.Sept13.Middle	Water	9/30/13 13:05	10/3/13 09:30	Customer
1051367003	Kazuba.R.Sept13.Raw	Water	9/30/13 13:07	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**


Workorder: 1051367 27058/Lewis Brothers Garage

 Lab ID: **1051367001**  
 Sample ID: **Kazuba.R.Sept13.Treated**

 Date Collected: 9/30/2013 13:01  
 Date Received: 10/3/2013 09:30

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 05:33	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 05:33	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 05:33	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 05:33	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 05:33	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 05:33	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 05:33	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 05:33	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 05:33	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	74.6		%	70-130	EPA 524.2		10/4/13 05:33	TMP	A
4-Bromofluorobenzene (S)	77.2		%	70-130	EPA 524.2		10/4/13 05:33	TMP	A

**Sample Comments:**
  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051367 27058/Lewis Brothers Garage

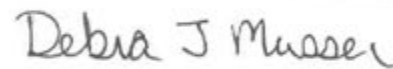
 Lab ID: **1051367002**  
 Sample ID: **Kazuba.R.Sept13.Middle**

 Date Collected: 9/30/2013 13:05  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 04:54	GLQ	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 04:54	GLQ	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 04:54	GLQ	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 04:54	GLQ	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 04:54	GLQ	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 04:54	GLQ	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 04:54	GLQ	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 04:54	GLQ	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 04:54	GLQ	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	114		%	62-133	SW846 8260B		10/11/13 04:54	GLQ	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		10/11/13 04:54	GLQ	A
Dibromofluoromethane (S)	102		%	78-116	SW846 8260B		10/11/13 04:54	GLQ	A
Toluene-d8 (S)	105		%	76-127	SW846 8260B		10/11/13 04:54	GLQ	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**


Workorder: 1051367 27058/Lewis Brothers Garage

Lab ID: **1051367003**  
Sample ID: **Kazuba.R.Sept13.Raw**

Date Collected: 9/30/2013 13:07  
Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:28	GLQ	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:28	GLQ	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:28	GLQ	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 05:28	GLQ	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 05:28	GLQ	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:28	GLQ	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 05:28	GLQ	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:28	GLQ	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:28	GLQ	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	113		%	62-133	SW846 8260B		10/11/13 05:28	GLQ	A
4-Bromofluorobenzene (S)	97.5		%	79-114	SW846 8260B		10/11/13 05:28	GLQ	A
Dibromofluoromethane (S)	104		%	78-116	SW846 8260B		10/11/13 05:28	GLQ	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/11/13 05:28	GLQ	A

**Sample Comments:**


Debra Musser  
Project Coordinator

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.

34 Dogwood Lane  
Middletown, PA 17057  
P: 717-944-5541  
F: 717-944-1430

ALS\_logo\_word

Client Name: Pennsylvania Telectronics, Inc.	CG	CG	CG	CG	CG	CG	CG	CG	CG
Address: 723 Mari Street Archbald, PA 19403	40 ml	40 ml	40 ml	40 ml	40 ml	40 ml	40 ml	40 ml	40 ml
Contact: Martin Gligallon	HCL	HCL	HCL	HCL	HCL	HCL	HCL	HCL	HCL
Phone#: (570) 487-4059									
Project Name#: 27068 / Lewis Brothers Garage									
Bill To:									
TAT <input checked="" type="checkbox"/> Normal Standard TAT is 10-12 business days. <input type="checkbox"/> Rush-Subject to ALS approval and surcharges.									
Date Required: _____ Approved By: _____									
Email? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N paterlectronics@hotmail.com									
Fax? <input type="checkbox"/> Y <input type="checkbox"/> N									

Sample	Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below
1 Kazuba, R. Sep13, Treated	9/30/2013	1301	DW	2
2 Kazuba, R. Sep13, Middle	9/30/2013	1305	DW	2
3 Kazuba, R. Sep13, Raw	9/30/2013	1307	DW	2
4				
5				
6				
7				
8				
9				
10				

Cooler Temp: 2	Therm ID: 11-215	No. of Coolers: 2	Custody Seals Present? <input checked="" type="checkbox"/>	Received on Ice? <input type="checkbox"/>	CO2 Labels Complete/Accurate? <input type="checkbox"/>	Cont. in Good Cond.? <input type="checkbox"/>	Correct Containers? <input type="checkbox"/>	Correct Sample Volumes? <input type="checkbox"/>	Correct Preservation? <input type="checkbox"/>	Headspace Volumes? <input type="checkbox"/>
ALS Field Services: <input type="checkbox"/> Pickup <input type="checkbox"/> Labor <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment <input type="checkbox"/> Other: _____										

Project Name: 8714-5721-3123	Date: 10/13/13	Time: 1330	Received By: S. Gligallon	Date: 10/13/13	Time: 9130
Relinquished By: Martin Gligallon	State Samples Collected In: <input type="checkbox"/> USACE <input type="checkbox"/> New <input type="checkbox"/> NY <input type="checkbox"/> NJ <input checked="" type="checkbox"/> PA <input type="checkbox"/> NC				
Reportable to PA DEP? <input type="checkbox"/> Yes <input type="checkbox"/> No	Sample Disposal: <input type="checkbox"/> Lab <input type="checkbox"/> Special				
PWSD #	EDDS: Format Type: _____				

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October 11, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051396</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051396 27058/Lewis Brothers Garage

Discard Date: 10/25/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051396001	King.H.Sep13.Treated	Drinking Water	9/30/13 14:30	10/3/13 09:30	Customer
1051396002	King.H.Sep13.Middle	Water	9/30/13 14:32	10/3/13 09:30	Customer
1051396003	King.H.Sep13.Raw	Water	9/30/13 14:35	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**


Workorder: 1051396 27058/Lewis Brothers Garage

 Lab ID: **1051396001**  
 Sample ID: **King.H.Sep13.Treated**

 Date Collected: 9/30/2013 14:30  
 Date Received: 10/3/2013 09:30

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/8/13 02:09	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 02:09	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 02:09	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/8/13 02:09	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/8/13 02:09	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/8/13 02:09	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/8/13 02:09	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 02:09	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 02:09	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	71.9		%	70-130	EPA 524.2		10/8/13 02:09	TMP	A
4-Bromofluorobenzene (S)	79.7		%	70-130	EPA 524.2		10/8/13 02:09	TMP	A

**Sample Comments:**
  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051396 27058/Lewis Brothers Garage

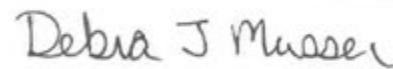
 Lab ID: **1051396002**  
 Sample ID: **King.H.Sep13.Middle**

 Date Collected: 9/30/2013 14:32  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:56	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:56	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:56	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 05:56	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 05:56	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:56	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 05:56	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:56	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 05:56	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	80.2		%	62-133	SW846 8260B		10/11/13 05:56	DD	A
4-Bromofluorobenzene (S)	91.6		%	79-114	SW846 8260B		10/11/13 05:56	DD	A
Dibromofluoromethane (S)	79.2		%	78-116	SW846 8260B		10/11/13 05:56	DD	A
Toluene-d8 (S)	91.5		%	76-127	SW846 8260B		10/11/13 05:56	DD	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

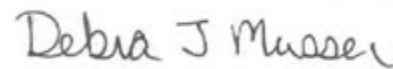
Workorder: 1051396 27058/Lewis Brothers Garage

Lab ID: **1051396003**  
Sample ID: **King.H.Sep13.Raw**

Date Collected: 9/30/2013 14:35  
Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:13	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:13	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:13	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 06:13	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 06:13	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:13	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 06:13	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:13	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:13	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	79.8		%	62-133	SW846 8260B		10/11/13 06:13	DD	A
4-Bromofluorobenzene (S)	91.7		%	79-114	SW846 8260B		10/11/13 06:13	DD	A
Dibromofluoromethane (S)	78.5		%	78-116	SW846 8260B		10/11/13 06:13	DD	A
Toluene-d8 (S)	89.7		%	76-127	SW846 8260B		10/11/13 06:13	DD	A

**Sample Comments:**

  
Debra Musser  
Project Coordinator

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**CHAIN OF CUSTODY/  
 REQUEST FOR ANALYSIS**  
**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
 SAMPLER. INSTRUCTIONS ON THE BACK.**

ALS\_logo\_word  
 34 Dogwood Lane  
 Middletown, PA 17057  
 P. 717-944-5541  
 F. 717-944-1430

Client Name: Pennsylvania Technics, Inc  
 Address: 723 Main Street  
 Archbald, PA 18403  
 Contact: Mattm Gilgalon  
 Phone#: (570) 487-1939  
 Project Name#: 27066 / Lewis Brothers Garage  
 Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
 Date Required: Approved By:  
 Email?  Y  N [patechnics@hotmail.com](mailto:patechnics@hotmail.com)  
 Fax?  Y  N No.

Sample Description/Location <small>(as it will appear on the report)</small>	Sample Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below.	Sample/COC Comments
1 King.H.Sep13 Treated	9/30/2013	1430	G DW	2	PA 5243 Pennsylvania Unleaded - New List
2 King.H.Sep13 Middle	9/30/2013	1432	G DW	2	PA 5280 Pennsylvania Unleaded - New List
3 King.H.Sep13 Raw	9/30/2013	1435	G DW	2	
4					
5					
6					
7					
8					
9					
10					

Project Comments: **FED EX #8764-5724-3163**  
 Requisitioned By / Company Name: **PA Technics**  
 Date: 10/13/13 1330  
 Time: 4  
 Received By / Company Name: **Schoeffer**  
 Date: 10/13/13  
 Time: 930  
 Loaded By / Signature: *[Signature]*  
 REVIEWED BY / Signature: *[Signature]*  
 Date: 10/15/13  
 Time: 1700

ALS Field Services: Pickup  Labor   
 Composite Sampling  Rental Equipment   
 Other:

Special Processing: USACE  Navy   
 Reportable to PADEP?  Yes  No  
 PWSID #:

State Samples Collected In: PA  NJ  NY  NC

Sample Disposal: Lab  Special

EDDS: Format Type:

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October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051401</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051401 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051401001	Kovaleski.K.Sep13.Treated	Drinking Water	9/30/13 08:00	10/3/13 09:30	Customer
1051401002	Kovaleski.K.Sep13.Middle	Water	9/30/13 08:03	10/3/13 09:30	Customer
1051401003	Kovaleski.K.Sep13.Raw	Water	9/30/13 08:06	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051401 27058/Lewis Brothers Garage

 Lab ID: **1051401001**

Date Collected: 9/30/2013 08:00


Matrix: Drinking Water

 Sample ID: **Kovaleski.K.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:12	TMP	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:12	TMP	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:12	TMP	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 18:12	TMP	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:12	TMP	B
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:12	TMP	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 18:12	TMP	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:12	TMP	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:12	TMP	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	70.9		%	70-130	EPA 524.2		10/4/13 18:12	TMP	B
4-Bromofluorobenzene (S)	76.8		%	70-130	EPA 524.2		10/4/13 18:12	TMP	B

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051401 27058/Lewis Brothers Garage

 Lab ID: **1051401002**

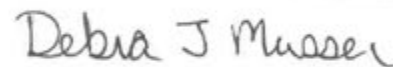
Date Collected: 9/30/2013 08:03

Matrix: Water

 Sample ID: **Kovaleski.K.Sep13.Middle**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 08:40	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 08:40	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 08:40	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 08:40	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 08:40	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 08:40	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 08:40	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 08:40	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 08:40	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	98		%	62-133	SW846 8260B		10/9/13 08:40	DD	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		10/9/13 08:40	DD	A
Dibromofluoromethane (S)	113		%	78-116	SW846 8260B		10/9/13 08:40	DD	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 08:40	DD	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

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**ANALYTICAL RESULTS**


Workorder: 1051401 27058/Lewis Brothers Garage

Lab ID: **1051401003**  
Sample ID: **Kovaleski.K.Sep13.Raw**

Date Collected: 9/30/2013 08:06  
Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:22	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:22	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:22	TMP	A
Methyl t-Butyl Ether	ND	1,2	ug/L	1.0	SW846 8260B		10/9/13 16:22	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 16:22	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:22	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 16:22	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:22	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 16:22	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	110		%	62-133	SW846 8260B		10/9/13 16:22	TMP	A
4-Bromofluorobenzene (S)	101		%	79-114	SW846 8260B		10/9/13 16:22	TMP	A
Dibromofluoromethane (S)	115		%	78-116	SW846 8260B		10/9/13 16:22	TMP	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		10/9/13 16:22	TMP	A

**Sample Comments:**


Debra Musser  
Project Coordinator

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 1051401 27058/Lewis Brothers Garage

#### PARAMETER QUALIFIERS\FLAGS

- [1] The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 119 and the control limits were 69 to 115.
  
- [2] The QC sample type MSD for method SW846 8260B was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 119 and the control limits were 69 to 115.

---

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**CHAIN OF CUSTODY / REQUEST FOR ANALYSIS**  
**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.**

ALS logo word...  
 34 Dogwood Lane  
 Middletown, PA 17057  
 P: 717-944-5541  
 F: 717-944-1430

Client Name: Pennsylvania Technonics, Inc.  
 Address: 723 Main Street  
 Archbald, PA 19403  
 Contact: Martin Gligation  
 Phone#: (570) 487-1959  
 Project Name#: 27058 / Lewis Brothers Garage  
 Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N pattechnonics@hotmail.com  
 Fax?  Y  N

Container Type: CG CG 40 ml HCL HCL  
 Container Size: 40 ml HCL HCL  
 Resistor: \_\_\_\_\_

ANALYSIS METHOD REQUESTED

Sample Description / Location	Sample Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below
1 Kovaleski, K. Sep13. Treated	9/30/2013	0800	DW	2
2 Kovaleski, K. Sep13. Middle	9/30/2013	0803	DW	2
3 Kovaleski, K. Sep13. Raw	9/30/2013	0806	DW	2
4				
5				
6				
7				
8				
9				
10				

ALS Field Services:  Pickup  Labor  
 Composite Sampling  Rental Equipment  
 Other

Special Processing: USACE  New  NJ   
 State Samples Collected In:  PA  NC

Reportable to PADEP? Yes  No   
 PWSID # \_\_\_\_\_ EDDS: Form: Type: \_\_\_\_\_

Project Comments: **FED EX # 8764-5734-3123**  
 Relinquished By / Company Name: **Benjamin / PATtechnonics**  
 Date / Time: **10/13 1330**  
 Received By / Company Name: **Schaeffer**  
 Date / Time: **10/13 930**

LOGGED BY (signature): \_\_\_\_\_ Date: **10/15/13** #200  
 REVIEWED BY (signature): \_\_\_\_\_ Date: **10/15** #180

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October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051366</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.

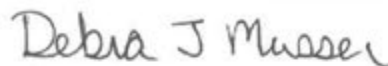
Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051366 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051366001	Kowalski.W.Sept13.Treated	Drinking Water	9/30/13 08:02	10/3/13 09:30	Customer
1051366002	Kowalski.W.Sept13.Middle	Water	9/30/13 08:06	10/3/13 09:30	Customer
1051366003	Kowalski.W.Sept13.Raw	Water	9/30/13 08:10	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051366 27058/Lewis Brothers Garage

 Lab ID: **1051366001**

Date Collected: 9/30/2013 08:02


Matrix: Drinking Water

 Sample ID: **Kowalski.W.Sept13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:38	TMP	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:38	TMP	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:38	TMP	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 18:38	TMP	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:38	TMP	B
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:38	TMP	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 18:38	TMP	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:38	TMP	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 18:38	TMP	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	72.8		%	70-130	EPA 524.2		10/4/13 18:38	TMP	B
4-Bromofluorobenzene (S)	82.6		%	70-130	EPA 524.2		10/4/13 18:38	TMP	B

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051366 27058/Lewis Brothers Garage

Lab ID: 1051366002


Date Collected: 9/30/2013 08:06

Matrix: Water

Sample ID: Kowalski.W.Sept13.Middle

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:39	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:39	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:39	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 14:39	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 14:39	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:39	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 14:39	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:39	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:39	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	110		%	62-133	SW846 8260B		10/9/13 14:39	TMP	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		10/9/13 14:39	TMP	A
Dibromofluoromethane (S)	115		%	78-116	SW846 8260B		10/9/13 14:39	TMP	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 14:39	TMP	A

**Sample Comments:**


Debra Musser  
Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051366 27058/Lewis Brothers Garage

Lab ID: 1051366003


Date Collected: 9/30/2013 08:10

Matrix: Water

Sample ID: Kowalski.W.Sept13.Raw

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:56	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:56	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:56	TMP	A
Methyl t-Butyl Ether	1.5		ug/L	1.0	SW846 8260B		10/9/13 14:56	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 14:56	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:56	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 14:56	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:56	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 14:56	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	107		%	62-133	SW846 8260B		10/9/13 14:56	TMP	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		10/9/13 14:56	TMP	A
Dibromofluoromethane (S)	114		%	78-116	SW846 8260B		10/9/13 14:56	TMP	A
Toluene-d8 (S)	105		%	76-127	SW846 8260B		10/9/13 14:56	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

ALS Logo Word...  
34 Dogwood Lane  
Middletown, PA 17057  
P: 717-944-5541  
F: 717-944-1430

Client Name: Pennsylvania Technics, Inc.  
Address: 723 Main Street  
Archbald, PA 18403

Contact: Martin Gilligan  
Phone#: (570) 487-1959  
Project Name#: 27056 / Lewis Brothers Garage  
Bill To:

TAT  
 Normal Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.

Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
Email?  Y  N [info@als.com](mailto:info@als.com)  
Fax?  Y  N

of \_\_\_\_\_  
d by Receiving Lab: \_\_\_\_\_

Cooler Temp: 3 Therm ID: TH-215  
No. of Coolers: \_\_\_\_\_ Y N Initial: *DKS*

Custom Seals Present?   
(if present) Seals Intact?   
Received on Ice?   
CO2 Labels Completed/Accurate?   
Cont. in Good Cond.?   
Correct Containers?   
Correct Sample Volumes?   
Correct Preservation?   
Headspace/Volatilities?

Courier/Tracking #: \_\_\_\_\_ Sample/IDC Comments: \_\_\_\_\_

Enter Number of Containers Per Sample or Field Results Below.

Sample Description/Location <small>(as it will appear on the lab report)</small>	Sample Date	Time	Matrix	PA 524.2	PA 8250
1 Kowalski, W. Sept 13, Treated	9/30/2013	0801	G DW	2	2
2 Kowalski, W. Sept 13, Middle	9/30/2013	0806	G DW	2	2
3 Kowalski, W. Sept 13, Raw	9/30/2013	0810	G DW	2	2
4					
5					
6					
7					
8					
9					
10					

ALS Field Services: Pickup  Labor   
Composite Sampling  Rental Equipment   
Other: \_\_\_\_\_

Project Comments: *FEDER # 8764-574-3143*

Relinquished By / Company Name: *Ray Tully PA Technics* Date: *10/21/13* Time: *1330*

Received By / Company Name: *Scioffo* Date: *10/31/13* Time: *1756*

LOGGED BY (Signature): \_\_\_\_\_ Date: *10/31/13* Time: *1910*

REVIEWED BY (Signature): \_\_\_\_\_ Date: *10/14/13* Time: *1756*

State Samples Collected In:  USACE  Navy  NY  NJ  PA  NC

Special Processing:  USACE  Navy  NY  NJ  PA  NC

Reportable to PADEP?  Yes  No  PWSID # \_\_\_\_\_

Sample Disposal:  Lab  Special

EDDS: Format Type: \_\_\_\_\_

\* G=Grab, C=Composite \*\* Matrix: A=Air, DW=Drinking Water, GW=Groundwater, OC=Oil, L=Liquid, S=Sludge, SO=Soil, WF=Waste, WW=Wastewater

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October 11, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051395</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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Debra Musser  
Project Coordinator

### ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay  
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey



### SAMPLE SUMMARY

Workorder: 1051395 27058/Lewis Brothers Garage

Discard Date: 10/25/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051395001	Kropienicki.B.Sep13.Treated	Drinking Water	9/30/13 16:31	10/3/13 09:30	Customer
1051395002	Kropienicki.B.Sep13.Middle	Water	9/30/13 16:34	10/3/13 09:30	Customer
1051395003	Kropienicki.B.Sep13.Raw	Water	9/30/13 16:37	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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### ANALYTICAL RESULTS

Workorder: 1051395 27058/Lewis Brothers Garage

 Lab ID: **1051395001**

Date Collected: 9/30/2013 16:31


Matrix: Drinking Water

 Sample ID: **Kroplenicki.B.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:34	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:34	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:34	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/8/13 08:34	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:34	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:34	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/8/13 08:34	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:34	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:34	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	75.6		%	70-130	EPA 524.2		10/8/13 08:34	TMP	A
4-Bromofluorobenzene (S)	84.4		%	70-130	EPA 524.2		10/8/13 08:34	TMP	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051395 27058/Lewis Brothers Garage

Lab ID: 1051395002


Date Collected: 9/30/2013 16:34

Matrix: Water

Sample ID: Kroplenicki.B.Sep13.Middle

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:29	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:29	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:29	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 08:29	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 08:29	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:29	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 08:29	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:29	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:29	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	86		%	62-133	SW846 8260B		10/11/13 08:29	DD	A
4-Bromofluorobenzene (S)	88.3		%	79-114	SW846 8260B		10/11/13 08:29	DD	A
Dibromofluoromethane (S)	78.4		%	78-116	SW846 8260B		10/11/13 08:29	DD	A
Toluene-d8 (S)	87.6		%	76-127	SW846 8260B		10/11/13 08:29	DD	A

**Sample Comments:**


Debra Musser

Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051395 27058/Lewis Brothers Garage

Lab ID: 1051395003


Date Collected: 9/30/2013 16:37

Matrix: Water

Sample ID: KroplenickI.B.Sep13.Raw

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:12	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:12	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:12	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 08:12	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 08:12	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:12	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 08:12	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:12	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 08:12	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.1		%	62-133	SW846 8260B		10/11/13 08:12	DD	A
4-Bromofluorobenzene (S)	88.2		%	79-114	SW846 8260B		10/11/13 08:12	DD	A
Dibromofluoromethane (S)	82		%	78-116	SW846 8260B		10/11/13 08:12	DD	A
Toluene-d8 (S)	88.5		%	76-127	SW846 8260B		10/11/13 08:12	DD	A

**Sample Comments:**


Debra Musser  
Project Coordinator

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.

ALS Logo Wordmark

34 Dogwood Lane  
Middletown, PA 17057  
P: 717-944-5541  
F: 717-944-1430

Client Name: Pennsylvania Testonics, Inc.  
Address: 723 Main Street  
Archbald, PA 18403

Contact: Marlin Giggallon  
Phone#: (570) 487-1889  
Project Name#: 27058 / Lewis Brothers Garage  
Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email: Y  Y pa.testonics@hotmail.com  
 Fax?  Y  No.

of 1

1051395

Therm ID: THAB Initial: BKS

Cooler Temp: 3

No. of Containers: \_\_\_\_\_

Custody Seals Present? \_\_\_\_\_  
 (if present) Seals Intact? \_\_\_\_\_  
 Received on legs? \_\_\_\_\_  
 COC Label Complete/Accurate? \_\_\_\_\_  
 Cool. in Good Cond.? \_\_\_\_\_  
 Correct Containers? \_\_\_\_\_  
 Correct Sample Volumes? \_\_\_\_\_  
 Correct Preservation? \_\_\_\_\_  
 Headspace/Volatiles? \_\_\_\_\_  
 Courier/Tracking #: 8765 3724 3103

Sample/COG Comments

Enter Number of Containers Per Sample or Field Results Below.

Sample	Date	Time	Matrix	Containers	Notes
1	9/30/2013	1631	G DW	2	PA 8280 Pennsylvania Untreated - New Lot
2	9/30/2013	1634	G DW	2	PA 8242 Pennsylvania Untreated - New Lot
3	9/30/2013	1637	G DW	2	
4					
5					
6					
7					
8					
9					
10					

ALS Field Services:  Pickup  Labor  Rental Equipment  
 Composite Sampling  Other

Special Processing:  USACE  Navy  NI  PA  NC  Specialist

State Samples Collected In:  USACE  Navy  NI  PA  NC  Specialist

Deliverables:  Standard  G.P.-like  USACE

Reportable to PADEP? Yes  No  PWSID # \_\_\_\_\_ EDDS: Formet Type \_\_\_\_\_

Project Comments: FEDEX # 8764-5724-3103  
Relinquished By: PA Testonics  
10/2/13 1330  
2 Schaeffer  
10/9/13 9130

LOGGED BY (signature): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 RECEIVED BY (signature): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

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October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051398</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051398 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051398001	Kuzmiak.M.Sep13.Treated	Drinking Water	9/30/13 09:03	10/3/13 09:30	Customer
1051398002	Kuzmiak.M.Sep13.Middle	Water	9/30/13 09:07	10/3/13 09:30	Customer
1051398003	Kuzmiak.M.Sep13.Raw	Water	9/30/13 09:13	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051398 27058/Lewis Brothers Garage

 Lab ID: **1051398001**

Date Collected: 9/30/2013 09:03


Matrix: Drinking Water

 Sample ID: **Kuzmiak.M.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:20	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:20	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:20	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 20:20	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:20	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:20	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 20:20	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:20	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:20	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	71.1		%	70-130	EPA 524.2		10/4/13 20:20	TMP	A
4-Bromofluorobenzene (S)	72.2		%	70-130	EPA 524.2		10/4/13 20:20	TMP	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

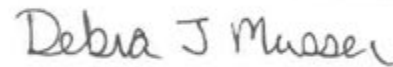
Workorder: 1051398 27058/Lewis Brothers Garage

Lab ID: **1051398002**  
Sample ID: **Kuzniak.M.Sep13.Middle**

Date Collected: 9/30/2013 09:07  
Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:47	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:47	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:47	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 19:47	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 19:47	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:47	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 19:47	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:47	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:47	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	115		%	62-133	SW846 8260B		10/9/13 19:47	TMP	A
4-Bromofluorobenzene (S)	106		%	79-114	SW846 8260B		10/9/13 19:47	TMP	A
Dibromofluoromethane (S)	120	1	%	78-116	SW846 8260B		10/9/13 19:47	TMP	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 19:47	TMP	A

**Sample Comments:**


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Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051398 27058/Lewis Brothers Garage

Lab ID: 1051398003

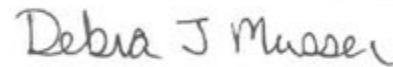
Date Collected: 9/30/2013 09:13

Matrix: Water

Sample ID: Kuzmiak.M.Sep13.Raw

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:04	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:04	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:04	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 20:04	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 20:04	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:04	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 20:04	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:04	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:04	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	116		%	62-133	SW846 8260B		10/9/13 20:04	TMP	A
4-Bromofluorobenzene (S)	101		%	79-114	SW846 8260B		10/9/13 20:04	TMP	A
Dibromofluoromethane (S)	119	2	%	78-116	SW846 8260B		10/9/13 20:04	TMP	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		10/9/13 20:04	TMP	A

**Sample Comments:**


Debra Musser  
Project Coordinator

**ALS Environmental Laboratory Locations Across North America**

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay  
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey



### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 1051398 27058/Lewis Brothers Garage

#### PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 120 and the control limits were 78 to 116. This result was reported at a dilution of 1.
  
- [2] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 119 and the control limits were 78 to 116. This result was reported at a dilution of 1.

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430

Client Name: Pennsylvania Technics, Inc.  
Address: 723 Main Street  
Achtbald, PA 18403

Contact: Martin Gliglich  
Phone#: (570) 487-1959  
Project Name#: 27036 / Lewis Brothers Garage  
Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N pattechnics@hotmail.com  
 Fax?  Y  N \_\_\_\_\_

of \_\_\_\_\_

\_\_\_\_\_ (Receiving Lab)

Cooler Temp: 3 Therm ID: #215 Initial: JKS

No. of Coolers: \_\_\_\_\_

Custody Seals Present? \_\_\_\_\_  
 (if present) Seals Intact? \_\_\_\_\_  
 Received on site? \_\_\_\_\_  
 COC Labels Complete/Correct? \_\_\_\_\_  
 Cont. In Good Cond.? \_\_\_\_\_  
 Correct Containers? \_\_\_\_\_  
 Correct Sample Volumes? \_\_\_\_\_  
 Correct Preservation? \_\_\_\_\_  
 Headspace Vials/Seals? \_\_\_\_\_

Counter/Tracking #: \_\_\_\_\_

Sample/COC Comments: \_\_\_\_\_

Sample	Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below.
1 Kuzniak M. Sep 13 Treated	9/30/2013	0103	G DW	2
2 Kuzniak M. Sep 13 Middle	9/30/2013	0107	G DW	2
3 Kuzniak M. Sep 13 Raw	9/30/2013	0113	G DW	2
4				
5				
6				
7				
8				
9				
10				

ALS Field Services: Pickup \_\_\_\_\_ Labor \_\_\_\_\_  
 Composite Sampling \_\_\_\_\_ Rental Equipment \_\_\_\_\_  
 Other: \_\_\_\_\_

Project Comments: FED EX # 8764-5724-3163  
Relinquished By / Company Name  
by PA Technics

LOGGED BY (signature): [Signature] Date: 10/13/13 Time: 1330  
 RECEIVED BY (signature): [Signature] Date: 10/15/13 Time: 930

State Samples Collected In:  PA  NY  NJ  NC

Special Processing:  USACE  Navy  Other: \_\_\_\_\_

Reportable to PADEP?  Yes  No  
 PWSID #: \_\_\_\_\_  
 EDDS: Format Type: \_\_\_\_\_

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October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051376</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051376 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051376001	Kvaka.J.Sep13.Treated	Drinking Water	9/30/13 09:03	10/3/13 09:30	Customer
1051376002	Kvaka.J.Sep13.Middle	Water	9/30/13 09:06	10/3/13 09:30	Customer
1051376003	Kvaka.J.Sep13.Raw	Water	9/30/13 09:09	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051376 27058/Lewis Brothers Garage

 Lab ID: **1051376001**

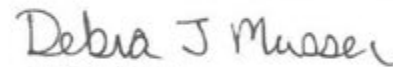
Date Collected: 9/30/2013 09:03

Matrix: Drinking Water

 Sample ID: **Kvaka.J.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:54	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:54	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:54	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 19:54	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:54	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:54	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 19:54	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:54	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:54	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	73.1		%	70-130	EPA 524.2		10/4/13 19:54	TMP	A
4-Bromofluorobenzene (S)	81.7		%	70-130	EPA 524.2		10/4/13 19:54	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**ANALYTICAL RESULTS**

Workorder: 1051376 27058/Lewis Brothers Garage

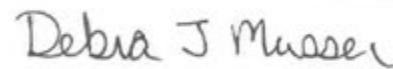
 Lab ID: **1051376002**  
 Sample ID: **Kvaka.J.Sep13.Middle**

 Date Collected: 9/30/2013 09:06  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:47	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:47	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:47	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 17:47	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 17:47	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:47	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 17:47	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:47	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 17:47	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	113		%	62-133	SW846 8260B		10/9/13 17:47	TMP	A
4-Bromofluorobenzene (S)	101		%	79-114	SW846 8260B		10/9/13 17:47	TMP	A
Dibromofluoromethane (S)	118	1	%	78-116	SW846 8260B		10/9/13 17:47	TMP	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 17:47	TMP	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey



**ANALYTICAL RESULTS**

Workorder: 1051376 27058/Lewis Brothers Garage

Lab ID: 1051376003

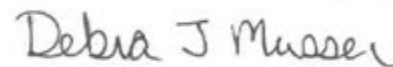
Date Collected: 9/30/2013 09:09

Matrix: Water

Sample ID: Kvaka.J.Sep13.Raw

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:04	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:04	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:04	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 18:04	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 18:04	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:04	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 18:04	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:04	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:04	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	116		%	62-133	SW846 8260B		10/9/13 18:04	TMP	A
4-Bromofluorobenzene (S)	103		%	79-114	SW846 8260B		10/9/13 18:04	TMP	A
Dibromofluoromethane (S)	119	2	%	78-116	SW846 8260B		10/9/13 18:04	TMP	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		10/9/13 18:04	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 1051376 27058/Lewis Brothers Garage

#### PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 118 and the control limits were 78 to 116. This result was reported at a dilution of 1.
  
- [2] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 119 and the control limits were 78 to 116. This result was reported at a dilution of 1.

---

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE SACK.**

Customer Type	CG	CG	CG
Container Size	40 ml	40 ml	40 ml
Procedure	HCL	HCL	HCL

**ANALYSES/METHOD REQUESTED**

PA 5242	PA 8260
PA 5242	PA 8260

Client Name: Pennsylvania Teconics, Inc.  
 Address: 723 Main Street, Archbald, PA 18403  
 Contact: Martin Gigaillon  
 Phone: (570) 487-1959  
 Project Name: 27068 / Lewis Brothers Garage  
 Bill To:

TAT:  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.

Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N [pateconics@normal.com](mailto:pateconics@normal.com)  
 Fax?  Y  N No.:

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below.	Sample/DOC Comments
1 Kvalke J Sep13 Treated	9/30/2013	0903	G DW	2	
2 Kvalke J Sep13 Middle	9/30/2013	0906	G DW	2	
3 Kvalke J Sep13 Raw	9/30/2013	0909	G DW	2	
4					
5					
6					
7					
8					
9					
10					

Project Comments: **FEDEX # 8704-5724-3143**  
 Requisitioned By / Company Name: **PA Teconics**  
 Date / Time: **10/13/13 1330**  
 Received By / Company Name: **DM** Date / Time: **10/13/13 1757**  
 Date / Time: **10/13/13 1330**  
 Date / Time: **10/13/13 1330**

ALS Field Services:  Pickup  Labor  Rental Equipment  
 Composite Sampling  Other: \_\_\_\_\_

Special Processing:  Standard  CLP-like  USACE  
 USACE  Navy

Reportable to PADEP? Yes  No  PWSID # \_\_\_\_\_ EDDS: Format Type: \_\_\_\_\_

Sample Disposal:  Lab  Special

State Samples Collected In:  NY  NJ  PA  NC

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 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051399</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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### SAMPLE SUMMARY

Workorder: 1051399 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051399001	Lewis Home.Sep13.Treated	Drinking Water	9/30/13 08:43	10/3/13 09:30	Customer
1051399002	Lewis Home.Sep13.Middle	Water	9/30/13 08:49	10/3/13 09:30	Customer
1051399003	Lewis Home.Sep13.Raw	Water	9/30/13 08:54	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
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MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
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**ANALYTICAL RESULTS**

Workorder: 1051399 27058/Lewis Brothers Garage

Lab ID: 1051399001

Date Collected: 9/30/2013 08:43

Matrix: Drinking Water

Sample ID: Lewis Home.Sep13.Treated

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:29	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:29	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:29	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 19:29	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:29	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:29	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 19:29	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:29	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 19:29	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	72.8		%	70-130	EPA 524.2		10/4/13 19:29	TMP	A
4-Bromofluorobenzene (S)	73.7		%	70-130	EPA 524.2		10/4/13 19:29	TMP	A

**Sample Comments:**

*Debra J Musser*  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051399 27058/Lewis Brothers Garage

Lab ID: 1051399002

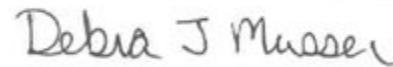
Date Collected: 9/30/2013 08:49

Matrix: Water

Sample ID: Lewis Home.Sep13.Middle

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:21	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:21	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:21	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 20:21	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 20:21	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:21	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 20:21	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:21	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:21	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	117		%	62-133	SW846 8260B		10/9/13 20:21	TMP	A
4-Bromofluorobenzene (S)	98.9		%	79-114	SW846 8260B		10/9/13 20:21	TMP	A
Dibromofluoromethane (S)	122	1	%	78-116	SW846 8260B		10/9/13 20:21	TMP	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		10/9/13 20:21	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051399 27058/Lewis Brothers Garage

Lab ID: 1051399003


Date Collected: 9/30/2013 08:54

Matrix: Water

Sample ID: Lewis Home.Sep13.Raw

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:38	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:38	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:38	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 20:38	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 20:38	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:38	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 20:38	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:38	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:38	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	117		%	62-133	SW846 8260B		10/9/13 20:38	TMP	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		10/9/13 20:38	TMP	A
Dibromofluoromethane (S)	121	2	%	78-116	SW846 8260B		10/9/13 20:38	TMP	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B		10/9/13 20:38	TMP	A

**Sample Comments:**


Debra Musser  
Project Coordinator

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 1051399 27058/Lewis Brothers Garage

#### PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 122 and the control limits were 78 to 116. This result was reported at a dilution of 1.
  
- [2] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 121 and the control limits were 78 to 116. This result was reported at a dilution of 1.

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**CHAIN OF CUSTODY/  
 REQUEST FOR ANALYSIS**  
**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
 SAMPLER. INSTRUCTIONS ON THE BACK**

34 Dogwood Lane  
 Middletown, PA 17057  
 P: 717-944-5541  
 F: 717-944-1430

Client Name: Pennsylvania Technics, Inc.  
 Address: 723 Main Street  
 Archbald, PA 15403  
 Contact: Martin Gligallon  
 Phone#: (570) 487-1959  
 Project Name#: 27058 / Lewis Brothers Garage  
 Bill To:

TAT:  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N pattechnics@hotmail.com  
 Fax?  Y  N

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below	Sample/COC Comments
1 Lewis Home-Sep 13, Treated	9/30/2013	0843	G DW	2	PA 8260 Pennsylvania Unleaded - New List -
2 Lewis Home-Sep 13, M480e	9/30/2013	0844	G DW	2	PA 5242 Pennsylvania Unleaded - New List -
3 Lewis Home-Sep 13, Raw	9/30/2013	0854	G DW	2	
4					
5					
6					
7					
8					
9					
10					

Project Comments: FED EX # 8764-5124-3163  
 Relinquished By / Company Name: PA Technics  
 Date: 10/2/13 Time: 1330  
 Received By / Company Name: Schroeder  
 Date: 10/2/13 Time: 9:30  
 Logged By (Signature): [Signature]  
 Reviewed By (Signature): [Signature]

ALS Field Services:  Pickup  Labor  Rental Equipment  
 Composite Sampling  Other

Special Processing:  Standard  DCP-like  USACE  
 Navy  NY  NJ  PA  NC

State Samples Collected In:  PA  NC

Sample Disposal:  Lab  Special

Reproducible to PADEP? Yes  No   
 PWSID #: \_\_\_\_\_  
 EDDS: Form Type: \_\_\_\_\_

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October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051400</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051400 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051400001	Makala.A.Sep13.Treated	Drinking Water	9/30/13 13:06	10/3/13 09:30	Customer
1051400002	Makala.A.Sep13.Middle	Water	9/30/13 13:10	10/3/13 09:30	Customer
1051400003	Makala.A.Sep13.Raw	Water	9/30/13 13:14	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051400 27058/Lewis Brothers Garage

Lab ID: 1051400001

Date Collected: 9/30/2013 13:06


Matrix: Drinking Water

Sample ID: Makala.A.Sep13.Treated

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/8/13 13:38	TMP	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 13:38	TMP	B
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 13:38	TMP	B
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/8/13 13:38	TMP	B
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/8/13 13:38	TMP	B
Toluene	ND		ug/L	0.50	EPA 524.2		10/8/13 13:38	TMP	B
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/8/13 13:38	TMP	B
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 13:38	TMP	B
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 13:38	TMP	B
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	70.5		%	70-130	EPA 524.2		10/8/13 13:38	TMP	B
4-Bromofluorobenzene (S)	72.4		%	70-130	EPA 524.2		10/8/13 13:38	TMP	B

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051400 27058/Lewis Brothers Garage

Lab ID: 1051400002


Date Collected: 9/30/2013 13:10

Matrix: Water

Sample ID: Makala.A.Sep13.Middle

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:55	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:55	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:55	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 20:55	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 20:55	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:55	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 20:55	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:55	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 20:55	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	116		%	62-133	SW846 8260B		10/9/13 20:55	TMP	A
4-Bromofluorobenzene (S)	103		%	79-114	SW846 8260B		10/9/13 20:55	TMP	A
Dibromofluoromethane (S)	121	1	%	78-116	SW846 8260B		10/9/13 20:55	TMP	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 20:55	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051400 27058/Lewis Brothers Garage

Lab ID: 1051400003

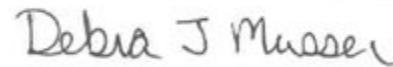
Date Collected: 9/30/2013 13:14

Matrix: Water

Sample ID: Makala.A.Sep13.Raw

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 21:12	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 21:12	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 21:12	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 21:12	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 21:12	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 21:12	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 21:12	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 21:12	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 21:12	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	116		%	62-133	SW846 8260B		10/9/13 21:12	TMP	A
4-Bromofluorobenzene (S)	100		%	79-114	SW846 8260B		10/9/13 21:12	TMP	A
Dibromofluoromethane (S)	121	1	%	78-116	SW846 8260B		10/9/13 21:12	TMP	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		10/9/13 21:12	TMP	A

**Sample Comments:**


Debra Musser  
Project Coordinator

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 1051400 27058/Lewis Brothers Garage

#### PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 121 and the control limits were 78 to 116. This result was reported at a dilution of 1.

---

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.**

of

1 0 5 1 4 0 0 \*

34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5541  
F. 717-944-1430

Client Name: Pennsylvania Technics, Inc.  
 Address: 723 Main Street  
 Archbald, PA 18403

Contact: Marth Giegion  
 Phone#: (570) 487-1959  
 Project Name#: 27030 / Lewis Brothers Garage  
 Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.

Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N patechnics@hotmail.com  
 Fax?  Y  N \_\_\_\_\_

Sample	Description/Location	Sample Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below.	Sample/COG Comments
1	Makala A. Sept 13, Treated	9/30/2013	1300	G DW	2	PA 5342 Pennsylvania Unleaded - New List - PA 8260 Pennsylvania Unleaded - New List -
2	Makala A. Sept 13, Middle	9/30/2013	1310	G DW	2	
3	Makala A. Sept 13, Raw	9/30/2013	1314	G DW	2	
4						
5						
6						
7						
8						
9						
10						

Project Completion: \_\_\_\_\_

LOGGED BY (Signature): [Signature] Date: 10/13/13

REVIEWED BY (Signature): [Signature] Date: 10/14/13

Relinquished By / Company Name: By Tully PA Technics Date: 10/21/13

Received By / Company Name: Schaeffer Date: 10/21/13

Time: 1330

ALS Field Services:  Pickup  Labor  Rental Equipment  
 Composite Sampling  Other: \_\_\_\_\_

Special Processing:  Standard  USACE  Navy  NY  NJ  PA  NC  
 D-P like  USACE  Navy  Special

Reportable to PADEP? Yes  No  PWSID # \_\_\_\_\_

EDOS: Format Type: \_\_\_\_\_

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 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051378</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051378 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051378001	Nole.D.Sep13.Treated	Drinking Water	9/30/13 09:45	10/3/13 09:30	Customer
1051378002	Nole.D.Sep13.Middle	Water	9/30/13 09:48	10/3/13 09:30	Customer
1051378003	Nole.D.Sep13.Raw	Water	9/30/13 09:50	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051378 27058/Lewis Brothers Garage

Lab ID: 1051378001

Date Collected: 9/30/2013 09:45


Matrix: Drinking Water

Sample ID: Note.D.Sep13.Treated

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:12	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:12	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:12	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 21:12	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:12	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:12	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 21:12	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:12	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:12	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	72.6		%	70-130	EPA 524.2		10/4/13 21:12	TMP	A
4-Bromofluorobenzene (S)	80.1		%	70-130	EPA 524.2		10/4/13 21:12	TMP	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

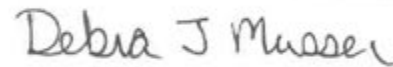
Workorder: 1051378 27058/Lewis Brothers Garage

Lab ID: **1051378002**  
Sample ID: **Note.D.Sep13.Middle**

Date Collected: 9/30/2013 09:48  
Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:21	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:21	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:21	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 18:21	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 18:21	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:21	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 18:21	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:21	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:21	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	115		%	62-133	SW846 8260B		10/9/13 18:21	TMP	A
4-Bromofluorobenzene (S)	106		%	79-114	SW846 8260B		10/9/13 18:21	TMP	A
Dibromofluoromethane (S)	118	1	%	78-116	SW846 8260B		10/9/13 18:21	TMP	A
Toluene-d8 (S)	106		%	76-127	SW846 8260B		10/9/13 18:21	TMP	A

**Sample Comments:**

  
Debra Musser  
Project Coordinator

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**ANALYTICAL RESULTS**

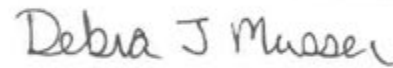
Workorder: 1051378 27058/Lewis Brothers Garage

Lab ID: **1051378003**  
Sample ID: **Note.D.Sep13.Raw**

Date Collected: 9/30/2013 09:50  
Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:38	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:38	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:38	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 18:38	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 18:38	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:38	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 18:38	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:38	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:38	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	114		%	62-133	SW846 8260B		10/9/13 18:38	TMP	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		10/9/13 18:38	TMP	A
Dibromofluoromethane (S)	120	2	%	78-116	SW846 8260B		10/9/13 18:38	TMP	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 18:38	TMP	A

**Sample Comments:**

  
Debra Musser  
Project Coordinator

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 1051378 27058/Lewis Brothers Garage

#### PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 118 and the control limits were 78 to 116. This result was reported at a dilution of 1.
  
- [2] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 120 and the control limits were 78 to 116. This result was reported at a dilution of 1.

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**ALS\_logo\_word...**

34 Dogwood Lane  
Middletown, PA 17057  
P: 717-944-5541  
F: 717-944-1430

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**

**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.**

of \_\_\_\_\_

Client Name: Pennsylvania Technics, Inc.  
Address: 723 Main Street  
Achtbald, PA 18403  
Contact: Martin Gilligan  
Phone#: (570) 487-1959  
Project Name#: 27058 / Lewis Brothers Garage  
Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N [patechnics@hotmail.com](mailto:patechnics@hotmail.com)  
 Fax?  Y  N No.:

ANALYSE/METHOD REQUESTED		Container Type	CG	CG	Enter Number of Containers Per Sample or Field Results Below.	Sample Tracking #	Sample/COG Comments
1	Note.D.Sep13.Treated	40ml	HCL	HCL	2	0945	PA 624.2 Pennsylvania Unleaded - New List - EPA 8260
2	Note.D.Sep13.Middle	40ml	HCL	HCL	2	094B	
3	Note.D.Sep13.Raw	40ml	HCL	HCL	2	0950	
4							
5							
6							
7							
8							
9							
10							

Client Name: Pennsylvania Technics, Inc.  
 Address: 723 Main Street  
 Achtbald, PA 18403  
 Contact: Martin Gilligan  
 Phone#: (570) 487-1959  
 Project Name#: 27058 / Lewis Brothers Garage  
 Bill To:

COOLERS: Therm ID: 11013 Initial: MS  
 No. of Coolers: \_\_\_\_\_  
 Custody Seals Present? \_\_\_\_\_  
 (if present) Seals Intact? \_\_\_\_\_  
 Received on Ice? \_\_\_\_\_  
 COC Labels Complete/Accurate? \_\_\_\_\_  
 Cont. in Good Cond.? \_\_\_\_\_  
 Correct Containers? \_\_\_\_\_  
 Correct Sample Volumes? \_\_\_\_\_  
 Correct Preparation? \_\_\_\_\_  
 Headspace/Volities? \_\_\_\_\_  
 Counter/Tracking #: \_\_\_\_\_

ALS Field Services:  Pickup  Labor  Rental Equipment  
 Composite Sampling  Other: \_\_\_\_\_

Special Processing:  Standard  DLP-like  USACE  Navy  NY  NJ  PA  NC

Reportable to PADEP? Yes  No  PWSID #: \_\_\_\_\_  
 EDDS: Format Type: \_\_\_\_\_

Project Comments: FED EX # 8764-5724-3143  
10/2/13 1330 2 Schneider  
10/13/13 430

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October 15, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051694</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Friday, October 04, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051694 27058/Lewis Brothers Garage

Discard Date: 10/29/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051694001	Pascavage.M.Sep13.Treated	Drinking Water	10/2/13 08:45	10/4/13 09:00	Customer
1051694002	Pascavage.M.Sep13.Middle	Water	10/2/13 08:49	10/4/13 09:00	Customer
1051694003	Pascavage.M.Sep13.Raw	Water	10/2/13 08:54	10/4/13 09:00	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051694 27058/Lewis Brothers Garage

Lab ID: **1051694001**


Date Collected: 10/2/2013 08:45

Matrix: Drinking Water

Sample ID: **Pascavage.M.Sep13.Treated**

Date Received: 10/4/2013 09:00

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/10/13 06:21	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 06:21	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 06:21	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/10/13 06:21	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/10/13 06:21	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/10/13 06:21	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/10/13 06:21	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 06:21	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 06:21	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	71.9		%	70-130	EPA 524.2		10/10/13 06:21	TMP	A
4-Bromofluorobenzene (S)	78.3		%	70-130	EPA 524.2		10/10/13 06:21	TMP	A

**Sample Comments:**

  
Debra Musser  
Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051694 27058/Lewis Brothers Garage

Lab ID: 1051694002 Date Collected: 10/2/2013 08:49 Matrix: Water  
Sample ID: Pascavage.M.Sep13.Middle Date Received: 10/4/2013 09:00

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:22	GLQ	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:22	GLQ	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:22	GLQ	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/13/13 00:22	GLQ	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/13/13 00:22	GLQ	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:22	GLQ	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/13/13 00:22	GLQ	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:22	GLQ	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:22	GLQ	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	96.2		%	62-133	SW846 8260B		10/13/13 00:22	GLQ	A
4-Bromofluorobenzene (S)	94.7		%	79-114	SW846 8260B		10/13/13 00:22	GLQ	A
Dibromofluoromethane (S)	94.1		%	78-116	SW846 8260B		10/13/13 00:22	GLQ	A
Toluene-d8 (S)	85		%	76-127	SW846 8260B		10/13/13 00:22	GLQ	A

**Sample Comments:**

*Debra J Musser*

Debra Musser  
Project Coordinator

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**ANALYTICAL RESULTS**

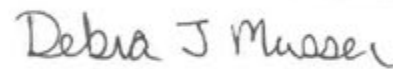
Workorder: 1051694 27058/Lewis Brothers Garage

Lab ID: **1051694003**  
Sample ID: **Pascavage.M.Sep13.Raw**

Date Collected: 10/2/2013 08:54  
Date Received: 10/4/2013 09:00

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:44	GLQ	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:44	GLQ	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:44	GLQ	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/13/13 00:44	GLQ	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/13/13 00:44	GLQ	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:44	GLQ	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/13/13 00:44	GLQ	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:44	GLQ	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/13/13 00:44	GLQ	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	97.6		%	62-133	SW846 8260B		10/13/13 00:44	GLQ	A
4-Bromofluorobenzene (S)	94.2		%	79-114	SW846 8260B		10/13/13 00:44	GLQ	A
Dibromofluoromethane (S)	91.6		%	78-116	SW846 8260B		10/13/13 00:44	GLQ	A
Toluene-d8 (S)	83.6		%	76-127	SW846 8260B		10/13/13 00:44	GLQ	A

**Sample Comments:**

  
Debra Musser  
Project Coordinator

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.

Receipt minimum (unperfected by Receiving Lab)

Cooler Temp: 3 Therm ID: 11-215 initial: JK

No. of Coolers: 1 Y 1 N 0

Custody Seals Present? 1  
 (if present) Seals Intact? 1  
 Received on Ice? 1  
 COC Labels Complete/Accurate? 1  
 Cont. In Good Cond.? 1  
 Correct Containers? 1  
 Correct Sample Volumes? 1  
 Correct Preservation? 1  
 Headspace/Volatiles? 1

Courier Tracking # 8764 5744 3180 Sample/COC Comments

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	Matrix	Enter Number of Containers Per Sample or Field Results Below.		ALS Field Services: Composite Sampling <u>1</u> Pickup <u>1</u> Labor <u>1</u> Rental Equipment <u>1</u> Other: <u>1</u>	State Samples Collected In
				Standard	Deliverables		
1 Pasceavage M.Sep13.Treated	10/2/2013	0845	G DW	2	2	USACE	NY <input type="checkbox"/> NJ <input type="checkbox"/> PA <input checked="" type="checkbox"/> NC <input type="checkbox"/>
2 Pasceavage M.Sep13.Middle	10/2/2013	0844	G DW	2	2	USACE	NY <input type="checkbox"/> NJ <input type="checkbox"/> PA <input checked="" type="checkbox"/> NC <input type="checkbox"/>
3 Pasceavage M.Sep13.Raw	10/2/2013	0854	G DW	2	2	USACE	NY <input type="checkbox"/> NJ <input type="checkbox"/> PA <input checked="" type="checkbox"/> NC <input type="checkbox"/>
4							
5							
6							
7							
8							
9							
10							

Project Comments: FED EX #8764-5744-3180

Relinquished By / Company Name: PA Technics

Received By / Company Name: 2 Salvage

Date: 10/3/13 1200 Date Time: 10/13/13 9:00

LOGGED BY (signature): [Signature] Date: 10/13/13

REMOVED BY (signature): [Signature] Date: 10/13/13

Reportable to PADEP? 1 Yes  No   
 PWSID #          EDD\$:          Format Type:

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 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

October 11, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051394</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051394 27058/Lewis Brothers Garage

Discard Date: 10/25/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051394001	Pruzinski.J.Sep13.Treated	Drinking Water	9/30/13 16:05	10/3/13 09:30	Customer
1051394002	Pruzinski.J.Sep13.Middle	Water	9/30/13 16:07	10/3/13 09:30	Customer
1051394003	Pruzinski.J.Sep13.Raw	Water	9/30/13 16:10	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051394 27058/Lewis Brothers Garage

 Lab ID: **1051394001**

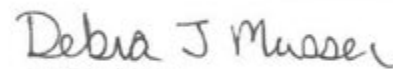
Date Collected: 9/30/2013 16:05

Matrix: Drinking Water

 Sample ID: **Pruzinski.J.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:08	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:08	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:08	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/8/13 08:08	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:08	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:08	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/8/13 08:08	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:08	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 08:08	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	74.5		%	70-130	EPA 524.2		10/8/13 08:08	TMP	A
4-Bromofluorobenzene (S)	70.4		%	70-130	EPA 524.2		10/8/13 08:08	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051394 27058/Lewis Brothers Garage

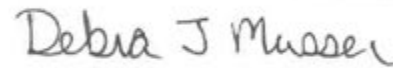
 Lab ID: **1051394002**  
 Sample ID: **Pruzinski.J.Sep13.Middle**

 Date Collected: 9/30/2013 16:07  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:55	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:55	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:55	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 07:55	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 07:55	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:55	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 07:55	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:55	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:55	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	83.2		%	62-133	SW846 8260B		10/11/13 07:55	DD	A
4-Bromofluorobenzene (S)	88.9		%	79-114	SW846 8260B		10/11/13 07:55	DD	A
Dibromofluoromethane (S)	81.5		%	78-116	SW846 8260B		10/11/13 07:55	DD	A
Toluene-d8 (S)	89.2		%	76-127	SW846 8260B		10/11/13 07:55	DD	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051394 27058/Lewis Brothers Garage

Lab ID: 1051394003

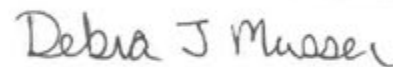
Date Collected: 9/30/2013 16:10

Matrix: Water

Sample ID: Pruzinski.J.Sep13.Raw

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:38	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:38	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:38	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 07:38	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 07:38	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:38	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 07:38	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:38	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 07:38	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	84.4		%	62-133	SW846 8260B		10/11/13 07:38	DD	A
4-Bromofluorobenzene (S)	90.8		%	79-114	SW846 8260B		10/11/13 07:38	DD	A
Dibromofluoromethane (S)	81.4		%	78-116	SW846 8260B		10/11/13 07:38	DD	A
Toluene-d8 (S)	92.2		%	76-127	SW846 8260B		10/11/13 07:38	DD	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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### CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/  
SAMPLER. INSTRUCTIONS ON THE BACK.

34 Dogwood Lane  
Middletown, PA 17057  
P: 717-944-5541  
F: 717-944-1430

ALS\_logo\_word...  
 of

Client Name: Pennsylvania Technics, Inc. Address: 723 Main Street Archbald, PA 18403		Container Type: CG CG Volume: 40 ml 40 ml Preserve: HCL HCL	Therm ID: 17415 Cooler Temp: 3	No. of Coolers: Y N Custody Seals Present? (if present) Seals Intact? Received on Ice? COC Labels Complete/Accurate? Cont. in Good Cond.? Corrod. Containers? Correct Sample Volumes? Correct Preservation? Headspace/Volatiles? Counter/Tracking #:
ANALYSIS METHOD REQUESTED				
Enter Number of Containers Per Sample or Field Results Below.				
Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	Matrix	Comments
1 Pruzinski, J. Sep13, Treated	9/30/2013	1605	G DW	2 TPA 8260 Tennessee Unleaded - New List
2 Pruzinski, J. Sep13, Middle	9/30/2013	1607	G DW	2 TPA 5242 Tennessee Unleaded - New List
3 Pruzinski, J. Sep13, Raw	9/30/2013	1610	G DW	2
4				
5				
6				
7				
8				
9				
10				
Project Comments: <b>FED EX #8764-5724-3163</b>		LOGGED BY/Signature: <b>DW</b>	DATE/TIME: <b>10/2/13 1412</b>	ALS Field Services: <input type="checkbox"/> Pickup <input type="checkbox"/> Labor <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment <input type="checkbox"/> Other:
Relinquished By/Company Name: <b>PA Technics</b>		REVIEWED BY/Signature: <b>DW</b>	DATE/TIME: <b>10/2/13 1330</b>	Special Processing: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> IOLP-like <input type="checkbox"/> USAGE <input type="checkbox"/> Navy <input type="checkbox"/> NY <input type="checkbox"/> NJ <input checked="" type="checkbox"/> PA <input type="checkbox"/> NC
State Samples Collected In: <b>PA</b>		Reportable to PADEP? <input type="checkbox"/> Yes <input type="checkbox"/> No	Sample Disposal: <input type="checkbox"/> Lab <input type="checkbox"/> Special	EDDS - Format Type: <input type="checkbox"/> Lab <input type="checkbox"/> Special
PWSID #		ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 17057		

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October 11, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051382</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051382 27058/Lewis Brothers Garage

Discard Date: 10/25/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051382001	Rabel.P.Sep13.Treated	Drinking Water	9/30/13 09:30	10/3/13 09:30	Customer
1051382002	Rabel.P.Sep13.Middle	Water	9/30/13 09:34	10/3/13 09:30	Customer
1051382003	Rabel.P.Sep13.Raw	Water	9/30/13 09:38	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**


Workorder: 1051382 27058/Lewis Brothers Garage

 Lab ID: **1051382001**  
 Sample ID: **Rabel.P.Sep13.Treated**

 Date Collected: 9/30/2013 09:30  
 Date Received: 10/3/2013 09:30

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:46	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:46	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:46	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 20:46	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:46	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:46	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 20:46	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:46	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 20:46	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	72.1		%	70-130	EPA 524.2		10/4/13 20:46	TMP	A
4-Bromofluorobenzene (S)	77.1		%	70-130	EPA 524.2		10/4/13 20:46	TMP	A

**Sample Comments:**
  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051382 27058/Lewis Brothers Garage

Lab ID: **1051382002**

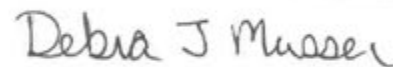
Date Collected: 9/30/2013 09:34

Matrix: Water

Sample ID: **Rabel.P.Sep13.Middle**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:29	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:29	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:29	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 19:29	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 19:29	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:29	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 19:29	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:29	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:29	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	114		%	62-133	SW846 8260B		10/9/13 19:29	TMP	A
4-Bromofluorobenzene (S)	101		%	79-114	SW846 8260B		10/9/13 19:29	TMP	A
Dibromofluoromethane (S)	120	1	%	78-116	SW846 8260B		10/9/13 19:29	TMP	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 19:29	TMP	A

**Sample Comments:**


Debra Musser  
Project Coordinator

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**ANALYTICAL RESULTS**

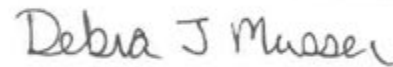
Workorder: 1051382 27058/Lewis Brothers Garage

 Lab ID: **1051382003**  
 Sample ID: **Rabel.P.Sep13.Raw**

 Date Collected: 9/30/2013 09:38  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/10/13 16:31	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/10/13 16:31	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/10/13 16:31	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/10/13 16:31	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/10/13 16:31	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/10/13 16:31	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/10/13 16:31	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/10/13 16:31	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/10/13 16:31	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	105		%	62-133	SW846 8260B		10/10/13 16:31	TMP	A
4-Bromofluorobenzene (S)	91		%	79-114	SW846 8260B		10/10/13 16:31	TMP	A
Dibromofluoromethane (S)	113		%	78-116	SW846 8260B		10/10/13 16:31	TMP	A
Toluene-d8 (S)	90.7		%	76-127	SW846 8260B		10/10/13 16:31	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 1051382 27058/Lewis Brothers Garage

#### PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 120 and the control limits were 78 to 116. This result was reported at a dilution of 1.

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**CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS**  
 ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/ SAMPLER. INSTRUCTIONS ON THE BACK.

**ALS**

Client Name: Pennsylvania Technics, Inc.  
 Address: 723 Main Street, Archbald, PA 15403  
 Contact: Martin Gligallon, Phone: (570) 487-1859  
 Project Name: 27058 / Lewis Brothers Garage  
 Bill To: [ ]  
 TAT: [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALS approval and surcharges.  
 Date Required: [ ] Approved By: [ ]  
 Email: [Y] Y patechnics@hotmail.com [ ]  
 Fax: [ ] Y No. [ ]

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	Matrix	Container Type	CG	CG	ANALYSIS/METHOD REQUESTED
1. Label: P. Sep13. Treated	9/30/2013	0930	G	DW	2	PA 8280	Pennsylvania Unleaded - New List
2. Label: P. Sep13. Middle	9/30/2013	0934	G	DW	2	PA 824 2	Pennsylvania Unleaded - New List
3. Label: P. Sep13. Raw	9/30/2013	0938	G	DW	2		
4.							
5.							
6.							
7.							
8.							
9.							
10.							

Project Comments: **FED EX #87645724-3163**

Relinquished By / Company Name: **for Lewis PA Technics**

Requested By / Company Name: **DW**

Received By / Company Name: **Sc MacGee**

Date: **10/13/13 1330**

Date: **10/13/13 0930**

Time: **10/13/13 0930**

Time: **10/13/13 0930**

LOGGED BY (signature): **[Signature]** Date: **10/13/13** Time: **0930**

REVIEWED BY (signature): **[Signature]** Date: **10/13/13** Time: **0930**

ALS Field Services:  Pickup  Labor  Composite Sampling  Rental Equipment  Other: \_\_\_\_\_

Special Processing:  USACE  Navy  NY  NJ  PA  NC

Reportable to PADEP?  Yes  No

Sample Disposal:  Lab  Special

EDDS: Format Type: \_\_\_\_\_

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October 11, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051384</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051384 27058/Lewis Brothers Garage

Discard Date: 10/25/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051384001	Rusyn.B.Sep13.Treated	Drinking Water	9/30/13 13:23	10/3/13 09:30	Customer
1051384002	Rusyn.B.Sep13.Middle	Water	9/30/13 13:26	10/3/13 09:30	Customer
1051384003	Rusyn.B.Sep13.Raw	Ground Water	9/30/13 13:30	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**


Workorder: 1051384 27058/Lewis Brothers Garage

Lab ID: **1051384001**  
Sample ID: **Rusyn.B.Sep13.Treated**

Date Collected: 9/30/2013 13:23  
Date Received: 10/3/2013 09:30

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/8/13 01:44	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 01:44	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 01:44	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/8/13 01:44	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/8/13 01:44	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/8/13 01:44	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/8/13 01:44	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 01:44	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/8/13 01:44	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	72.9		%	70-130	EPA 524.2		10/8/13 01:44	TMP	A
4-Bromofluorobenzene (S)	71.4		%	70-130	EPA 524.2		10/8/13 01:44	TMP	A

**Sample Comments:**
  
Debra Musser  
Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051384 27058/Lewis Brothers Garage

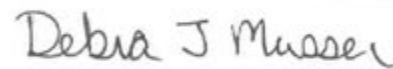
 Lab ID: **1051384002**  
 Sample ID: **Rusyn.B.Sep13.Middle**

 Date Collected: 9/30/2013 13:26  
 Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:02	GLQ	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:02	GLQ	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:02	GLQ	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 06:02	GLQ	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 06:02	GLQ	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:02	GLQ	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 06:02	GLQ	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:02	GLQ	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:02	GLQ	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	116		%	62-133	SW846 8260B		10/11/13 06:02	GLQ	A
4-Bromofluorobenzene (S)	99		%	79-114	SW846 8260B		10/11/13 06:02	GLQ	A
Dibromofluoromethane (S)	106		%	78-116	SW846 8260B		10/11/13 06:02	GLQ	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		10/11/13 06:02	GLQ	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

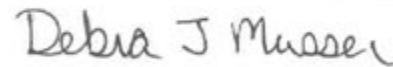
Workorder: 1051384 27058/Lewis Brothers Garage

 Lab ID: **1051384003**  
 Sample ID: **Rusyn.B.Sep13.Raw**

 Date Collected: 9/30/2013 13:30  
 Date Received: 10/3/2013 09:30

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:36	GLQ	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:36	GLQ	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:36	GLQ	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/11/13 06:36	GLQ	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/11/13 06:36	GLQ	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:36	GLQ	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/11/13 06:36	GLQ	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:36	GLQ	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/11/13 06:36	GLQ	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	118		%	62-133	SW846 8260B		10/11/13 06:36	GLQ	A
4-Bromofluorobenzene (S)	101		%	79-114	SW846 8260B		10/11/13 06:36	GLQ	A
Dibromofluoromethane (S)	106		%	78-116	SW846 8260B		10/11/13 06:36	GLQ	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		10/11/13 06:36	GLQ	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**CHAIN OF CUSTODY / REQUEST FOR ANALYSIS**  
**ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.**

ALS logo world...  
 34 Dogwood Lane  
 Middletown, PA 17057  
 P. 717-944-5541  
 F. 717-944-1430

Client Name: Pennsylvania Technologies, Inc.  
 Address: 728 Main Street  
 Archbald, PA 18403  
 Contact: Marlin Giggallon  
 Phone#: (570) 487-1969  
 Project Name#: 27058 / Lows Brothers Garage  
 Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N [patectonics@hotmail.com](mailto:patectonics@hotmail.com)  
 Fax?  Y  N

Container Type: CG 40 ml HCL  
 Container Size: 40 ml HCL  
 Preservative: HCL

Therm ID: 7725  
 No. of Coolers: 3  
 Y N Initial: *DK*

Cooler Temp: 3  
 Custody Seals Present?   
 (if present) Seals Intact?   
 Received on Ice?   
 COC Labels Complete/Accurate?   
 Cont. in Good Cond.?   
 Correct Containers?   
 Correct Sample Volumes?   
 Correct Preservation?   
 Headspace/Quies?

Cooler Tracking #: \_\_\_\_\_  
 Sample/COG Comments: \_\_\_\_\_

Sample Description/Location <small>(as it will appear on the lab report)</small>	Sample Date	Time	Enter Number of Containers Per Sample or Field Results Below.	Matrix	ALS Field Services: Composite Sampling <input type="checkbox"/> Pickup <input type="checkbox"/> Labor <input type="checkbox"/> Rental Equipment <input type="checkbox"/> Other: _____
1 Rusyn B. Sep13 Treated	9/30/2013	1303	2	PA 8260 Pennsylvania Unleaded - New List -	
2 Rusyn B. Sep13 Middle	9/30/2013	1306	2	PA 8242 Pennsylvania Unleaded - New List -	
3 Rusyn B. Sep13 Raw	9/30/2013	1330	2		
4					
5					
6					
7					
8					
9					
10					

Project Comments: *FED EX #8764-5724-3163*

Relinquished By / Company Name: *by Andy H. Technics* Date: *10/13/13* Time: *1330*

Received By / Company Name: *Severin Rex* Date: *10/13/13* Time: *9:30*

LOGGED BY (signature): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 REVIEWED BY (signature): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Special Processing: USACE  Newy   
 State Samples Collected in: NY  NJ  PA  NC

Reportable to PADEP? Yes  No   
 PWSID #: \_\_\_\_\_  
 EDOs: Format Type: \_\_\_\_\_

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November 7, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1055481</b>
Purchase Order:	Workorder ID: <b>Steinmetz</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Saturday, October 26, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1055481 Steinmetz

Discard Date: 11/21/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1055481001	Steinmetz.M.Oct 13.Treated	Drinking Water	10/25/13 09:03	10/26/13 09:30	Customer
1055481002	Steinmetz.M.Oct 13.Middle	Water	10/25/13 09:08	10/26/13 09:30	Customer
1055481003	Steinmetz.M.Oct 13.Raw	Water	10/25/13 09:12	10/26/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1055481 Steinmetz

Lab ID: 1055481001

Date Collected: 10/25/2013 09:03


Matrix: Drinking Water

Sample ID: Steinmetz.M.Oct 13.Treated

Date Received: 10/26/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:58	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:58	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:58	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		11/5/13 03:58	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:58	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:58	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/5/13 03:58	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:58	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		11/5/13 03:58	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	81		%	70-130	EPA 524.2		11/5/13 03:58	TMP	A
4-Bromofluorobenzene (S)	79.2		%	70-130	EPA 524.2		11/5/13 03:58	TMP	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1055481 Steinmetz

Lab ID: 1055481002


Date Collected: 10/25/2013 09:08

Matrix: Water

Sample ID: Steinmetz.M.Oct 13.Middle

Date Received: 10/26/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:31	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:31	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:31	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/7/13 06:31	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/7/13 06:31	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:31	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/7/13 06:31	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:31	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:31	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	90.6		%	62-133	SW846 8260B		11/7/13 06:31	DD	A
4-Bromofluorobenzene (S)	87.2		%	79-114	SW846 8260B		11/7/13 06:31	DD	A
Dibromofluoromethane (S)	80.1		%	78-116	SW846 8260B		11/7/13 06:31	DD	A
Toluene-d8 (S)	86.3		%	76-127	SW846 8260B		11/7/13 06:31	DD	A

**Sample Comments:**


Debra Musser

Project Coordinator

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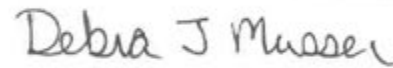
**ANALYTICAL RESULTS**

Workorder: 1055481 Steinmetz

 Lab ID: **1055481003**  
 Sample ID: **Steinmetz.M.Oct 13.Raw**

 Date Collected: 10/25/2013 09:12 Matrix: Water  
 Date Received: 10/26/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:49	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:49	DD	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:49	DD	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		11/7/13 06:49	DD	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		11/7/13 06:49	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:49	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		11/7/13 06:49	DD	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:49	DD	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		11/7/13 06:49	DD	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	92.8		%	62-133	SW846 8260B		11/7/13 06:49	DD	A
4-Bromofluorobenzene (S)	85.9		%	79-114	SW846 8260B		11/7/13 06:49	DD	A
Dibromofluoromethane (S)	80.5		%	78-116	SW846 8260B		11/7/13 06:49	DD	A
Toluene-d8 (S)	88.1		%	76-127	SW846 8260B		11/7/13 06:49	DD	A

**Sample Comments:**

 Debra Musser  
 Project Coordinator

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October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058</b>	Workorder: <b>1051380</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051380 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051380001	Stephens.J.Sep13.Treated	Drinking Water	9/30/13 10:02	10/3/13 09:30	Customer
1051380002	Stephens.J.Sep13.Middle	Water	9/30/13 10:09	10/3/13 09:30	Customer
1051380003	Stephens.J.Sep13.Raw	Water	9/30/13 10:14	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051380 27058/Lewis Brothers Garage

 Lab ID: **1051380001**

Date Collected: 9/30/2013 10:02


Matrix: Drinking Water

 Sample ID: **Stephens.J.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:37	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:37	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:37	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 21:37	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:37	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:37	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 21:37	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:37	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 21:37	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	70.8		%	70-130	EPA 524.2		10/4/13 21:37	TMP	A
4-Bromofluorobenzene (S)	76.1		%	70-130	EPA 524.2		10/4/13 21:37	TMP	A

**Sample Comments:**

  
 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

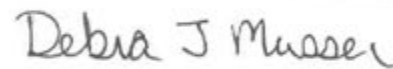
Workorder: 1051380 27058/Lewis Brothers Garage

Lab ID: **1051380002**  
Sample ID: **Stephens.J.Sep13.Middle**

Date Collected: 9/30/2013 10:09  
Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:55	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:55	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:55	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 18:55	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 18:55	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:55	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 18:55	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:55	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 18:55	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	116		%	62-133	SW846 8260B		10/9/13 18:55	TMP	A
4-Bromofluorobenzene (S)	105		%	79-114	SW846 8260B		10/9/13 18:55	TMP	A
Dibromofluoromethane (S)	122	1	%	78-116	SW846 8260B		10/9/13 18:55	TMP	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B		10/9/13 18:55	TMP	A

**Sample Comments:**

  
Debra Musser  
Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051380 27058/Lewis Brothers Garage

Lab ID: 1051380003

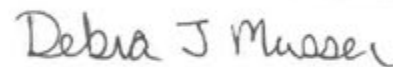
Date Collected: 9/30/2013 10:14

Matrix: Water

Sample ID: Stephens.J.Sep13.Raw

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:12	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:12	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:12	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 19:12	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 19:12	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:12	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 19:12	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:12	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 19:12	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	114		%	62-133	SW846 8260B		10/9/13 19:12	TMP	A
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B		10/9/13 19:12	TMP	A
Dibromofluoromethane (S)	119	2	%	78-116	SW846 8260B		10/9/13 19:12	TMP	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 19:12	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 1051380 27058/Lewis Brothers Garage

#### PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 122 and the control limits were 78 to 116. This result was reported at a dilution of 1.
  
- [2] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 119 and the control limits were 78 to 116. This result was reported at a dilution of 1.

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**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

34 Dogwood Lane  
Middletown, PA 17057  
P: 717-944-5541  
F: 717-944-1430

ALS logo word...

Client Name: Pensylvania Technologies, Inc.  
 Address: 723 Main Street  
 Archbald, PA 18403

Contact: Martin Gilgallon  
 Phone#: (570) 487-1950  
 Project Name#: 27866 / Lewis Brothers Garage  
 Bill To:

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
 Date Required: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Email?  Y  N [patechnics@hotmail.com](mailto:patechnics@hotmail.com)  
 Fax?  Y  N

Container Type: CG 40 ml HCL  
 Container Size: 40 ml HCL  
 Preservative: HCL

Matrix: G DW 2  
 EPA 524 2  
 EPA 8260

Sample Description/Location <small>(as it will appear on field report)</small>	Sample Date	Time	Enter Number of Containers Per Sample or Field Results Below	Sample/COC Comments
1 Stephens, J. Sep 13, Treated	9/30/2013	1000	2	
2 Stephens, J. Sep 13, Middle	9/30/2013	1000	2	
3 Stephens, J. Sep 13, Raw	9/30/2013	1014	2	
4				
5				
6				
7				
8				
9				
10				

Project Comments: *FED EX # 8764-5734-3163*  
 Relinquished By / Company Name: *PA Tech*  
 Date: *10/13/13* Time: *1330*  
 Received By / Company Name: *Schaeffer*  
 Date: *10/13/13* Time: *1732*

ALS Field Services:  Pickup  Labor  
 Composite Sampling  Rental Equipment  
 Other: \_\_\_\_\_

Special Processing: USACE  Navy   
 CLP/INE  USACE

State Samples Collected in: NY  NJ  PA  NC

Reportable to PADEP? Yes  No   
 PWSID #: \_\_\_\_\_  
 EODS: Format Type: \_\_\_\_\_

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October 10, 2013

Mr. Marty Gilgallon  
PA Tectonics  
723 Main Street  
Archbald, PA 18403

## Certificate of Analysis

Project Name: <b>27058 Lewis Brothers Garage</b>	Workorder: <b>1051372</b>
Purchase Order:	Workorder ID: <b>27058/Lewis Brothers Garage</b>

Dear Mr. Gilgallon,

Enclosed are the analytical results for samples received by the laboratory on Thursday, October 03, 2013.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Debra Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS York: 978 Loucks Mill Road, York, PA 17402 717-505-5280

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

  
Debra Musser  
Project Coordinator

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### SAMPLE SUMMARY

Workorder: 1051372 27058/Lewis Brothers Garage

Discard Date: 10/24/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1051372001	Strong.B.Sep13.Treated	Drinking Water	9/30/13 10:33	10/3/13 09:30	Customer
1051372002	Strong.B.Sep13.Middle	Water	9/30/13 10:38	10/3/13 09:30	Customer
1051372003	Strong.B.Sep13.Raw	Water	9/30/13 10:42	10/3/13 09:30	Customer
1051372004	Trip Blank-JL	Drinking Water	10/3/13 09:30	10/3/13 09:30	Customer

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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**ANALYTICAL RESULTS**

Workorder: 1051372 27058/Lewis Brothers Garage

 Lab ID: **1051372001**

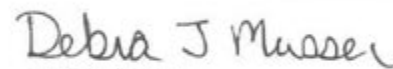
Date Collected: 9/30/2013 10:33

Matrix: Drinking Water

 Sample ID: **Strong.B.Sep13.Treated**

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:29	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:29	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:29	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/4/13 22:29	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:29	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:29	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/4/13 22:29	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:29	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/4/13 22:29	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	73.2		%	70-130	EPA 524.2		10/4/13 22:29	TMP	A
4-Bromofluorobenzene (S)	86.8		%	70-130	EPA 524.2		10/4/13 22:29	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 1051372 27058/Lewis Brothers Garage

Lab ID: 1051372002

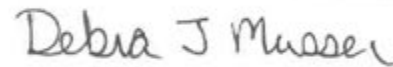
Date Collected: 9/30/2013 10:38

Matrix: Water

Sample ID: Strong.B.Sep13.Middle

Date Received: 10/3/2013 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:13	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:13	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:13	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 15:13	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 15:13	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:13	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 15:13	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:13	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:13	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	110		%	62-133	SW846 8260B		10/9/13 15:13	TMP	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		10/9/13 15:13	TMP	A
Dibromofluoromethane (S)	115		%	78-116	SW846 8260B		10/9/13 15:13	TMP	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B		10/9/13 15:13	TMP	A

**Sample Comments:**


 Debra Musser  
 Project Coordinator

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**ANALYTICAL RESULTS**

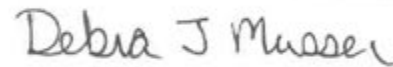
Workorder: 1051372 27058/Lewis Brothers Garage

Lab ID: **1051372003**  
Sample ID: **Strong.B.Sep13.Raw**

Date Collected: 9/30/2013 10:42  
Date Received: 10/3/2013 09:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:31	TMP	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:31	TMP	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:31	TMP	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B		10/9/13 15:31	TMP	A
Naphthalene	ND		ug/L	2.0	SW846 8260B		10/9/13 15:31	TMP	A
Toluene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:31	TMP	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B		10/9/13 15:31	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:31	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B		10/9/13 15:31	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	112		%	62-133	SW846 8260B		10/9/13 15:31	TMP	A
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B		10/9/13 15:31	TMP	A
Dibromofluoromethane (S)	118	1	%	78-116	SW846 8260B		10/9/13 15:31	TMP	A
Toluene-d8 (S)	106		%	76-127	SW846 8260B		10/9/13 15:31	TMP	A

**Sample Comments:**

  
Debra Musser  
Project Coordinator

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**ANALYTICAL RESULTS**


Workorder: 1051372 27058/Lewis Brothers Garage

Lab ID: **1051372004**  
Sample ID: **Trip Blank-JL**

Date Collected: 10/3/2013 09:30  
Date Received: 10/3/2013 09:30

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Benzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:56	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:56	TMP	A
Isopropylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:56	TMP	A
Methyl t-Butyl Ether	ND		ug/L	0.50	EPA 524.2		10/10/13 02:56	TMP	A
Naphthalene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:56	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:56	TMP	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		10/10/13 02:56	TMP	A
1,2,4-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:56	TMP	A
1,3,5-Trimethylbenzene	ND		ug/L	0.50	EPA 524.2		10/10/13 02:56	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	73.1		%	70-130	EPA 524.2		10/10/13 02:56	TMP	A
4-Bromofluorobenzene (S)	79.4		%	70-130	EPA 524.2		10/10/13 02:56	TMP	A

**Sample Comments:**
  
Debra Musser  
Project Coordinator

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### ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 1051372 27058/Lewis Brothers Garage

#### PARAMETER QUALIFIERS\FLAGS

- [1] The surrogate Dibromofluoromethane for method SW846 8260B was outside of control limits. The % Recovery was reported as 118 and the control limits were 78 to 116. This result was reported at a dilution of 1.

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