

Table 1
Former Route 119 Dunbar Amoco
Dunbar Township, Fayette County, PA
PADEP Facility ID #26-18711
USTIF Claim #1996-0116(F)

Well Construction Details

Well Designation/ Location	Consultant Oversight	Date Drilled/Installed	Well Diameter (inches)	Well Depth (fbg)	Screened Interval (fbg)	Notes
MW-1	Chambers	08/29/97	4	35.5	15.5 - 35.5	Abandoned
MW-2	Chambers	08/29/97	4	40.75	15.75 - 40.75	Abandoned
MW-3	Chambers	08/29/97	4	36	16 - 36	Identified as Shallow
MW-4	Chambers	08/29/97	4	50.75	30.75 - 50.75	Identified as Deep
MW-5	Chambers	11/04/97	4	45.5	25.5 - 45.5	Abandoned
MW-6	Chambers	11/04/97	4	46	26 - 46	Identified as Deep
DW-1	RETTEW	07/27/01	NA	NA	NA	Abandoned
MW-7	Letterle	05/04/06	2	50	35 - 50	Identified as Deep
MW-8	Letterle	05/08/06	2	51	36 - 51	Identified as Deep
MW-9	Letterle	05/05/06	2	55	40 - 55	Abandoned
MW-10	Letterle	10/09/07	2	50	35 - 50	Identified as Deep
MW-10S	Converse	05/16/14	2	30	15 - 30	Identified as Shallow
MW-11	Letterle	10/09/07	2	50	35 - 50	Abandoned
MW-12	Letterle	12/28/10	2	50	30 - 50	Identified as Deep
MW-12S	Converse	05/15/14	2	27	15 - 27	Identified as Shallow
MW-13	Letterle	12/28/10	2	50	30 - 50	Abandoned
MW-13S	Converse	05/13/14	2	27	15 - 27	Abandoned
MW-14S	Letterle	12/28/10	2	30	15 - 30	Abandoned
MW-15S	Letterle	12/28/10	2	30	15 - 30	Identified as Shallow
MW-16	Letterle	12/29/10	2	60	45 - 60	Identified as Deep
MW-17	Letterle	12/29/10	2	55	40 - 55	Abandoned
MW-18S	Converse	05/16/14	2	30	15 - 30	Identified as Shallow
MW-19S	Converse	05/15/14	2	30	15 - 30	Identified as Shallow
MW-20S	Converse	05/14/14	2	30	15 - 30	Identified as Shallow
MW-21S	Converse	05/14/14	2	30	15 - 30	Identified as Shallow
MW-22S	Converse	05/16/14	2	29	15 - 29	Identified as Shallow
MW-23S	Converse	06/16/16	2	30	13 - 30	Identified as Shallow
MW-24S	Converse	06/17/16	2	25.5	15 - 25.5	Identified as Shallow
MW-25S	Converse	06/20/16	2	25.0	10 - 25	Identified as Shallow
MW-26S	Converse	06/30/16	2	30	17 - 30	Identified as Shallow
MW-27S	Converse	06/16/16	2	30	17 - 30	Identified as Shallow
R-1*	Converse	03/06/18	2	30	15 - 30	Recovery Well
R-2**	Converse	03/06/18	2	31	15 - 31	Recovery Well

Notes:

* - Also identified as RW-1

** - Also identified as RW-2

fbg - Feet Below Grade

NA - Not Available

Table 2
Former Route 119 Dunbar Amoco
Dunbar Township, Fayette County, PA
PADEP Facility ID #26-18711
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Soil Sampling Analytical Results

Boring Location	Approximate Sample Depth (fbg)	Sample Date	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Isopropyl-benzene	Naphthalene
A1	4	05/15/97	26.9	9.14	13.7	4.69	12.4	<2.50	49.8
	8	05/15/97	196	137	110	330	572	49.3	265
A2	4	05/15/97	28.3	2.66	38.5	3.45	21.5	<2.50	20.7
	8	05/15/97	66.3	13.9	110	6.21	43.0	<2.50	54.0
A3	4	05/15/97	47.5	7.26	84.2	4.47	65.5	<2.50	43.4
	6.5	05/15/97	93.3	20.9	243	16.5	101	<2.50	2.65
A4	4	05/15/97	760	202	439	47.9	272	<2.50	5.85
	6.5	05/15/97	79.3	32.2	174	22.1	50.0	4.08	3.08
A5	4	05/15/97	205	450	317	281	594	21.2	51.1
	6.5	05/15/97	258	268	102	279	259	18.2	16.2
A6	4	05/15/97	1,840	732	383	497	614	140	187
	6.5	05/15/97	125	215	227	356	779	62.3	465
A7	4	05/15/97	3,450	38.0	862	433	2,032	78.5	1,140
	6.5	05/15/97	2,980	823	2,210	1,370	4,510	975	1,920
A8	4	05/15/97	3,380	22.6	4,590	4,010	12,840	1,990	6,800
	7	05/15/97	1,590	343	846	413	1,430	137	706
A9	4	05/15/97	3,540	43.7	5,030	3,300	11,510	1,100	6,510
	6	05/15/97	1,430	351	579	424	1,420	111	681
A10	4	05/15/97	51.6	8.24	175	25.2	218	<2.50	34.0
	7	05/15/97	75.8	319	360	489	1,125	107	240
A11	4	05/15/97	138	354	4,110	5,430	14,910	4,050	7,360
	6	05/15/97	116	321	454	431	1,607	148	718
A12	10	05/15/97	21.9	209	601	449	1,148	191	641
SB1 (GB-1)	6	08/28/97	<2.50	<2.50	2.72	<2.50	<5.00	<2.50	2.53
	6-7	05/08/06	<6.7	160	170	8,600	780	280	6,800
SB2 (GB-2)	5	08/28/97	10.6	6.87	18.0	78.8	185.9	7.88	5.98
	4-6	05/08/06	<7.6	49	100	15,000	570	340	13,000
SB4	6	08/28/97	12.93	8.16	9.08	<2.50	<5.00	<2.50	17.0
	8.5	08/28/97	7.50	5.38	<2.50	<2.50	<5.00	<2.50	18.7
PADEP NRUA TDS <2,500 SHS S-GW MSC - Unsaturated			2,000	500	100,000	70,000	1,000,000	2,500,000	25,000
PADEP NRUA TDS <2,500 SHS S-GW MSC - Saturated			2,000	500	100,000	70,000	1,000,000	350,000	10,000

Table 2 - Continued
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Soil Sampling Analytical Results

Boring Location	Approximate Sample Depth (fbg)	Sample Date	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Isopropyl-benzene	Naphthalene
SB-3 (GB-3)	6-8	05/08/06	<5.9	94	280	2,400	5,900	180	950
MW-9 (GB-4)	5-7	05/05/06	26	280	210	360	620	48	82
GB-5	3	05/08/06	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
GB-6	5	05/08/06	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
GB-7	4	05/08/06	<5.8	22	14	<5.8	<5.8	<5.8	<5.8
GB-8	5	05/08/06	8.1	170	87	3,900	17,000	75	280
GB-9	5	05/08/06	14	120	90	79	180	56	74
GB-10	6-7	05/09/06	<5.4	25	48	1,700	12,000	330	3,100
GB-11	4-6	05/09/06	16	110	95	290	510	81	350
GB-12	2-4	05/09/06	100	130	150	300	190	160	390
GB-13	2-4	05/09/06	23	61	70	86	41	17	35
GB-14	0-2	05/09/06	<5.6	2,000	290,000	54,000	390,000	11,000	31,000
GB-15	4-6	05/09/06	<5.3	280	50	3,200	6,200	76	270
GB-16	4-6	05/09/06	<5.4	180	270	6,500	33,000	270	4,800
GB-17	2-4	05/09/06	<5.5	<5.5	<5.5	29	100	26	1,200
GB-18	0-2	05/09/06	<5.7	<5.7	<5.7	<5.7	8.1	<5.7	10
GB-19	4-6	05/09/06	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
MW-10 (SB-10)	2-4	10/10/07	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
MW-11 (SB-11)	2-4	10/09/07	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
VP-4 (SB-13)	6-7	02/17/09	<4.8	<4.8	<4.8	<4.8	<14.5	<4.8	<4.8
PADEP NRUA TDS <2,500 SHS S-GW MSC - Unsaturated			2,000	500	100,000	70,000	1,000,000	2,500,000	25,000
PADEP NRUA TDS <2,500 SHS S-GW MSC - Saturated			2,000	500	100,000	70,000	1,000,000	350,000	10,000

UST Closure Soil Sampling Results

Sample ID	Sample Location	Sample Date	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Isopropyl-benzene	Naphthalene
PL-1	Beneath piping	01/26/05	<525	13,000	1,000,000	48,000	220,000	11,000	18,000
D-1	Beneath dispenser	01/25/05	<45.5	<45.5	<45.5	<45.5	<91	<45.5	<45.5
D-2	Beneath dispenser	01/26/05	<51.5	<51.5	360	1,400	1,400	360	1,700
D-3	Beneath dispenser	01/26/05	<49	<49	<49	<49	700	<50	350
SW-1	Excavation sidewall	01/21/05	<500	<10,000	<10,000	53,000	100,000	<50,000	<50,000
SW-2	Excavation sidewall	01/21/05	<500	<10,000	<10,000	36,000	77,000	<50,000	<50,000
PADEP NRUA TDS <2,500 SHS S-GW MSC - Unsaturated			2,000	500	100,000	70,000	1,000,000	2,500,000	25,000
PADEP NRUA TDS <2,500 SHS S-GW MSC - Saturated			2,000	500	100,000	70,000	1,000,000	350,000	10,000

Notes:

All concentrations in micrograms per kilogram (µg/kg)
 Bolded and highlighted values are above the applicable MSC
 fbg - Feet Below Grade
 MSC - Medium Specific Concentration
 MTBE - Methyl tert-Butyl Ether
 NA - Not Analyzed
 NR - Not Reported
 NRUA - Nonresidential Used Aquifer
 PADEP - Pennsylvania Department of Environmental Protection
 S-GW - Soil-to-Groundwater
 SHS - Statewide Health Standard
 TDS - Total Dissolved Solids