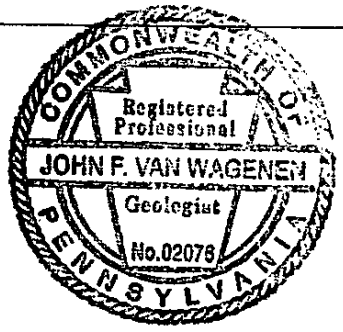
UNDERGROUND STORAGE TANK SYSTEM CLOSURE REPORT

EAST PENN TIRE AND BATTERY
4094 Chestnut Street
Emmaus, Pennsylvania
Facility ID# 39-27735

Submitted To:
Mr. Kevin Wachter
4094 Chestnut Street
Emmaus, Pennsylvania

Pennsylvania Department of
Environmental Protection
Northeast Region
2 Public Square
Wilkes Barre, 18711-1915



Prepared By:
Coventry environmental associates, inc.
PO Box 224
St. Peters, Pennsylvania 19470
(610) 469-6540

John F. Van Wagenen, P.G.
P.G. License No. 002076-G

Project No. WACHTER--0001

September 19, 2018

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

APPENDIX D

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

UNDERGROUND STORAGE TANK SYSTEM CLOSURE REPORT FORM

39 - 27735
Facility I.D.

East Penn Tire and Battery
Facility Name

Upper Milford Township — Municipality
Lehigh — County

9/19/2018
Date Prepared

John Van Wagenen
Name of Person Submitting Report
(Please Print)

Coventry Environmental Associates, Inc.
Company Name
(If Applicable)

President
Title

Closure Method (Check all that apply):

- ☒ Removal
- ☐ Closure-In-Place
- ☐ Change-In-Service

Site Assessment Results (Check all that apply):

- ☐ No Obvious Contamination - Sample Results Meet Standards/Levels
- ☒ No Obvious Contamination - Sample Results Do Not Meet Standards/Levels
- ☐ Obvious, Localized Contamination - Sample Results Meet Standards/Levels
- ☐ Obvious, Localized Contamination - Sample Results Do Not Meet Standards/Levels
- ☐ Obvious, Extensive Contamination

DATE RECEIVED: _____

UNDERGROUND STORAGE TANK SYSTEM CLOSURE REPORT FORM

Owners who are permanently closing underground storage tanks may use this form to demonstrate that an underground storage tank closure was performed in accordance with the "Closure Requirements for Underground Storage Tank Systems" document. PLEASE PRINT OR TYPE. COMPLETE ALL QUESTIONS.

SECTION I. Owner/Facility/Tank/Waste Management and Disposal Information

1. Facility ID Number 39 - 27735
2. Facility Name East Penn Tire and Battery
3. Facility County Lehigh
4. Facility Municipality Upper Milford Township
5. Facility Address 4094 Chestnut St. Emmaus, PA 18049
6. Facility Contact Person Kevin Wachter
7. Facility Telephone Number (610) 865 - 2027
8. Owner Name Kevin Wachter
9. Owner Mailing Address 4094 Chestnut St. Emmaus, PA 18049
10. Description of Underground Storage Tanks (Complete for each tank closed)

DATE OF TANK CLOSURE (Month/Day/Year)		8- 28 -2018	8- 28 -2018	8- 28 -2018	- -
Tank Registration Number		6	7	8	
Estimated Total Capacity (Gallons)		6,000	6,000	6,000	
Substance(s) Stored Throughout Operating Life of Tank (Check All That Apply)	**a. Petroleum**				
	Unleaded Gasoline	☒	☒	☒	☐
	Leaded Gasoline	☐	☐	☐	☐
	Aviation Gasoline	☐	☐	☐	☐
	Kerosene	☐	☐	☐	☐
	Jet Fuel	☐	☐	☐	☐
	Diesel Fuel	☐	☐	☐	☐
	Fuel Oil No. 1	☐	☐	☐	☐
	Fuel Oil No. 2	☐	☐	☐	☐
	Fuel Oil No. 4	☐	☐	☐	☐
	Fuel Oil No. 5	☐	☐	☐	☐
	Fuel Oil No. 6	☐	☐	☐	☐
	New Motor Oil	☐	☐	☐	☐
	Used Motor Oil	☐	☐	☐	☐
	Other, Please Specify				
NOTE: If Hazardous Substance Block is Checked, Attach Material Safety Data Sheets (MSDS)	**b. Hazardous Substance** Name of Principal CERCLA Substance	☐	☐	☐	☐
	AND				
	Chemical Abstract Service (CAS) No.				
	c. Unknown	☐	☐	☐	☐
Closure Method (Check Only One)	**a. Removal**	☒	☒	☒	☐
	b. Closure-in-Place	☐	☐	☐	☐
	c. Change-In-Service	☐	☐	☐	☐
Partial System Closure (Yes or No)					

DATE OF TANK CLOSURE (Month/Day/Year)		- -	- -	- -	- -
Tank Registration Number					
Estimated Total Capacity (Gallons)					
Substance(s) Stored Throughout Operating Life of Tank (Check All That Apply)	**a. Petroleum**				
	Unleaded Gasoline	☐	☐	☐	☐
	Leaded Gasoline	☐	☐	☐	☐
	Aviation Gasoline	☐	☐	☐	☐
	Kerosene	☐	☐	☐	☐
	Jet Fuel	☐	☐	☐	☐
	Diesel Fuel	☐	☐	☐	☐
	Fuel Oil No. 1	☐	☐	☐	☐
	Fuel Oil No. 2	☐	☐	☐	☐
	Fuel Oil No. 4	☐	☐	☐	☐
	Fuel Oil No. 5	☐	☐	☐	☐
	Fuel Oil No. 6	☐	☐	☐	☐
	New Motor Oil	☐	☐	☐	☐
	Used Motor Oil	☐	☐	☐	☐
	Other, Please Specify				
NOTE: If Hazardous Substance Block is Checked, Attach Material Safety Data Sheets (MSDS)	**b. Hazardous Substance**	☐	☐	☐	☐
	Name of Principal CERCLA Substance	☐	☐	☐	☐
	AND				
	Chemical Abstract Service (CAS) No.				
	c. Unknown	☐	☐	☐	☐
Closure Method (Check Only One)	**a. Removal**	☐	☐	☐	☐
	b. Closure-in-Place	☐	☐	☐	☐
	c. Change-In-Service	☐	☐	☐	☐
Partial System Closure (Yes or No)					

Yes **N/A**

11. Briefly describe the storage tank facility and the nature of the operations which were conducted at the facility (both historical and present) **including use of tanks:**

Former service station with retail gasoline sales, current automobile tire and service facility.

☒ ☐ 12. A site location and sampling map of the site, drawn to scale, is attached. See page 11 of 11.

☒ ☐ 13. Original, color photographs of the closure process are attached (i.e., inside of excavation/piping runs, pit water, tanks showing condition).

☒ ☐ 14. An amended "Storage Tanks Registration/Permitting Application Form" was submitted to the DEP, Bureau of Environmental Cleanup and Brownfields, Division of Storage Tanks, P.O. Box 8762, Harrisburg, PA 17105-8762.

Date: 9/27/2018

☒ ☐ 15. If a reportable release was confirmed, the appropriate regional office of DEP was notified by the owner or operator.

Date: 9 - 13 - 2018 Office: Northeast Region

Yes N/A

☒ ☐ 16. If tanks were cleaned on-site:

a. Briefly describe the disposition of usable product: none

b. Briefly describe the disposal of unusable product, sludges, sediments, and wastewater generated during cleaning. Provide the name and permit number of the processing, treatment, storage or disposal facility. (Attach documentation of proper disposal):
Vacuum truck and disposal by US Environmental to Monarch Environmental facility (documentation attached).

c. If tank contents were determined/deemed to be hazardous waste, provide:
(1) Generator ID Number:
(2) Licensed Hazardous Waste Transporter Name and ID Number:

☐ ☒ 17. If tanks were removed from the site for cleaning:

a. Provide the name and permit number of the processing, treatment, storage or disposal facility performing the tank cleaning:

b. If tank contents were d determined/deemed to be hazardous waste, provide:
(1) Generator ID Number:
(2) Licensed Hazardous Waste Transporter Name and ID Number:

18. Briefly describe the disposition of tanks/piping (Attach documentation of proper disposal):
Steel tanks were delivered to Wilcox Recycling (documentation attached) and fiberglass lines were disposed on-site in the facility dumpster.

☐ ☒ 19. If contaminated soil is excavated:

a. Briefly describe the disposition and amount _____ (tons) of contaminated soil. Provide the name and permit number of the processing, treatment, storage or disposal facility. (Attach documentation of proper disposal):

b. If contaminated soil is determined/deemed to be hazardous waste, provide:
(1) Generator ID Number:
(2) Licensed Hazardous Waste Transporter Name and ID Number:

Yes	N/A		
☐	☒	20.	Briefly describe the disposition of and amount _____ (tons) of uncontaminated soil (attach analyses):

I, _____, hereby certify, under penalty of law as provided in 18 Pa. C.S. §4904
(Print Name)
(relating to unsworn falsification to authorities) that I am the owner of the above referenced storage tank(s) and that the information provided by me in this closure report (Section I) is true, accurate and complete to the best of my knowledge and belief.

_____ _____ / /
Signature of Tank Owner Date

_____
Company Name
(If Applicable)

_____
Title

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

UNDERGROUND STORAGE TANK SYSTEM CLOSURE REPORT FORM

SECTION II. Tank Handling Information

Facility ID Number 39 - 27735

Yes	N/A		
		1.	Briefly describe the excavation and initial on-site staging of uncontaminated/contaminated soil: Tanks uncovered and uncontaminated backfill staged for re-use (no PID or olfactory observation of impact). Re-use soil sample analysis indicates Not Detectable results.
		2.	Briefly describe the method of piping system closure and the closure of the piping systems including the quantity and condition of the piping: All fuel lines were removed. Lines were fiberglass and in good condition.
		3.	Briefly describe the condition of the tanks and any problems encountered during tank removal: Tanks and lines were in good condition with no holes observed, except for a highly corroded fill pipe on one tank.
		4.	Briefly describe the method used to purge the tanks of and monitor for explosive vapors: Tanks were inerted by venting with a copus blower and measured for LEL using an explosimeter.
☒	☐	5.	If tanks were cleaned on-site: a. Briefly describe the tank cleaning process: An accessway was cut into the tanks and manually cleaned with water which was removed with a vacuum truck. b. If subcontracted, name and address of company that performed the tank cleaning: Fratello and Amico, Inc. 3709 Darby Rd Bryn Mawr, PA 19010
☐	☒	6.	If tanks were closed-in-place, briefly describe the tank fill material:
☒	☐	7.	If contamination was suspected or observed, the "Notification of Contamination" form was submitted.

SECTION II. (continued)

I, John Van Wagenen, hereby certify, under penalty of law as provided in 18 Pa. C.S. §4904
(Print Name)
(relating to unsworn falsification to authorities) that I am the certified installer who performed the tank handling activities associated with the closure of the above referenced storage tank(s) and that the information provided by me in this closure report (Section I) is true, accurate and complete to the best of my knowledge and belief.

Signature of Certified Installer

9/ / 19 / 2018
Date

4864
Installer Certification Number

1433
Company Certification Number

Coventry Environmental Associates, Inc.
Company Name

PO Box 224
Street

St. Peters, PA 19470
City/Town, State, Zip

610 - 469 - 6540
Phone

UNDERGROUND STORAGE TANK CLOSURE REPORT FORM

SECTION III. Site Assessment Information

Tank Registration # 006 (complete one sheet for EACH tank system and attach ALL laboratory sheets pertaining to that system)

Facility ID Number 39 - 27735

A. Provide depth of *BEDROCK* and *WATER* IF encountered during excavation or soil boring (write "N/A: if NOT encountered).

Bedrock NA feet below land surface Water 10 feet below land surface

B. Provide Length of *PIPING* IF piping was closed-in-place (write "N/A" if NOT closed-in-place).

Length of piping NA feet

C. **TANK SYSTEM REMOVED FROM THE GROUND**

1). Was obvious contamination observed while excavating?

☒ NO ---------→ Conduct confirmatory sampling ---------→ See end of this section for options on submission and maintenance of closure records ---------→ Do not complete item C.2. below.

☐ YES---------→ Report release to DEP within 2 hours ---------→ Describe contamination observed and likely source(s) tank, piping, dispenser, spills, overfills):

---------→ Complete item C.2. below.

2). Was contamination localized (within three feet of the tank system in every direction with no obvious water contamination)?

☐ YES -------→ Remove or remediate contaminated soil -------→ Conduct confirmatory sampling------→ See end of this section for options on submission and maintenance of closure records ------→ Call Indemnification Fund (717-787-0763).

☒ NO---------→ Continue interim remedial actions ---------→ See end of this section for options on submission and maintenance of closure records ---------→ Call Indemnification Fund (717-787-0763).

D. **TANK SYSTEM CLOSED-IN-PLACE OR CHANGED-IN-SERVICE**

Was obvious contamination observed during sampling, boring or assessing water depths?

☒ NO ---------→ Conduct confirmatory sampling ---------→ See end of this section for options on submission and maintenance of closure records.

☐ YES---------→ Report release to DEP within 2 hours ---------→ Describe contamination observed and likely source(s) tank, piping, dispenser, spills, overfills):

Continue with corrective action ---------→ See end of this section for options on submission and maintenance of closure records ---------→ Call Indemnification Fund (717-787-0763).

UNDERGROUND STORAGE TANK CLOSURE REPORT FORM

SECTION III. Site Assessment Information

Tank Registration # 007 (complete one sheet for EACH tank system and attach ALL laboratory sheets pertaining to that system)

Facility ID Number 39 - 27735

A. Provide depth of *BEDROCK* and *WATER* IF encountered during excavation or soil boring (write "N/A: if NOT encountered).

Bedrock NA feet below land surface Water 10 feet below land surface

B. Provide Length of *PIPING* IF piping was closed-in-place (write "N/A" if NOT closed-in-place).
Length of piping NA feet

C. TANK SYSTEM REMOVED FROM THE GROUND

1). Was obvious contamination observed while excavating?

☒ NO ---------→ Conduct confirmatory sampling ---------→ See end of this section for options on submission and maintenance of closure records ---------→ Do not complete item C.2. below.

☐YES---------→ Report release to DEP within 2 hours ---------→ Describe contamination observed and likely source(s) tank, piping, dispenser, spills, overfills):

---------→ Complete item C.2. below.

2). Was contamination localized (within three feet of the tank system in every direction with no obvious water contamination)?

☐ YES --------→ Remove or remediate contaminated soil --------→ Conduct confirmatory sampling-------→ See end of this section for options on submission and maintenance of closure records -------→ Call Indemnification Fund (717-787-0763).

☒ NO---------→ Continue interim remedial actions ---------→ See end of this section for options on submission and maintenance of closure records ---------→ Call Indemnification Fund (717-787-0763).

D. TANK SYSTEM CLOSED-IN-PLACE OR CHANGED-IN-SERVICE

Was obvious contamination observed during sampling, boring or assessing water depths?

☒ NO ---------→ Conduct confirmatory sampling ---------→ See end of this section for options on submission and maintenance of closure records.

☐ YES---------→ Report release to DEP within 2 hours ---------→ Describe contamination observed and likely source(s) tank, piping, dispenser, spills, overfills):

Continue with corrective action ---------→ See end of this section for options on submission and maintenance of closure records ---------→ Call Indemnification Fund (717-787-0763).

UNDERGROUND STORAGE TANK CLOSURE REPORT FORM

SECTION III. Site Assessment Information

Tank Registration # 008 (complete one sheet for EACH tank system and attach ALL laboratory sheets pertaining to that system)

Facility ID Number 39 - 27735

A. Provide depth of *BEDROCK* and *WATER* IF encountered during excavation or soil boring (write "N/A: if NOT encountered).

Bedrock NA feet below land surface Water 10 feet below land surface

B. Provide Length of *PIPING* IF piping was closed-in-place (write "N/A" if NOT closed-in-place).

Length of piping NA feet

C. TANK SYSTEM REMOVED FROM THE GROUND

1). Was obvious contamination observed while excavating?

☒ NO ---------→ Conduct confirmatory sampling ---------→ See end of this section for options on submission and maintenance of closure records ---------→ Do not complete item C.2. below.

☐YES---------→ Report release to DEP within 2 hours ---------→ Describe contamination observed and likely source(s) tank, piping, dispenser, spills, overfills):

---------→ Complete item C.2. below.

2). Was contamination localized (within three feet of the tank system in every direction with no obvious water contamination)?

☐ YES -------→ Remove or remediate contaminated soil -------→ Conduct confirmatory sampling-------→ See end of this section for options on submission and maintenance of closure records -------→ Call Indemnification Fund (717-787-0763).

☒ NO---------→ Continue interim remedial actions ---------→ See end of this section for options on submission and maintenance of closure records ---------→ Call Indemnification Fund (717-787-0763).

D. TANK SYSTEM CLOSED-IN-PLACE OR CHANGED-IN-SERVICE

Was obvious contamination observed during sampling, boring or assessing water depths?

☒ NO ---------→ Conduct confirmatory sampling ---------→ See end of this section for options on submission and maintenance of closure records.

☐ YES---------→ Report release to DEP within 2 hours ---------→ Describe contamination observed and likely source(s) tank, piping, dispenser, spills, overfills):

Continue with corrective action ---------→ See end of this section for options on submission and maintenance of closure records ---------→ Call Indemnification Fund (717-787-0763).

E. If the answer to C.1. is "no", the answer to C.2. if "yes" or the answer to D. is "no", confirmatory samples are required. Use the sample/analysis information sheet on page 10 of 11 to provide the information on confirmatory sampling and complete the diagram on Page 11 of 11.

Options for Submission and Maintenance of Closure Site Assessment Records

Records of the site assessment must be maintained for at least three years after completion of permanent closure or change-in-service in one of the following ways:

(a) By the owners and operators who took the UST system out of service;
(b) By the current owners and operators of the UST system site; or
(c) By mailing these records to the implementing agency if they cannot be maintained at the closed facility.

At least one option must be chosen. If option (c) is chosen, the closure report form should be sent to the DEP regional office responsible for the county in which the tank is located.

Where the results of the site assessment indicate that obvious, localized soil contamination was encountered and the analytical results of the confirmatory sampling show levels below the statewide standard/action levels, this closure report form (Sections I, II, and III) or some other acceptable site characterization report must be received by the Department within 180 days of verbally reporting the release.

Where the results of the site assessment indicate that no obvious contamination or obvious, localized contamination was encountered, but the analytical results of the confirmatory sampling show levels above the statewide standard/action levels, or where there is obvious, extensive contamination, Section 245.310(a)(8) of the CAP regulation requires that details of removal from service be included in the site characterization report. A copy of the completed closure report form should be submitted as part of the site characterization report to satisfy the requirements of Section 245.310(a)(8) of the CAP regulations.

I, John Van Wagenen (Print Name), hereby certify, under penalty of law as provided in 18 Pa. C.S. §4904 (relating to unsworn falsification to authorities) that I am the person who performed the site assessment activities associated with the closure of the above referenced storage tank(s) and that the information provided by me in this closure report (Section III) is true, accurate and complete to the best of my knowledge and belief.

John Van Wagenen PG (Pres).
Signature of Person Performing Site Assessment

9 / 19 / 2018
Date

John Van Wagenen, PG
Title of Person Performing Site Assessment

Coventry Environmental Associates, Inc.
Name of Company Performing Site Assessment

610-469-6540
Telephone Number of Person Performing Site Assessment

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094Chestnut Street
Emmaus, Pennsylvania

Sample ID	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
SS-1	Benzene	8260B/SW846	soil	ND	60.7	8/28/2018	9/6/2018
	Ethylbenzene			ND	60.7		
	Cumene			ND	60.7		
	MTBE			ND	60.7		
	Naphthalene			ND	121		
	Toluene			ND	60.7		
	Xylenes			ND	182		
	1,2,4 Trimethylbenzene			ND	60.7		
	1,3,5 Trimethylbenzene			ND	60.7		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094Chestnut Street
Emmaus, Pennsylvania

Sample I.D.	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
SS-2	Benzene	8260B/SW846	soil	ND	49.7	8/28/2018	9/6/2018
	Ethylbenzene			ND	49.7		
	Cumene			ND	49.7		
	MTBE			ND	49.7		
	Naphthalene			ND	99.4		
	Toluene			ND	49.7		
	Xylenes			ND	149		
	1,2,4 Trimethylbenzene			ND	49.7		
	1,3,5 Trimethylbenzene			ND	49.7		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094Chestnut Street
Emmaus, Pennsylvania

Sample I.D.	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
SS-3	Benzene	8260B/SW846	soil	ND	61.2	8/29/2018	9/6/2018
	Ethylbenzene			ND	61.2		
	Cumene			ND	61.2		
	MTBE			ND	61.2		
	Naphthalene			ND	122		
	Toluene			ND	61.2		
	Xylenes			ND	184		
	1,2,4 Trimethylbenzene			ND	61.2		
	1,3,5 Trimethylbenzene			ND	61.2		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094Chestnut Street
Emmaus, Pennsylvania

Sample I.D.	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
SS-4	Benzene	8260B/SW846	soil	ND	46.6	8/29/2018	9/6/2018
	Ethylbenzene			ND	46.6		
	Cumene			ND	46.6		
	MTBE			ND	46.6		
	Naphthalene			ND	93.1		
	Toluene			ND	46.6		
	Xylenes			ND	140		
	1,2,4 Trimethylbenzene			99	46.6		
	1,3,5 Trimethylbenzene			48.8	46.6		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094Chestnut Street
Emmaus, Pennsylvania

Sample ID	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
SS-5	Benzene	8260B/SW846	soil	ND	55	8/29/2018	9/6/2018
	Ethylbenzene			ND	55		
	Cumene			ND	55		
	MTBE			ND	55		
	Naphthalene			ND	110		
	Toluene			ND	55		
	Xylenes			ND	165		
	1,2,4 Trimethylbenzene			ND	55		
	1,3,5 Trimethylbenzene			ND	55		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094Chestnut Street
Emmaus, Pennsylvania

Sample I.D.	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
SS-6	Benzene	8260B/SW846	soil	ND	75.1	8/29/2018	9/6/2018
	Ethylbenzene			ND	75.1		
	Cumene			ND	75.1		
	MTBE			ND	75.1		
	Naphthalene			ND	150		
	Toluene			ND	75.1		
	Xylenes			ND	225		
	1,2,4 Trimethylbenzene			ND	75.1		
	1,3,5 Trimethylbenzene			ND	75.1		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094Chestnut Street
Emmaus, Pennsylvania

Sample ID	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
SS-7	Benzene	8260B/SW846	soil	ND	59.4	8/29/2018	9/6/2018
	Ethylbenzene			ND	59.4		
	Cumene			ND	59.4		
	MTBE			ND	59.4		
	Naphthalene			ND	119		
	Toluene			ND	59.4		
	Xylenes			ND	178		
	1,2,4 Trimethylbenzene			ND	59.4		
	1,3,5 Trimethylbenzene			ND	59.4		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094Chestnut Street
Emmaus, Pennsylvania

Sample I.D.	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
SS-8	Benzene	8260B/SW846	soil	ND	66.2	8/28/2018	9/6/2018
	Ethylbenzene			ND	66.2		
	Cumene			ND	66.2		
	MTBE			ND	66.2		
	Naphthalene			ND	132		
	Toluene			ND	66.2		
	Xylenes			ND	199		
	1,2,4 Trimethylbenzene			ND	66.2		
	1,3,5 Trimethylbenzene			ND	66.2		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094Chestnut Street
Emmaus, Pennsylvania

Sample I.D.	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
Re-use	**Benzene**	8260B/SW846	soil	ND	58.6	8/29/2018	9/6/2018
	Ethylbenzene			ND	58.6		
	Cumene			ND	58.6		
	MTBE			ND	58.6		
	Naphthalene			ND	117		
	Toluene			ND	58.6		
	Xylenes			ND	178		
	1,2,4 Trimethylbenzene			ND	58.6		
	1,3,5 Trimethylbenzene			ND	58.6		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094 Chestnut Street
Emmaus, Pennsylvania

Sample I.D.	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
GW-1	Benzene	SW846/8260B	water	ND	5	8/28/2018	9/7/2018
	Ethylbenzene			ND	5		
	Cumene			5	5		
	MTBE			ND	5		
	Naphthalene			157	10		
	Toluene			ND	5		
	Xylenes			885	15		
	1,2,4 Trimethylbenzene			2090	50		
	1,3,5 Trimethylbenzene			538	5		

Underground Storage Tank System
Closure Report Form

East Penn Tire and Battery
4094 Chestnut Street
Emmaus, Pennsylvania

Sample I.D.	Parameter	Analytical Method	Media	Results (ppb)	Detection Units (ppb)	Date Sample Taken	Date Sample Analyzed
GW-2	Benzene	SW846/8260B	water	ND	1	8/28/2018	9/7/2018
	Ethylbenzene			ND	1		
	Cumene			ND	1		
	MTBE			ND	1		
	Naphthalene			ND	2		
	Toluene			ND	1		
	Xylenes			ND	3		
	1,2,4 Trimethylbenzene			ND	1		
	1,3,5 Trimethylbenzene			ND	1		

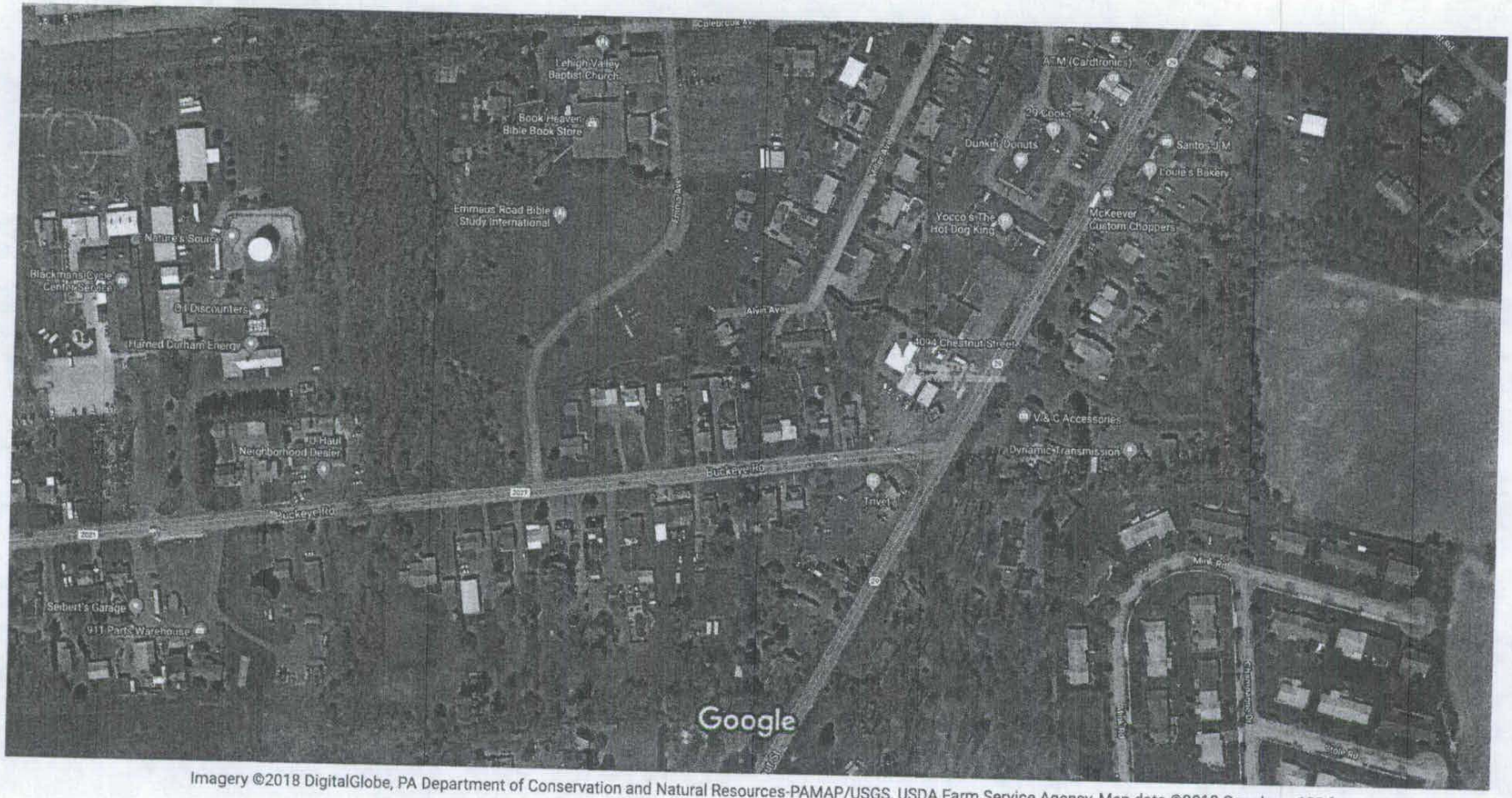
Site Location and Sampling Map - Use this page or suitable facsimile to provide a large scale map of the site where tanks were closed. Scales between 1" = 10 and 1" = 100 feet frequently work out well. Include the following information as each applies to the site: facility name and I.D., county, township or borough, property boundaries or area of interest, buildings, roads and streets with names or route numbers, utilities, location and ID number of storage tanks removed including piping and dispensers, soil stockpile locations, excavations or other locations of product recovery, north arrow, approximate map scale and legend. Also show depth and location of samples with sample ID numbers cross-referenced to the same ID numbers shown on Page 10 of 11.

Facility Name and ID: East Penn Tire and Battery 39 - 27735

County: Lehigh

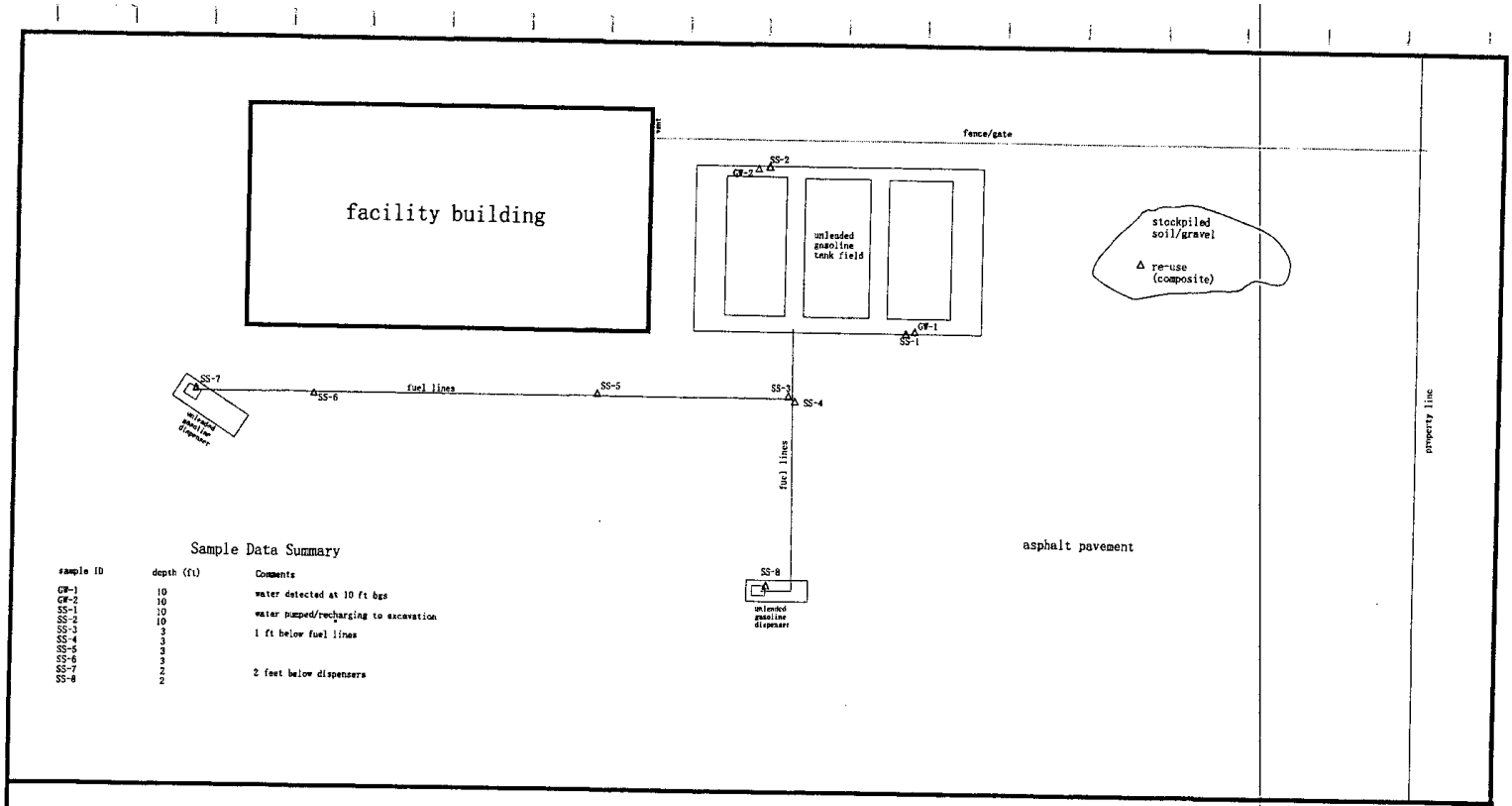
Township/Borough: Upper Milford Township (see attached Site Plan)

Google Maps 4094 Chestnut St



Imagery ©2018 DigitalGlobe, PA Department of Conservation and Natural Resources-PAMAP/USGS, USDA Farm Service Agency, Map data ©2018 Google 100 ft

12/20/2018 12:56:09 PM



Sample Data Summary

sample ID	depth (ft)	Comments
GW-1	10	water detected at 10 ft bgs
GW-2	10	
SS-1	10	water pumped/recharging to excavation
SS-2	10	
SS-3	3	1 ft below fuel lines
SS-4	3	
SS-5	3	
SS-6	3	
SS-7	2	2 feet below dispensers
SS-8	2	

Chestnut Street

COVENTRY ENVIRONMENTAL ASSOCIATES, INC. PO Box 224 St. Peters, Pennsylvania	job no. WACHTER-001	scale: 1" = 15' (approx)	drawing no. 2.0
East Penn Tire and Battery 4094 Chestnut Street Emmaus, Pennsylvania (facility ID 39-27735)	TITLE: site plan		

12/20/2018 12:18:22 PM

WASTE DISPOSAL DOCUMENTATION

Wilcox Recycling

241 OLD MILL ROAD
SELLERSVILLE, PA 18960
(215) 257-1220

By signing below you are claiming to be the rightful owner of this property.

35,620
+ 25,400
61,020
− 49,400
41,620
× 4.00

+ 16,600
32,800
49,400

GROSS

TARE

NET

2 tanks

NAME X

MATERIAL GA Peak

DATE 8-28-2018

1664.80

Wilcox Recycling

241 OLD MILL ROAD
SELLERSVILLE, PA 18960
(215) 257-1220

By signing below you are claiming to be the rightful owner of this property.

26,400
+ 11,200
37,400
32,320
× 5280
4

670
35,560

GROSS

$211.80

TARE

NET

1 tank

NAME X

MATERIAL GA Peak

DATE 8-28-2018

$211.80

12/20/2018 12:59:32 PM

US Environmental

409 BOOT ROAD, DOWNINGTOWN, PA 19335

BILL OF LADING NO. A 280654

EPA ID. NUMBER PAR000524041

PHONE: 610-518-5800 FAX: 610-518-0500

SERVICE INFORMATION		BILLING INFORMATION
DATE 8/28/18	JOB# 8-718-072	CUSTOMER NAME COVENTRY ENV. ASSOC.
GENERATORS EPA ID # NOT REQUIRED	TELEPHONE # (610) 469-6340	ADDRESS PO BOX 224 ST. PETERS, PA 19470
GENERATOR NAME EAST PENN TIRE		DISPOSAL SITE MONARCH ENVIRONMENTAL
ADDRESS 4004 CHESTNUT STREET		ADDRESS
EMMAUS, PA 18049		

- [x] VACUUM TRAILER
- [ ] VAN TRAILER
- [ ] ROLL OFF
- [ ] PUMP TRUCK
- [ ] HI-VAC
- [ ] OTHER

- [x] INDUSTRIAL
- [ ] COMMERCIAL
- [ ] LEACHATE
- [ ] FOOD PROCESSING
- [x] OTHER

VOLUME REMOVED
GALLONS 800
TONS / YARDS
pH

U.S.D.O.T. DESCRIPTION
- [ ] NON-HAZARDOUS
- [ ] HAZARDOUS WASTE
- [ ] HAZARDOUS MATERIAL

WEIGHT
GROSS WEIGHT
TARE WEIGHT
NET WEIGHT

MANIFEST NO.
PROPER SHIPPING NAME
HAZARD CLASS OR DIVISION

	DATE: 8/28	DATE:	DATE:	DATE:	DATE:
START LOCATION	D'town				
TIME OF DEPARTURE	0515				
ARRIVE GENERATOR	0745				
DEPART GENERATOR	1415				
ARRIVE DISPOSAL FACILITY					
DEPART DISPOSAL FACILITY					
END TRIP					
END LOCATION					

REASON FOR DELAY / NOTES /INSTRUCTIONS

Customer warrants that any access/location provided for our equipment is sufficient to bear the weight of all equipment and vehicles required to perform the service. Due to the uncertain soil conditions and sub-surface terrain, US Environmental (USENV) shall not be responsible for damage to any private pavement or accompanying sub-surface or any route reasonably necessary to perform the services herein contracted. In addition, USENV shall not be responsible for damage to driveways, curbs, power lines, lawns and walks, fences or shrubbery, wells and septic systems. It is the customer's responsibility to the customer's responsibility to make USENV aware of any above or underground utilities, which might be affected by our services. Customer shall be liable to USENV for any damage to container(s) which occurs while in your possession, subject to fair wear and tear. It is also the Customers responsibility to visually inspect any USENV vessel for cleanliness prior to loading. After loading Customer accepts responsibility for the load.

CUSTOMER / GENERATOR SIGNATURE	DRIVER NAME M. A Soldo	
DISPOSAL SITE SIGNATURE	TRACTOR NO. 1655	TRAILER NO. VT679

12/20/2018 1:00:14 PM

LABORATORY ANALYTICAL DATA SHEETS

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

SAMPLE SUMMARY

Workorder: 2335631 UHS - United Tire

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2335631001	SS-1	Solid	8/28/2018 15:00	8/30/2018 19:43	Mr. John VanWagenen
2335631002	SS-2	Solid	8/28/2018 16:00	8/30/2018 19:43	Mr. John VanWagenen
2335631003	SS-3	Solid	8/29/2018 12:00	8/30/2018 19:43	Mr. John VanWagenen
2335631004	SS-4	Solid	8/29/2018 12:00	8/30/2018 19:43	Mr. John VanWagenen
2335631005	SS-5	Solid	8/29/2018 12:30	8/30/2018 19:43	Mr. John VanWagenen
2335631006	SS-6	Solid	8/29/2018 12:35	8/30/2018 19:43	Mr. John VanWagenen
2335631007	SS-7	Solid	8/29/2018 14:00	8/30/2018 19:43	Mr. John VanWagenen
2335631008	SS-8	Solid	8/29/2018 15:00	8/30/2018 19:43	Mr. John VanWagenen
2335631009	RP-USE	Solid	8/29/2018 10:00	8/30/2018 19:43	Mr. John VanWagenen
2335631010	GW-1	Ground Water	8/28/2018 15:00	8/30/2018 19:43	Mr. John VanWagenen
2335631011	GW-2	Ground Water	8/28/2018 16:00	8/30/2018 19:43	Mr. John VanWagenen

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

SAMPLE SUMMARY

Workorder: 2335631 UHS - United Tire

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 preformed 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 incurbator 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

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631001** Date Collected: 8/28/2018 15:00 Matrix: Solid

Sample ID: **SS-1** Date Received: 8/30/2018 19:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/kg	60.7	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
Ethylbenzene	ND		ug/kg	60.7	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
Isopropylbenzene	ND	1	ug/kg	60.7	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
Methyl t-Butyl Ether	ND		ug/kg	60.7	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
Naphthalene	ND	5	ug/kg	121	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
Toluene	ND		ug/kg	60.7	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
Total Xylenes	ND		ug/kg	182	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
1,2,4-Trimethylbenzene	ND	3,4	ug/kg	60.7	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
1,3,5-Trimethylbenzene	ND	2	ug/kg	60.7	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	89.7		%	71 - 146	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
4-Bromofluorobenzene (S)	116		%	46 - 138	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
Dibromofluoromethane (S)	76.2		%	42 - 143	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
Toluene-d8 (S)	121		%	54 - 141	SW846 8260B	8/28/18 15:00	PDK	9/6/18 03:02	PDK	A
WET CHEMISTRY										
Moisture	18.1		%	0.1	S2540G-11			8/31/18 10:01	AXD	
Total Solids	81.9		%	0.1	S2540G-11			8/31/18 10:01	AXD	

Kelli Snow

Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631002** Date Collected: 8/28/2018 16:00 Matrix: Solid

Sample ID: **SS-2** Date Received: 8/30/2018 19:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/kg	49.7	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
Ethylbenzene	ND		ug/kg	49.7	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
Isopropylbenzene	ND		ug/kg	49.7	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
Methyl t-Butyl Ether	ND		ug/kg	49.7	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
Naphthalene	ND		ug/kg	99.4	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
Toluene	ND		ug/kg	49.7	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
Total Xylenes	ND		ug/kg	149	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
1,2,4-Trimethylbenzene	ND		ug/kg	49.7	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
1,3,5-Trimethylbenzene	ND		ug/kg	49.7	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	102		%	71 - 146	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
4-Bromofluorobenzene (S)	147	1	%	46 - 138	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
Dibromofluoromethane (S)	84.9		%	42 - 143	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
Toluene-d8 (S)	134		%	54 - 141	SW846 8260B	8/28/18 16:00	PDK	9/6/18 03:24	PDK	A
WET CHEMISTRY										
Moisture	23.3		%	0.1	S2540G-11			8/31/18 10:01	AXD	
Total Solids	76.7		%	0.1	S2540G-11			8/31/18 10:01	AXD	

Kelli Snow

Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631003** Date Collected: 8/29/2018 12:00 Matrix: Solid

Sample ID: **SS-3** Date Received: 8/30/2018 19:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/kg	61.2	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
Ethylbenzene	ND		ug/kg	61.2	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
Isopropylbenzene	ND		ug/kg	61.2	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
Methyl t-Butyl Ether	ND		ug/kg	61.2	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
Naphthalene	ND		ug/kg	122	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
Toluene	ND		ug/kg	61.2	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
Total Xylenes	ND		ug/kg	184	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
1,2,4-Trimethylbenzene	ND		ug/kg	61.2	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
1,3,5-Trimethylbenzene	ND		ug/kg	61.2	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	88.4		%	71 - 146	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
4-Bromofluorobenzene (S)	118		%	46 - 138	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
Dibromofluoromethane (S)	74.2		%	42 - 143	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
Toluene-d8 (S)	123		%	54 - 141	SW846 8260B	8/29/18 12:00	PDK	9/6/18 03:47	PDK	A
WET CHEMISTRY										
Moisture	19.8		%	0.1	S2540G-11			8/31/18 10:01	AXD	
Total Solids	80.2		%	0.1	S2540G-11			8/31/18 10:01	AXD	

Kelli Snow

Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631004** Date Collected: 8/29/2018 12:00 Matrix: Solid

Sample ID: **SS-4** Date Received: 8/30/2018 19:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/kg	46.6	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
Ethylbenzene	ND		ug/kg	46.6	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
Isopropylbenzene	ND		ug/kg	46.6	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
Methyl t-Butyl Ether	ND		ug/kg	46.6	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
Naphthalene	ND		ug/kg	93.1	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
Toluene	ND		ug/kg	46.6	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
Total Xylenes	ND		ug/kg	140	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
1,2,4-Trimethylbenzene	99.0		ug/kg	46.6	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
1,3,5-Trimethylbenzene	48.8		ug/kg	46.6	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	94.3		%	71 - 146	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
4-Bromofluorobenzene (S)	134		%	46 - 138	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
Dibromofluoromethane (S)	75.3		%	42 - 143	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
Toluene-d8 (S)	130		%	54 - 141	SW846 8260B	8/29/18 12:00	PDK	9/6/18 04:10	PDK	A
WET CHEMISTRY										
Moisture	12.8		%	0.1	S2540G-11			8/31/18 10:01	AXD	
Total Solids	87.2		%	0.1	S2540G-11			8/31/18 10:01	AXD	

Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631005** Date Collected: 8/29/2018 12:30 Matrix: Solid

Sample ID: **SS-5** Date Received: 8/30/2018 19:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/kg	55.0	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
Ethylbenzene	ND		ug/kg	55.0	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
Isopropylbenzene	ND		ug/kg	55.0	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
Methyl t-Butyl Ether	ND		ug/kg	55.0	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
Naphthalene	ND		ug/kg	110	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
Toluene	ND		ug/kg	55.0	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
Total Xylenes	ND		ug/kg	165	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
1,2,4-Trimethylbenzene	ND		ug/kg	55.0	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
1,3,5-Trimethylbenzene	ND		ug/kg	55.0	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	88.7		%	71 - 146	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
4-Bromofluorobenzene (S)	116		%	46 - 138	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
Dibromofluoromethane (S)	73.8		%	42 - 143	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
Toluene-d8 (S)	122		%	54 - 141	SW846 8260B	8/29/18 12:30	PDK	9/6/18 04:32	PDK	A
WET CHEMISTRY										
Moisture	22.8		%	0.1	S2540G-11			8/31/18 10:01	AXD	
Total Solids	77.2		%	0.1	S2540G-11			8/31/18 10:01	AXD	

Kelli Snow

Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631006** Date Collected: 8/29/2018 12:35 Matrix: Solid

Sample ID: **SS-6** Date Received: 8/30/2018 19:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/kg	75.1	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
Ethylbenzene	ND		ug/kg	75.1	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
Isopropylbenzene	ND		ug/kg	75.1	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
Methyl t-Butyl Ether	ND		ug/kg	75.1	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
Naphthalene	ND		ug/kg	150	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
Toluene	ND		ug/kg	75.1	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
Total Xylenes	ND		ug/kg	225	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
1,2,4-Trimethylbenzene	ND		ug/kg	75.1	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
1,3,5-Trimethylbenzene	ND		ug/kg	75.1	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	98.4		%	71 - 146	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
4-Bromofluorobenzene (S)	132		%	46 - 138	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
Dibromofluoromethane (S)	80.1		%	42 - 143	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
Toluene-d8 (S)	134		%	54 - 141	SW846 8260B	8/29/18 12:35	PDK	9/6/18 04:55	PDK	A
WET CHEMISTRY										
Moisture	16.7		%	0.1	S2540G-11			8/31/18 10:01	AXD	
Total Solids	83.3		%	0.1	S2540G-11			8/31/18 10:01	AXD	

Kelli Snow

Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631007**
Sample ID: **SS-7**

Date Collected: 8/29/2018 14:00
Date Received: 8/30/2018 19:43

Matrix: Solid

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/kg	59.4	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
Ethylbenzene	ND		ug/kg	59.4	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
Isopropylbenzene	ND		ug/kg	59.4	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
Methyl t-Butyl Ether	ND		ug/kg	59.4	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
Naphthalene	ND		ug/kg	119	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
Toluene	ND		ug/kg	59.4	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
Total Xylenes	ND		ug/kg	178	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
1,2,4-Trimethylbenzene	ND		ug/kg	59.4	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
1,3,5-Trimethylbenzene	ND		ug/kg	59.4	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	94.7		%	71 - 146	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
4-Bromofluorobenzene (S)	126		%	46 - 138	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
Dibromofluoromethane (S)	75		%	42 - 143	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
Toluene-d8 (S)	130		%	54 - 141	SW846 8260B	8/29/18 14:00	PDK	9/6/18 05:17	PDK	A
WET CHEMISTRY										
Moisture	20.0		%	0.1	S2540G-11			8/31/18 10:01	AXD	
Total Solids	80.0		%	0.1	S2540G-11			8/31/18 10:01	AXD	

Kelli Snow
Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631008** Date Collected: 8/29/2018 15:00 Matrix: Solid

Sample ID: **SS-8** Date Received: 8/30/2018 19:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/kg	66.2	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
Ethylbenzene	ND		ug/kg	66.2	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
Isopropylbenzene	ND		ug/kg	66.2	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
Methyl t-Butyl Ether	ND		ug/kg	66.2	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
Naphthalene	ND		ug/kg	132	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
Toluene	ND		ug/kg	66.2	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
Total Xylenes	ND		ug/kg	199	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
1,2,4-Trimethylbenzene	ND		ug/kg	66.2	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
1,3,5-Trimethylbenzene	ND		ug/kg	66.2	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	86.8		%	71 - 146	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
4-Bromofluorobenzene (S)	116		%	46 - 138	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
Dibromofluoromethane (S)	70.2		%	42 - 143	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
Toluene-d8 (S)	122		%	54 - 141	SW846 8260B	8/29/18 15:00	PDK	9/6/18 05:39	PDK	A
WET CHEMISTRY										
Moisture	23.4		%	0.1	S2540G-11			8/31/18 10:01	AXD	
Total Solids	76.6		%	0.1	S2540G-11			8/31/18 10:01	AXD	

Kelli Snow

Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631009** Date Collected: 8/29/2018 10:00 Matrix: Solid

Sample ID: **RP-USE** Date Received: 8/30/2018 19:43

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/kg	58.6	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
Ethylbenzene	ND		ug/kg	58.6	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
Isopropylbenzene	ND		ug/kg	58.6	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
Methyl t-Butyl Ether	ND		ug/kg	58.6	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
Naphthalene	ND		ug/kg	117	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
Toluene	ND		ug/kg	58.6	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
Total Xylenes	ND		ug/kg	176	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
1,2,4-Trimethylbenzene	ND		ug/kg	58.6	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
1,3,5-Trimethylbenzene	ND		ug/kg	58.6	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	95.5		%	71 - 146	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
4-Bromofluorobenzene (S)	133		%	46 - 138	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
Dibromofluoromethane (S)	77.3		%	42 - 143	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
Toluene-d8 (S)	134		%	54 - 141	SW846 8260B	8/29/18 10:00	PDK	9/6/18 06:02	PDK	A
WET CHEMISTRY										
Moisture	11.4		%	0.1	S2540G-11			8/31/18 10:01	AXD	
Total Solids	88.6		%	0.1	S2540G-11			8/31/18 10:01	AXD	

Kelli Snow

Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631010**
Sample ID: **GW-1**

Date Collected: 8/28/2018 15:00
Date Received: 8/30/2018 19:43

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND	1,2	ug/L	5.0	SW846 8260B			9/7/18 04:40	PDK	A
Ethylbenzene	ND		ug/L	5.0	SW846 8260B			9/7/18 04:40	PDK	A
Isopropylbenzene	5.0		ug/L	5.0	SW846 8260B			9/7/18 04:40	PDK	A
Methyl t-Butyl Ether	ND		ug/L	5.0	SW846 8260B			9/7/18 04:40	PDK	A
Naphthalene	157		ug/L	10.0	SW846 8260B			9/7/18 04:40	PDK	A
Toluene	ND		ug/L	5.0	SW846 8260B			9/7/18 04:40	PDK	A
Total Xylenes	885		ug/L	15.0	SW846 8260B			9/7/18 04:40	PDK	A
1,2,4-Trimethylbenzene	2090		ug/L	50.0	SW846 8260B			9/8/18 03:28	PDK	B
1,3,5-Trimethylbenzene	538		ug/L	5.0	SW846 8260B			9/7/18 04:40	PDK	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	105		%	62 - 133	SW846 8260B			9/8/18 03:28	PDK	B
1,2-Dichloroethane-d4 (S)	85.3		%	62 - 133	SW846 8260B			9/7/18 04:40	PDK	A
4-Bromofluorobenzene (S)	92.5		%	79 - 114	SW846 8260B			9/8/18 03:28	PDK	B
4-Bromofluorobenzene (S)	88.9		%	79 - 114	SW846 8260B			9/7/18 04:40	PDK	A
Dibromofluoromethane (S)	79.4		%	78 - 116	SW846 8260B			9/7/18 04:40	PDK	A
Dibromofluoromethane (S)	100		%	78 - 116	SW846 8260B			9/8/18 03:28	PDK	B
Toluene-d8 (S)	94.7		%	76 - 127	SW846 8260B			9/7/18 04:40	PDK	A
Toluene-d8 (S)	85		%	76 - 127	SW846 8260B			9/8/18 03:28	PDK	B

Kelli Snow
Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

Lab ID: **2335631011**
Sample ID: **GW-2**

Date Collected: 8/28/2018 16:00
Date Received: 8/30/2018 19:43

Matrix: Ground Water

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	1.0	SW846 8260B			9/7/18 02:51	PDK	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			9/7/18 02:51	PDK	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			9/7/18 02:51	PDK	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			9/7/18 02:51	PDK	A
Naphthalene	ND		ug/L	1.0	SW846 8260B			9/7/18 02:51	PDK	A
Toluene	ND		ug/L	2.0	SW846 8260B			9/7/18 02:51	PDK	A
Total Xylenes	ND		ug/L	1.0	SW846 8260B			9/7/18 02:51	PDK	A
1,2,4-Trimethylbenzene	ND		ug/L	3.0	SW846 8260B			9/7/18 02:51	PDK	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			9/7/18 02:51	PDK	A
1,2-Dichloroethane-d4 (S)	90.7		%	62 - 133	SW846 8260B			9/7/18 02:51	PDK	A
4-Bromofluorobenzene (S)	95.2		%	79 - 114	SW846 8260B			9/7/18 02:51	PDK	A
Dibromofluoromethane (S)	82.3		%	78 - 116	SW846 8260B			9/7/18 02:51	PDK	A
Toluene-d8 (S)	92.1		%	76 - 127	SW846 8260B			9/7/18 02:51	PDK	A

Surrogate Recoveries

Kelli Snow
Kelli A Snow
Project Coordinator

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2335631 UHS - United Tire

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
2335631001	1	SS-1	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 156 and the control limits were 72 to 137.

2335631001	2	SS-1	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 149 and the control limits were 74 to 137.

2335631001	3	SS-1	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 163 and the control limits were 75 to 134.

2335631001	4	SS-1	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 75 to 134.

2335631001	5	SS-1	SW846 8260B	Naphthalene

The QC sample type MSD for method SW846 8260B was outside the control limits for the analyte Naphthalene. The RPD was reported as 51.4 and the upper control limit is 40.

2335631002	1	SS-2	SW846 8260B	4-Bromofluorobenzene

The surrogate 4-Bromofluorobenzene for method SW846 8260B was outside of control limits. The % Recovery was reported as 147 and the control limits were 46 to 138. This result was reported at a dilution of 50.

2335631010	1	GW-1	SW846 8260B	Benzene

The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.

2335631010	2	GW-1	SW846 8260B	Benzene

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.

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: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 2335631 UHS - United Tire

Lab ID	Sample ID	Analysis Method	Prep Method
2335631001	SS-1	S2540G-11	
2335631001	SS-1	SW846 8260B	SW846 5035
2335631002	SS-2	S2540G-11	
2335631002	SS-2	SW846 8260B	SW846 5035
2335631003	SS-3	S2540G-11	
2335631003	SS-3	SW846 8260B	SW846 5035
2335631004	SS-4	S2540G-11	
2335631004	SS-4	SW846 8260B	SW846 5035
2335631005	SS-5	S2540G-11	
2335631005	SS-5	SW846 8260B	SW846 5035
2335631006	SS-6	S2540G-11	
2335631006	SS-6	SW846 8260B	SW846 5035
2335631007	SS-7	S2540G-11	
2335631007	SS-7	SW846 8260B	SW846 5035
2335631008	SS-8	S2540G-11	
2335631008	SS-8	SW846 8260B	SW846 5035
2335631009	RP-USE	S2540G-11	
2335631009	RP-USE	SW846 8260B	SW846 5035
2335631010	GW-1	SW846 8260B	
2335631011	GW-2	SW846 8260B	

ALS Environmental
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 ___ of ___
Courier:
Tracking #:

2335631

Co. Name: Country Env Assoc.
Contact (Report to): John Van Wagenen Phone: 610-469-6590
Address: PO Box 224
St. Peters, PA 19470

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

Project Name/#: UHS ALS Quote #:

TAT: [C] Normal-Standard TAT is 10-12 business days. Date Required:
[ ] Rush-Subject to ALS approval and surcharges. Approved By:

Email? -Y
Fax? -Y No.:

Container Type: Glass, Glass, Glass
Container Size: 4oz, Vial, Vial
Preservative: None, HCL, NaOH

ANALYSES/METHOD REQUESTED: PADEP (struck), Unleaded gasoline

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	G or C	Matrix		Enter Number of Containers Per Analysis
1 SS-1		8/28/18	15:00	G	SO	1X	1
2 SS-2		8/28/18	16:00			1X	1
3 SS-3		8/29/18	12:00			X	1
4 SS-4			12:00			X	1
5 SS-5			12:30			1X	1
6 ~~SS-6~~			~~12:55~~			X	1
~~SS-7~~			~~14:00~~			X	1
7 ~~SS-8~~			~~15:00~~			X	1
~~RO-US-E~~			~~16:00~~	C		X	1
8 ~~GW-1~~		~~8/28/18~~	~~22:00~~	~~G~~	~~GW~~	X	2
~~GW-2~~		~~8/28/18~~	~~16:00~~	~~G~~	~~GW~~	X	2

SAMPLED BY (Please Print): John Van Wagenen

Project Comments: Rec. COC w/info skribbled out by client - KM 8/30/18

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 [signature]	8-30-18	1415	2 ALS Courier	8-30-18	1415
3 [signature] - ALS	8-30-18	1415	4 [signature] ALS	8-30-18	1716
5 [signature] ALS	8-30-18	1943	6 [signature]	8/30/2018	1943
7			8		
9			10		

Data Deliverables: [ ] Standard [ ] CLP-like [ ] NJ-Reduced [ ] NJ-Full [ ]
EDDs Required? [ ] If yes, format type: Other
SDWA Forms? yes [ ] yes [ ] yes [ ] yes [ ]
State Samples Collected In? MD [ ] NJ [ ] NY [ ] PA [ ]
DOD Criteria Required?

Receipt Information (completed by Sample Receiving)
Performed by: KM
Cooler Temp: 1
Therm. ID: 359
No. of Coolers:
Notes:

Correct containers? Y
Correct sample volume? Y
Correct preservation? Y
Headspace/Volatiles? Y
Circle appropriate Y or N.

Custody seals Present? N
(If present) Seals Intact?
Received on Ice? Y
COC/Labels complete/accurate? Y
Container in good condition? Y

ALS FIELD SERVICES
[ ] Pickup
[ ] Labor
[ ] Composite Sampling
[ ] Rental Equipment
[ ] Other:

* G=Grab; C=Composite
** Matrix: AI=Air; DW=Drinking Water; GW=Groundwater; OI=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, 8oz, etc. Preservative: HCl, HNO3, NaOH, etc.

Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY

9/30/18 2230

Rev 01/2013

ALS
12/20/2018 12:18:42 PM

Gmail 20181214_125529.jpg

of 10,90

Primary

5,513

me

me

Veriz 00 on o

Stan , Steve,

me

Stan why he'

jim tivity Ba

Nuci and plea

12/20/2018 12:18:45 PM