

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

**UNDERGROUND STORAGE TANK SYSTEM  
CLOSURE REPORT FORM**

RECEIVED

DEC 18 2006

25 - 90615  
Facility I.D.

ENVIRONMENTAL PROTECTION  
NORTHWEST REGIONAL OFFICE

Millcreek Township Erie  
Municipality County

11/30/06  
Date Prepared

Doug Doleski  
Name of Person Submitting Report  
(Please Print)

Leo's Car Wash  
Company Name  
(If Applicable)

Owner  
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

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

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 25 - 90615
2. Facility Name Leo's Car Wash
3. Facility County Erie
4. Facility Municipality Millcreek Township
5. Facility Address 2938 West 26<sup>th</sup> Street, Erie, PA 16506
6. Facility Contact Person Doug Doleski
7. Facility Telephone Number ( 814 ) 833 - 7813
8. Owner Name Doug Doleski - LEOS 3 Car Wash - SE
9. Owner Mailing Address 2938 West 26<sup>th</sup> Street, Erie, PA 16506
10. Description of Underground Storage Tanks (Complete for each tank closed)

DATE OF TANK CLOSURE (Month/Day/Year)		10- 10 -2006	10- 10 -2006	10- 10 -2006	- -
Tank Registration Number		1	2	3	
Estimated Total Capacity (Gallons)		8000	8000	8000	
Substance(s) Stored Throughout Operating Life of Tank (Check All That Apply)	<b>a. Petroleum</b>				
	Unleaded Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Leaded Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Aviation Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Jet Fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Diesel Fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fuel Oil No. 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	New Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Used Motor Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other, Please Specify				
NOTE: If Hazardous Substance Block is Checked, Attach Material Safety Data Sheets (MSDS)	<b>b. Hazardous Substance</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Name of Principal CERCLA Substance				
	<b>AND</b> Chemical Abstract Service (CAS) No.				
	<b>c. Unknown</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Closure Method (Check Only One)	<b>a. Removal</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<b>b. Closure-in-Place</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>c. Change-In-Service</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Partial System Closure (Yes or No)		NO	NO	NO	

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

**The site is a car wash and oil change facility and the tanks were used as a retail service station.**

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 "Registration of Storage Tanks" form was submitted to the DEP, Bureau of Watershed Conservation, Division of Storage Tanks, P.O. Box 8762, Harrisburg, PA 17105-8762.

Date: \_\_\_\_\_

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

Date: 01 - 23 - 2002 Office: PADEP's Meadville Office

Yes N/A

16. If tanks were cleaned on-site:

a. Briefly describe the disposition of usable product: The tanks contained no usable product at the time of removal.

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):

Unusable material from tanks were placed in metal 55 gallon drums on site and disposed of properly.

c. If tank contents were determined/deemed to be hazardous waste, provide:

(1) Generator ID Number: N/A

(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 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):

UST's and related piping were cut for scrap.

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 N/A (tons) of uncontaminated soil (attach analyses):

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I, Doug Doleski, 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.

Doug Doleski  
Signature of Tank Owner

12 16 2006  
Date

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

UNDERGROUND STORAGE TANK SYSTEM  
CLOSURE REPORT FORM

SECTION II. Tank Handling Information

Facility ID Number 25 - 90615

Yes N/A

- 1. Briefly describe the excavation and initial on-site staging of uncontaminated/contaminated soil:  
The site has had a site characterization performed and a remedial action plan developed. There is presently a remediation system in place and working at the subject site. Soils from the excavation were placed back into the pit.
- 2. Briefly describe the method of piping system closure and the closure of the piping systems including the quantity and condition of the piping:  
The piping was removed and disposed of as scrap.
- 3. Briefly describe the condition of the tanks and any problems encountered during tank removal:  
The tanks were in relatively good shape at the time of removal.
- 4. Briefly describe the method used to purge the tanks of and monitor for explosive vapors:  
An inductive diffuser was utilized to purge explosive vapors from the storage tanks. During the activities a LEL meter was used to monitor tanks for explosive vapors.

- 5. If tanks were cleaned on-site:
  - a. Briefly describe the tank cleaning process: The tanks were entered and physically cleaned with hand tools and absorbant pads.
  - b. If subcontracted, name and address of company that performed the tank cleaning:

- 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, Don Tirkpak, 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.

Don Tirkpak  
Signature of Certified Installer

12 1 11 06  
Date

366  
Installer Certification Number

58  
Company Certification Number

Jemko  
Company Name

1895 East Lake Rd  
Street

Erie, Pa. 16511  
City/Town, State, Zip

899 7575  
Phone

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

**UNDERGROUND STORAGE TANK  
CLOSURE REPORT FORM**

**SECTION III. Site Assessment Information**

**Tank Registration # 001 (complete one sheet for EACH tank system and attach ALL laboratory sheets pertaining to that system)**

**Facility ID Number 25 - 90615**

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

Bedrock N/A \_\_\_\_\_ feet below land surface                      Water 8 \_\_\_\_\_ 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 N/A \_\_\_\_\_ 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):

Contamination was from previous leaking system in this tank pit prior to removal of tanks during this excavation.

-----> 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).



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**UNDERGROUND STORAGE TANK  
CLOSURE REPORT FORM**

**SECTION III. Site Assessment Information**

**Tank Registration # 002 (complete one sheet for EACH tank system and attach ALL laboratory sheets pertaining to that system)**

**Facility ID Number 25 - 90615**

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

Bedrock N/A feet below land surface                      Water 8 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 N/A 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):

Contamination was from previous leaking system in this tank pit prior to removal of tanks during this excavation.

-----> 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).

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
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**UNDERGROUND STORAGE TANK  
CLOSURE REPORT FORM**

**SECTION III. Site Assessment Information**

**Tank Registration # 003 (complete one sheet for EACH tank system and attach ALL laboratory sheets pertaining to that system)**

**Facility ID Number 25 - 90615**

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

Bedrock N/A feet below land surface                      Water 8 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 N/A 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):

Contamination was from previous leaking system in this tank pit prior to removal of tanks during this excavation.

-----> 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, Patrick E. Pruent, 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.

Patrick E. Pruent  
Signature of Person Performing Site Assessment

12 14 2006  
Date

Professional Geologist  
Title of Person Performing Site Assessment

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

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

**UNDERGROUND STORAGE TANK SYSTEM  
CLOSURE REPORT FORM**

**Sample/Analysis Information  
(Attachment for Section III.)**

Facility ID Number 25 - 90615

Sample I.D. (See diagram)	Parameter	Analytical Method <sup>1</sup>	Media	Result (units)	Detection Limit (units)	Date Sample Taken	Date Sample Analyzed
HW60544	Benzene	5035/8260B	E Soil	<0.1 mg/kg	0.1 mg/kg	10 / 10 / 06	10 / 11 / 06
	Toluene	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Ethyl Benzene	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Xylenes	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Cumene	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Naphthalene	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	MTBE	5035/8260B	E Soil	0.23 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
						/ /	/ /
HW60545	Benzene	5035/8260B	E Soil	<0.1 mg/kg	0.1 mg/kg	10 / 10 / 06	10 / 11 / 06
	Toluene	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Ethyl Benzene	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Xylenes	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Cumene	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Naphthalene	5035/8260B	E Soil	0.25 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	MTBE	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
						/ /	/ /
						/ /	/ /

Facility ID Number 25 - 90615

Sample I.D. (See diagram)	Parameter	Analytical Method <sup>1</sup>		Media	Result (units)	Detection Limit (units)	Date Sample Taken	Date Sample Analyzed
HW60546	Benzene	5035/8260B	E	Soil	3.57 mg/kg	0.1 mg/kg	10 / 10 / 06	10 / 11 / 06
	Toluene	5035/8260B	E	Soil	7.32 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Ethyl Benzene	5035/8260B	E	Soil	0.94 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Xylenes	5035/8260B	E	Soil	3.35 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Cumene	5035/8260B	E	Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Naphtha- lene	5035/8260B	E	Soil	0.43 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	MTBE	5035/8260B	E	Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
							/ /	/ /
HW60547	Benzene	5035/8260B	E	Soil	0.10 mg/kg	0.1 mg/kg	10 / 10 / 06	10 / 11 / 06
	Toluene	5035/8260B	E	Soil	1.13 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Ethyl Benzene	5035/8260B	E	Soil	1.18 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Xylenes	5035/8260B	E	Soil	8.60 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Cumene	5035/8260B	E	Soil	0.35 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	Naphtha- lene	5035/8260B	E	Soil	1.41 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
	MTBE	5035/8260B	E	Soil	<0.2 mg/kg	0.2 mg/kg	10 / 10 / 06	10 / 11 / 06
							/ /	/ /
							/ /	/ /
							/ /	/ /

<sup>1</sup> Where EPA Method 5035 is required, indicate sample collection option in the right hand box of this column using the following codes:

- P - Samples placed in a soil sample vial with a preservative present.
- E - Samples collected and stored in a soil collection device which is airtight and affords little to no headspace.
- N - Samples placed in soil sample vial without a preservative present.

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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WASTE MANAGEMENT

## UNDERGROUND STORAGE TANK SYSTEM CLOSURE REPORT FORM

### Sample/Analysis Information (Attachment for Section III.)

Facility ID Number 25 - 90615

Sample I.D. (See diagram)	Parameter	Analytical Method <sup>1</sup>	Media	Result (units)	Detection Limit (units)	Date Sample Taken	Date Sample Analyzed
HW60587	Benzene	5035/8260B	E Soil	0.22 mg/kg	0.1 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Toluene	5035/8260B	E Soil	4.37 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Ethyl Benzene	5035/8260B	E Soil	2.32 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Xylenes	5035/8260B	E Soil	39.5 mg/kg	0.8 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Cumene	5035/8260B	E Soil	1.16 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Naphthalene	5035/8260B	E Soil	10.8 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	MTBE	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
						/ /	/ /
HW60588	Benzene	5035/8260B	E Soil	<0.1 mg/kg	0.1 mg/kg	10 / 11 / 06	10 / 12 / 2006
	Toluene	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Ethyl Benzene	5035/8260B	E Soil	<0.2 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Xylenes	5035/8260B	E Soil	1.13 mg/kg	<0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Cumene	5035/8260B	E Soil	<0.2 mg/kg	<0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Naphthalene	5035/8260B	E Soil	<0.2 mg/kg	<0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	MTBE	5035/8260B	E Soil	<0.2 mg/kg	<0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
						/ /	/ /
						/ /	/ /

Facility ID Number 25 - 90615

Sample I.D. (See diagram)	Parameter	Analytical Method <sup>1</sup>		Media	Result (units)	Detection Limit (units)	Date Sample Taken	Date Sample Analyzed
HW60589	Benzene	5035/8260B	E	Soil	<0.1 mg/kg	0.1 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Toluene	5035/8260B	E	Soil	<0.2 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Ethyl Benzene	5035/8260B	E	Soil	<0.2 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Xylenes	5035/8260B	E	Soil	0.67 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Cumene	5035/8260B	E	Soil	<0.2 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	Naphth- alene	5035/8260B	E	Soil	<0.2 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
	MTBE	5035/8260B	E	Soil	<0.2 mg/kg	0.2 mg/kg	10 / 11 / 2006	10 / 12 / 2006
							/ /	/ /
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							/ /	/ /

<sup>1</sup> Where EPA Method 5035 is required, indicate sample collection option in the right hand box of this column using the following codes:

P - Samples placed in a soil sample vial with a preservative present.

E - Samples collected and stored in a soil collection device which is airtight and affords little to no headspace.

N - Samples placed in soil sample vial without a preservative present.

**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: 25 - 90615**

**County: Erie**

**Township/Borough: Millcreek Township**



## ANALYTICAL RESULTS

## ANALYTICAL RESULTS



**Environmental  
Laboratory  
Services, Inc.**

(724) 652-5770

1135 Butler Avenue • New Castle, PA 16101

Fax (724) 652-3814

**REPORT DATE: 10/20/06**

**Customer:** American Environmental  
**Generator:** Leo's Car Wash  
**Sample Name:** S-1 Soil Sample  
**Sample Date:** 10/10/06  
**Lab Sample#:** HW60544

**EPA METHOD 5035/8260B  
LABORATORY RESULTS**

<b>Parameter</b>	<b>Result as Received, (mg/kg)</b>	<b>Detection Limit, (mg/kg)</b>
Benzene, mg/kg	<0.1	0.1
Toluene, mg/kg	<0.2	0.2
Ethyl Benzene, mg/kg	<0.2	0.2
Xylenes, (Total, mg/kg)	<0.2	0.2
Cumene, mg/kg	<0.2	0.2
Naphthalene, mg/kg	<0.2	0.2
MTBE, mg/kg	0.23	0.2

Mark Swansiger  
Lab Director



**Environmental  
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Services, Inc.**

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**REPORT DATE: 10/20/06**

**Customer:** American Environmental  
**Generator:** Leo's Car Wash  
**Sample Name:** S-2 Soil Sample  
**Sample Date:** 10/10/06  
**Lab Sample#:** HW60545

**EPA METHOD 5035/8260B  
LABORATORY RESULTS**

<u>Parameter</u>	<u>Result as Received, (mg/kg)</u>	<u>Detection Limit, (mg/kg)</u>
Benzene, mg/kg	<0.1	0.1
Toluene, mg/kg	<0.2	0.2
Ethyl Benzene, mg/kg	<0.2	0.2
Xylenes, (Total, mg/kg	<0.2	0.2
Cumene, mg/kg	<0.2	0.2
Naphthalene, mg/kg	0.25	0.2
MTBE, mg/kg	<0.2	0.2

Mark Swansiger  
Lab Director



**Environmental  
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Services, Inc.**

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**REPORT DATE:** 10/20/06

**Customer:** American Environmental  
**Generator:** Leo's Car Wash  
**Sample Name:** S-3 Soil Sample  
**Sample Date:** 10/10/06  
**Lab Sample#:** HW60546

**EPA METHOD 5035/8260B  
LABORATORY RESULTS**

<u>Parameter</u>	<u>Result as Received, (mg/kg)</u>	<u>Detection Limit, (mg/kg)</u>
Benzene, mg/kg	3.57	0.1
Toluene, mg/kg	7.32	0.2
Ethyl Benzene, mg/kg	0.94	0.2
Xylenes, (Total, mg/kg)	3.35	0.2
Cumene, mg/kg	<0.2	0.2
Naphthalene, mg/kg	0.43	0.2
MTBE, mg/kg	<0.2	0.2

Mark Swansiger  
Lab Director



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Services, Inc.**

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**REPORT DATE: 10/20/06**

**Customer:** American Environmental  
**Generator:** Leo's Car Wash  
**Sample Name:** Soil Stockpile  
**Sample Date:** 10/10/06  
**Lab Sample#:** HW60547

**EPA METHOD 5035/8260B  
LABORATORY RESULTS**

<u>Parameter</u>	<u>Result as Received, (mg/kg)</u>	<u>Detection Limit, (mg/kg)</u>
Benzene, mg/kg	0.10	0.1
Toluene, mg/kg	1.13	0.2
Ethyl Benzene, mg/kg	1.18	0.2
Xylenes, (Total, mg/kg)	8.60	0.2
Cumene, mg/kg	0.35	0.2
Naphthalene, mg/kg	1.41	0.2
MTBE, mg/kg	<0.2	0.2

Mark Swansiger  
Lab Director



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**REPORT DATE: 10/20/06**

**Customer:** American Environmental  
**Generator:** Leo's Car Wash  
**Sample Name:** D-1  
**Sample Date:** 10/11/06  
**Lab Sample#:** HW60587

**EPA METHOD 5035/8260B  
LABORATORY RESULTS**

<u>Parameter</u>	<u>Result as Received, (mg/kg)</u>	<u>Detection Limit, (mg/kg)</u>
Benzene, mg/kg	0.22	0.1
Toluene, mg/kg	4.37	0.2
Ethyl Benzene, mg/kg	2.32	0.2
Xylenes, (Total, mg/kg)	39.5	0.8
Cumene, mg/kg	1.16	0.2
Naphthalene, mg/kg	10.8	0.2
MTBE, mg/kg	<0.2	0.2

Mark Swansiger  
Lab Director



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**REPORT DATE: 10/20/06**

**Customer:** American Environmental  
**Generator:** Leo's Car Wash  
**Sample Name:** L-1  
**Sample Date:** 10/11/06  
**Lab Sample#:** HW60588

**EPA METHOD 5035/8260B  
LABORATORY RESULTS**

<u>Parameter</u>	<u>Result as Received, (mg/kg)</u>	<u>Detection Limit, (mg/kg)</u>
Benzene, mg/kg	<0.1	0.1
Toluene, mg/kg	<0.2	0.2
Ethyl Benzene, mg/kg	<0.2	0.2
Xylenes, (Total, mg/kg)	1.13	0.2
Cumene, mg/kg	<0.2	0.2
Naphthalene, mg/kg	<0.2	0.2
MTBE, mg/kg	<0.2	0.2

Mark Swansiger  
Lab Director





**Environmental  
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Fax (724) 652-3814

**REPORT DATE:** 10/20/06

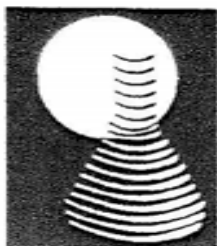
**Customer:** American Environmental  
**Generator:** Leo's Car Wash  
**Sample Name:** L-2  
**Sample Date:** 10/11/06  
**Lab Sample#:** HW60589

**EPA METHOD 5035/8260B  
LABORATORY RESULTS**

<u>Parameter</u>	<u>Result as Received, (mg/kg)</u>	<u>Detection Limit, (mg/kg)</u>
Benzene, mg/kg	<0.1	0.1
Toluene, mg/kg	<0.2	0.2
Ethyl Benzene, mg/kg	<0.2	0.2
Xylenes, (Total, mg/kg)	0.67	0.2
Cumene, mg/kg	<0.2	0.2
Naphthalene, mg/kg	<0.2	0.2
MTBE, mg/kg	<0.2	0.2

Mark Swansiger  
Lab Director





**Environmental  
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Services, Inc.**

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Phone (724) 652-5770 • Fax (724) 652-3814

**ANALYSIS REQUEST/ENVIRONMENTAL SERVICES  
CHAIN OF CUSTODY**

Client: <u>American Environmental</u> Billing Address: _____ Project Name/#: <u>Leo's Car Wash</u> Project Manager: _____ P.O. #: _____			Matrix					Total # Containers	Analysis Requested										Method of Shipment: U.P.S. Federal Express E.L.S. Pick Up Personal Delivery Remarks	
			Grab	Composite	Soil	Water	Other		Unleaded gas parameters											
Sample Identification	Date Collect	Time Collect																		
D-1	10/11/06				X		2	X												
L-1	10/11/06				X		2	X												
L-2	10/11/06				X		2	X												

Turnaround Time Requested: Normal Rush  
(Rush TAT is subject to E.L.S. approval & surcharge)

Rush Results Requested By: \_\_\_\_\_

FAX Fax #: \_\_\_\_\_

PHONE Phone #: \_\_\_\_\_

Relinquished By: <i>Pat Hunt</i>	Date: <i>10/11/06</i>	Time: <i>9:00 am</i>	Received By: <i>MA</i>	Date: <i>10/11/06</i>	Time: <i>9:30</i>
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

## SITE PHOTOGRAPHS



Leo's Car Wash Site



Removing Tanks From Leo's Car Wash



Cleaning Dirt Off of Tank Prior to Removal



UST Pit



UST Excavation



Removing Gas Dispenser



Saw Cutting Prior to Uncovering Piping



Removing Fill Above Piping

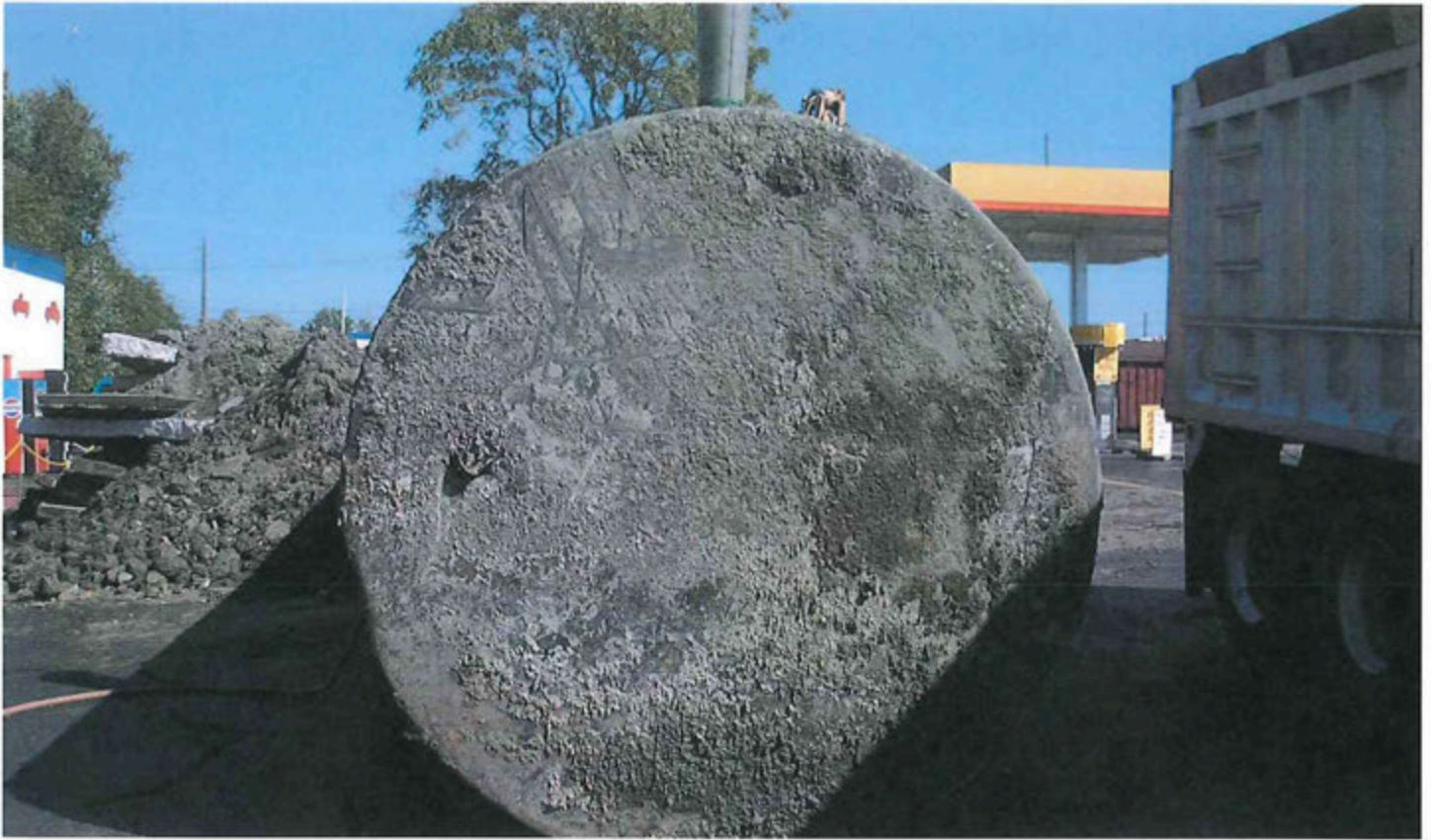




Removing Piping



Removing Delivery Line Piping



Tank Being Purged of Vapors



UST In Relatively Good Condition

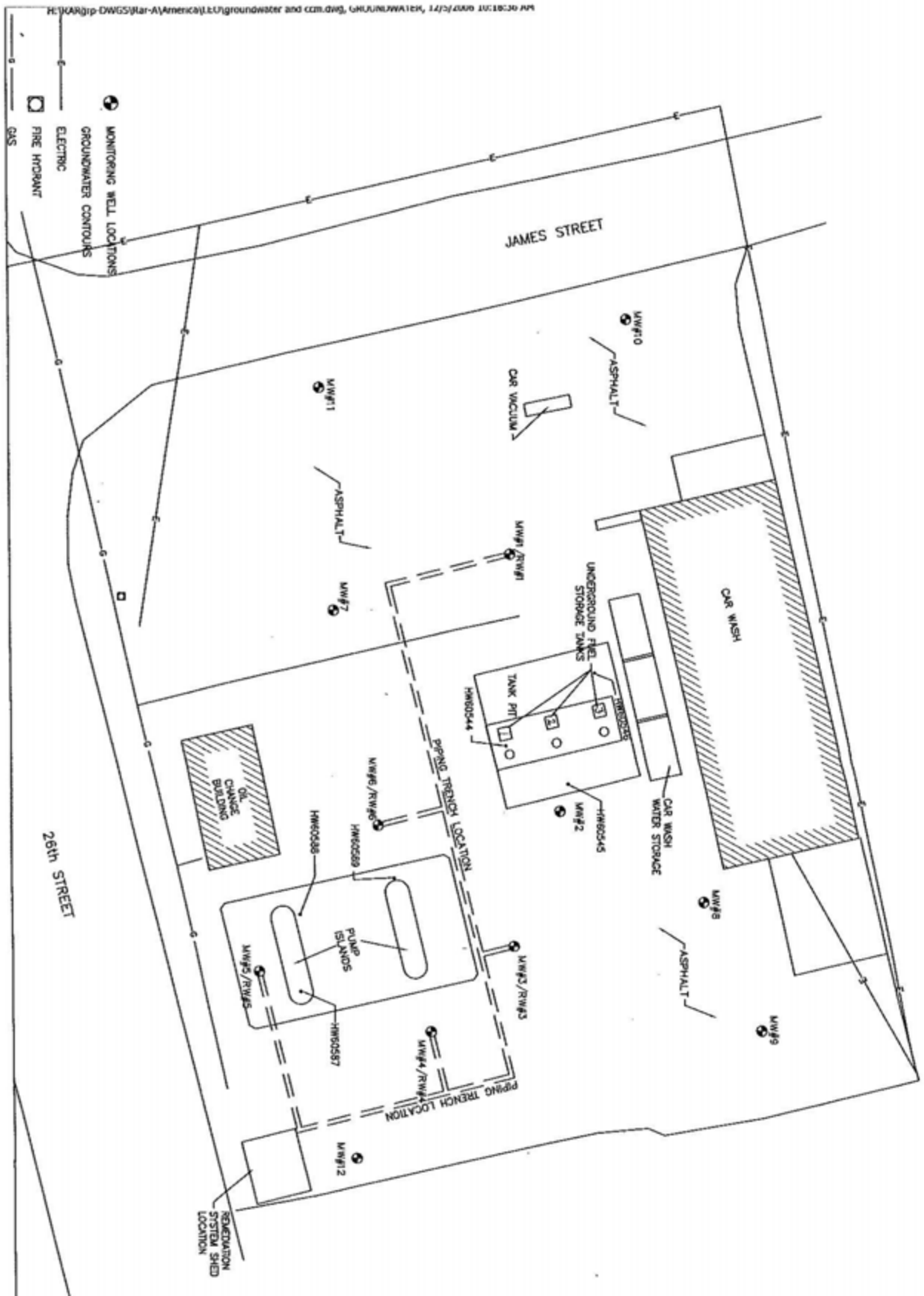


Cleaning of Tanks



Tanks Loaded and Hauled for Scrap

**FIELD INVESTIGATION MAP**



1  
of  
1  
SHEET NUMBER

SCALE

**RAR engineering group, inc.**  
 833 Butler Avenue, New Castle, Pennsylvania 16101  
 telephone 724.422.0088 website 724.422.2004 email rarer@rar-engineering.com

DRAWING TITLE  
**LEO'S #3 CAR WASH**  
**ERIE, PA**  
 FIELD INVESTIGATION MAP

DESIGNED BY	DWR
CHECKED BY	SWP
APPROVED BY	SWP
DATE	08/14/06
SCALE	1"=20'
DRAWING NO.	

REVISIONS		
NO.	DATE	DESCRIPTION