



**Groundwater
& Environmental Services, Inc.**

410 Eagleview Boulevard • Suite 110 • Exton, Pennsylvania 19341 • (610) 458-1077 • FAX (610) 458-2300

10 April 1996

Mr Steven Sinding
PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Storage Tank Section
Lee Park, Suite 6010
555 North Lane
Conshohocken, Pennsylvania, 19428

Re: Underground Storage Tank Closure Report
Atlantic Service Station #0363-5430
610 Old York Road, Warminster PA
Facility ID # 09-30778

Dear Mr. Brown:

Attached please find the Underground Storage Tank Closure Report for the closure of the underground storage tanks and product dispensers at the referenced site.

If you have any questions, please feel free to contact me at GES.

Sincerely,

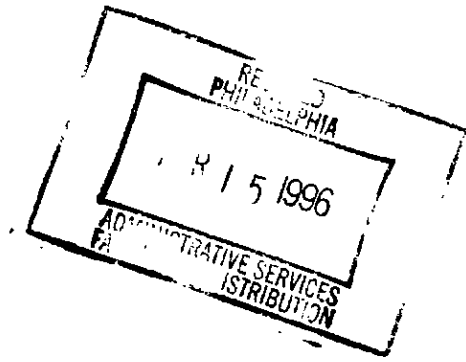
Groundwater & Environmental Services, Inc.

Mark D. Haslett
Sr. Environmental Scientist

JB/mdh
1-0422.cl.padep.041096

attachments

cc: Brad Fish/Sun
J. Ketchum/Sun
Yvonne Monti/Sun
GES file



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

Atlantic Service Station #0363-5430
610 Old York Road
Warminster, Pennsylvania
PADEP Facility ID #09-30778

4 April 1996

Prepared For:

Sun Company, Inc.
4041 Market Street
Aston, Pennsylvania 19014

Prepared By:

Groundwater & Environmental Services, Inc.
410 Eagleview Boulevard
Exton, Pennsylvania 19341

Reviewed By:



Mark D. Haslett
Sr. Environmental Scientist

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS

DATE RECEIVED _____

**UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM**

Owners who are permanently closing underground storage tanks shall 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, November 1993. PLEASE PRINT OR TYPE. COMPLETE ALL QUESTIONS.

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

1. Facility ID Number 09-30778 2. Facility Name Atlantic Station #0363-5430
3. Facility County Bucks 4. Facility Municipality Warminster
5. Facility Address 610 Old York Rd
6. Facility Contact Person Bradford Fish 7. Facility Telephone Number 610/859-5701
8. Owner Name Sun Company, Inc.
9. Owner Mailing Address 4041 Market Street, Aston, Pennsylvania 19014
10. Description of Underground Storage Tanks (Complete for each tank closed)

Tank Registration Number	Pre-Act 1	Pre-Act 2	Pre-Act 3	Pre-Act 4
Date of Tank Installation (Month/Year)	Unknown	Unknown	Unknown	Unknown
Estimated Total Capacity (Gallons)	3,000	3,000	3,000	4,000
Tank Materials of Construction	Steel	Steel	Steel	Steel
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	8006-61-9	8006-61-9	8006-61-9	8008-20-6
c. Unknown	☐	☐	☐	☐
Date of Tank Closure (Month/Day/Year)	27-Feb-96	27-Feb-96	27-Feb-96	27-Feb-96
Tank Closure Method				
(Check Only One)				
a. Removal	☒	☒	☒	☒
b. Closure-in-Place	☐	☐	☐	☐
c. Change-in-Service	☐	☐	☐	☐

Tank Registration Number		NA (Pre-Act)	NA	NA	
Date of Tank Installation (Month/Year)		Unknown	1-Aug-62	1-Aug-62	
Estimated Total Capacity (Gallons)		550	550	550	
Tank Material of Construction		Steel	Steel	Steel	
Substance(s) Stored	a. Petroleum				
Throughout Operating	Unleaded Gasoline	☐	☐	☐	☐
Life of Tank	Leaded Gasoline	☐	☐	☐	☐
(Check All That Apply)	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.	68476-30-2	68476-30-2	_____	_____
	c. Unknown	☐	☐	☐	☐
Date of Tank Closure (Month/Day/Year)		27-Feb-96	29-Nov-95	29-Nov-95	
Tank Closure Method	a. Removal	☒	☒	☒	☐
(Check Only One)	b. Closure-in-Place	☐	☐	☐	☐
	c. Change-in-Service	☐	☐	☐	☐

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):

Retail Gasoline Service Station

12. A plot map of the site, drawn to scale, is attached. The map shows adjacent streets or roads; directions to the nearest major street or highway; buildings on the site; locations of existing and closed tanks, lines and pump islands; and locations where obvious contamination was observed.

13. Original, color photographs of the closure process are attached.

14. All applicable local permits/approvals were obtained. (Attach copies)

15. An amended "Registration of Storage Tanks" form was submitted to the Division of Storage Tanks.

Date: _____

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

Date: 29 February 1996

Office: Southeast Region

YES

N/A

☐ 17. If tanks were cleaned on-site:

a. Briefly describe the disposition of usable product: _____

Usable product was removed from the USTs by Sun Company, Inc. for reuse
at another retail service station.

b. Briefly describe the disposition of unusable product, sludges, sediments, tank bottoms and
wastewater. Provide the name and permit number of the processing, treatment, storage or
disposal facility. (Attach documentation of proper disposal):

Unusable product generated during the
USTs removal was disposed at Larco Petroleum Services, Inc., Old Bridge, NJ
(EPA ID# NJD084044064)

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: _____

Larco Petroleum Services, Inc., Old Bridge, NJ, EPA ID# NJD084044064)

☐ 18. 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: _____

19. Briefly describe the disposition of tanks/piping (Attach documentation of proper disposal):

The removed piping and USTs were disposed as commercial waste.

☐ 20. If contaminated soil is excavated:

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

All excavated soil was disposed at Pottstown Landfill, Pottstown, PA (Permit # 100549)

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: _____

21. Briefly describe the disposition of uncontaminated soil: _____

All excavated soil was disposed at Pottstown Landfill, Pottstown, PA (Permit # 100549)

I, Edward O'Leary (Sun Company, Inc.), hereby certify, under penalty of law as provided in 18 Pa. CS. §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.

Edward O'Leary
Signature of Tank Owner

4/8/96
Date

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS

UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM

SECTION II. Tank Handling Information

Yes N/A

1. Briefly describe the excavation and initial on-site staging of uncontaminated/contaminated soil:
The soil was removed from the tank hole and piled on 6 mil plastic. The soil was removed from site.
2. Briefly describe the closure of the piping system including the quantity and condition of the piping:
The pipes were empty. The steel pipes were in fair condition and were removed.
3. Briefly describe the method used to purge the tanks of and monitor for explosive vapors:
A oxygen and LEL meter was used to monitor tank removal. The tanks were previously abandoned with an inert material.
- ☒ ☐ 4. If tanks were cleaned on-site:
 - a. Briefly describe the tank cleaning process: The tanks were filled with an inert material, the material was removed and taken to a landfill by the environmental contractor.
 - b. If subcontracted, name and address of company that performed the tank cleaning:
The tanks were pumped and cleaned by Lorco Petroleum.
5. Briefly describe the condition of the tanks and any problems encountered during tank removal:
The tanks were steel approx. 25-30 years old and were pitted and starting to rust.
- ☐ ☒ 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.

MARK BETTERIDGE hereby certify, under penalty of law as provided in 18 Pa. CS §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 II) is true, accurate and complete to the best of my knowledge and belief.

Mark Betteridge
Signature of Certified Installer
4675
Installer Certification Number

4/7/96
Date
955
Company Certification Number

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS
UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM**

SECTION III. Site Assessment Information

(Complete this Section for Each Tank)

Tank Registration Number Pre-Act 1

YES NO N/A

☐ ☒ ☐

1. Was bedrock encountered during excavation or conduct of soil borings? If yes, at what depth below grade: _____

☐ ☒ ☐

2. Was ground water encountered during excavation or conduct of soil borings? If yes, at what depth below grade: _____

☒ ☐ ☐

3. If tank system was removed from the ground, was obvious contamination observed during excavation of soil/backfill? If yes, the owner or operator must notify the appropriate regional office of DEP within 2 hours.

☒ ☐ ☐

4. If the answer to #3 is yes, was contamination localized, i.e. limited to soil/backfill material of original tank excavation? If no, owner or operator must continue corrective action in accordance with the corrective action process regulations and submit the closure report form within 15 days after the completion of tank system removal.

☒ ☐ ☐

5. If the answer to #3 is no or if the answer to #4 is yes, confirmatory samples were collected in accordance with the confirmatory sampling protocol and analyzed utilizing the appropriate analytical methodologies specified in the closure document. Submit closure report form within 15 days of receiving analytical results.

☐ ☐ ☒

6. If tank system was closed-in-place or completed a change-in-service, was obvious contamination observed during the determination of depth to ground water, conduct of soil borings, or collection of soil/ground water samples? If yes, owner or operator must initiate corrective action in accordance with the corrective action process regulations, notify the appropriate regional office of DEP within 2 hours, and submit the closure report form within 15 days of receiving analytical results.

☐ ☐ ☐

7. If the answer to #6 is no, confirmatory samples were collected in accordance with the confirmatory sampling protocol and analyzed utilizing the appropriate analytical methodologies specified in the closure document. Submit closure report form within 15 days of receiving analytical results.

☒ ☐ ☐

8. If the answer to #5 or #7 is yes, sample/analysis information is summarized on attached table, sampling diagram is attached showing sample collection locations and depths below grade, laboratory analysis reports are attached and chain-of-custody forms are attached.

I, Ronald Della Penna (GES, Inc.) 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.

Ronald Della Penna (GES)
Signature of Person Performing Site Assessment

Geologist

Title of Person Performing Site Assessment

4/2/96
Date
GES, Inc.

Name of Company Performing Site Assessment

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS
**UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM**

SECTION III. Site Assessment Information

(Complete this Section for Each Tank)

Tank Registration Number Pre-Act 2

YES NO N/A

- | | |
|--|---|
| ☐ YES ☒ NO ☐ N/A | 1. Was bedrock encountered during excavation or conduct of soil borings? If yes, at what depth below grade: _____ |
| ☐ YES ☒ NO ☐ N/A | 2. Was ground water encountered during excavation or conduct of soil borings? If yes, at what depth below grade: _____ |
| ☒ YES ☐ NO ☐ N/A | 3. If tank system was removed from the ground, was obvious contamination observed during excavation of soil/backfill? If yes, the owner or operator must notify the appropriate regional office of DEP within 2 hours. |
| ☒ YES ☐ NO ☐ N/A | 4. If the answer to #3 is yes, was contamination localized, i.e. limited to soil/backfill material of original tank excavation? If no, owner or operator must continue corrective action in accordance with the corrective action process regulations and submit the closure report form within 15 days after the completion of tank system removal. |
| ☒ YES ☐ NO ☐ N/A | 5. If the answer to #3 is no or if the answer to #4 is yes, confirmatory samples were collected in accordance with the confirmatory sampling protocol and analyzed utilizing the appropriate analytical methodologies specified in the closure document. Submit closure report form within 15 days of receiving analytical results. |
| ☐ YES ☐ NO ☒ N/A | 6. If tank system was closed-in-place or completed a change-in-service, was obvious contamination observed during the determination of depth to ground water, conduct of soil borings, or collection of soil/ground water samples? If yes, owner or operator must initiate corrective action in accordance with the corrective action process regulations, notify the appropriate regional office of DEP within 2 hours, and submit the closure report form within 15 days of receiving analytical results. |
| ☐ YES ☐ NO ☐ N/A | 7. If the answer to #6 is no, confirmatory samples were collected in accordance with the confirmatory sampling protocol and analyzed utilizing the appropriate analytical methodologies specified in the closure document. Submit closure report form within 15 days of receiving analytical results. |
| ☒ YES ☐ NO ☐ N/A | 8. If the answer to #5 or #7 is yes, sample/analysis information is summarized on attached table, sampling diagram is attached showing sample collection locations and depths below grade, laboratory analysis reports are attached and chain-of-custody forms are attached. |

I, Ronald Della Penna (GES, Inc.) 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.

Ronald Della Penna (GES)

Signature of Person Performing Site Assessment

Geologist

Title of Person Performing Site Assessment

4/2/96

Date

GES, Inc.

Name of Company Performing Site Assessment

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS
UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM**

SECTION III. Site Assessment Information

(Complete this Section for Each Tank)

Tank Registration Number Pre-Act 3

YES NO N/A

- ☐ ☒ ☐ 1. Was bedrock encountered during excavation or conduct of soil borings? If yes, at what depth below grade: _____
- ☐ ☒ ☐ 2. Was ground water encountered during excavation or conduct of soil borings? If yes, at what depth below grade: _____
- ☒ ☐ ☐ 3. If tank system was removed from the ground, was obvious contamination observed during excavation of soil/backfill? If yes, the owner or operator must notify the appropriate regional office of DEP within 2 hours.
- ☒ ☐ ☐ 4. If the answer to #3 is yes, was contamination localized, i.e. limited to soil/backfill material of original tank excavation? If no, owner or operator must continue corrective action in accordance with the corrective action process regulations and submit the closure report form within 15 days after the completion of tank system removal.
- ☒ ☐ ☐ 5. If the answer to #3 is no or if the answer to #4 is yes, confirmatory samples were collected in accordance with the confirmatory sampling protocol and analyzed utilizing the appropriate analytical methodologies specified in the closure document. Submit closure report form within 15 days of receiving analytical results.
- ☐ ☐ ☒ 6. If tank system was closed-in-place or completed a change-in-service, was obvious contamination observed during the determination of depth to ground water, conduct of soil borings, or collection of soil/ground water samples? If yes, owner or operator must initiate corrective action in accordance with the corrective action process regulations, notify the appropriate regional office of DEP within 2 hours, and submit the closure report form within 15 days of receiving analytical results.
- ☐ ☐ ☐ 7. If the answer to #6 is no, confirmatory samples were collected in accordance with the confirmatory sampling protocol and analyzed utilizing the appropriate analytical methodologies specified in the closure document. Submit closure report form within 15 days of receiving analytical results.
- ☒ ☐ ☐ 8. If the answer to #5 or #7 is yes, sample/analysis information is summarized on attached table, sampling diagram is attached showing sample collection locations and depths below grade, laboratory analysis reports are attached and chain-of-custody forms are attached.

I, Ronald Della Penna (GES, Inc.) 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 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.

Ronald Della Penna (GES)

Signature of Person Performing Site Assessment

Geologist

Title of Person Performing Site Assessment

4/2/96

Date

GES, Inc.

Name of Company Performing Site Assessment

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS
UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM

SECTION III. Site Assessment Information

(Complete this Section for Each Tank)

Tank Registration Number Pre-Act 4

YES NO N/A

☐☒☐

1. Was bedrock encountered during excavation or conduct of soil borings? If yes, at what depth below grade: _____

☐☒☐

2. Was ground water encountered during excavation or conduct of soil borings? If yes, at what depth below grade: _____

☒☐☐

3. If tank system was removed from the ground, was obvious contamination observed during excavation of soil/backfill? If yes, the owner or operator must notify the appropriate regional office of DEP within 2 hours.

☒☐☐

4. If the answer to #3 is yes, was contamination localized, i.e. limited to soil/backfill material of original tank excavation? If no, owner or operator must continue corrective action in accordance with the corrective action process regulations and submit the closure report form within 15 days after the completion of tank system removal.

☒☐☐

5. If the answer to #3 is no or if the answer to #4 is yes, confirmatory samples were collected in accordance with the confirmatory sampling protocol and analyzed utilizing the appropriate analytical methodologies specified in the closure document. Submit closure report form within 15 days of receiving analytical results.

☐☐☒

6. If tank system was closed-in-place or completed a change-in-service, was obvious contamination observed during the determination of depth to ground water, conduct of soil borings, or collection of soil/ground water samples? If yes, owner or operator must initiate corrective action in accordance with the corrective action process regulations, notify the appropriate regional office of DEP within 2 hours, and submit the closure report form within 15 days of receiving analytical results.

☐☐☐

7. If the answer to #6 is no, confirmatory samples were collected in accordance with the confirmatory sampling protocol and analyzed utilizing the appropriate analytical methodologies specified in the closure document. Submit closure report form within 15 days of receiving analytical results.

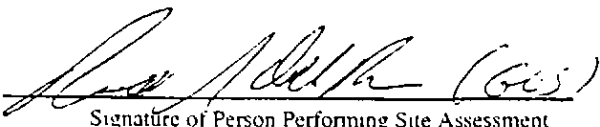
☒☐☐

8. If the answer to #5 or #7 is yes, sample/analysis information is summarized on attached table, sampling diagram is attached showing sample collection locations and depths below grade, laboratory analysis reports are attached and chain-of-custody forms are attached.

Ronald Della Penna (GES, Inc.)

(Print Name)

hereby certify, under penalty of law as provided in 18 Pa.C.S. §4904



Signature of Person Performing Site Assessment

Geologist

Title of Person Performing Site Assessment

4/6/96

Date

GES, Inc.

Name of Company Performing Site Assessment

TABLES

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS

**UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM**

**Sample/Analysis Information
(Attachment for Section 111.8)**

Sample I.D. (See diagram)	Parameter	Analytical Method	Media	Result (units)	Detection Limit (units)	Date Sample Taken	Date Sample Analyzed
SS-1 @ 12'	Benzene	API	soil	1.000 µg/kg	500 µg/kg	27-Feb-96	1-Mar-96
	Toluene	API	soil	23.000 µg/kg	500 µg/kg	27-Feb-96	1-Mar-96
	Ethylbenzene	API	soil	34.000 µg/kg	500 µg/kg	27-Feb-96	1-Mar-96
	Xylenes	API	soil	180.000 µg/kg	1,500 µg/kg	27-Feb-96	1-Mar-96
	TPH-GRO	API	soil	1.100 mg/kg	100 µg/kg	27-Feb-96	1-Mar-96
SS-2 @ 12'	Benzene	API	soil	1.900 µg/kg	5 µg/kg	27-Feb-96	1-Mar-96
	Toluene	API	soil	33.000 µg/kg	5 µg/kg	27-Feb-96	1-Mar-96
	Ethylbenzene	API	soil	26.000 µg/kg	5 µg/kg	27-Feb-96	1-Mar-96
	Xylenes	API	soil	160.000 µg/kg	15 µg/kg	27-Feb-96	1-Mar-96
	TPH-GRO	API	soil	1.100 mg/kg	1 mg/kg	27-Feb-96	1-Mar-96
SS-3 @ 12'	Benzene	API	soil	45 µg/kg	6 µg/kg	27-Feb-96	1-Mar-96
	Toluene	API	soil	270 µg/kg	6 µg/kg	27-Feb-96	1-Mar-96
	Ethylbenzene	API	soil	120 µg/kg	6 µg/kg	27-Feb-96	1-Mar-96
	Xylenes	API	soil	830 µg/kg	19 µg/kg	27-Feb-96	1-Mar-96
	TPH-GRO	API	soil	6 mg/kg	1 mg/kg	27-Feb-96	1-Mar-96
SS-4 @ 12'	Benzene	API	soil	< 100 µg/kg	100 µg/kg	27-Feb-96	4-Mar-96
	Toluene	API	soil	300 µg/kg	100 µg/kg	27-Feb-96	4-Mar-96
	Ethylbenzene	API	soil	3,400 µg/kg	100 µg/kg	27-Feb-96	4-Mar-96
	Xylenes	API	soil	17,000 µg/kg	380 µg/kg	27-Feb-96	4-Mar-96
	TPH-GRO	API	soil	200 mg/kg	30 mg/kg	27-Feb-96	4-Mar-96
SS-5 @ 12'	Benzene	API	soil	< 6 µg/kg	6 µg/kg	27-Feb-96	1-Mar-96
	Toluene	API	soil	< 6 µg/kg	6 µg/kg	27-Feb-96	1-Mar-96
	Ethylbenzene	API	soil	< 6 µg/kg	6 µg/kg	27-Feb-96	1-Mar-96
	Xylenes	API	soil	< 19 µg/kg	19 µg/kg	27-Feb-96	1-Mar-96
	TPH-GRO	API	soil	N.D.	1 mg/kg	27-Feb-96	1-Mar-96

TPH - GRO - Gasoline Range Petroleum Hydrocarbons

API - American Petroleum Institute Rev 6/SW-846 8020A, modified

Sunoco Station #0363-5430

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS

**UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM**

**Sample/Analysis Information
(Attachment for Section 111.8)**

Sample I.D. (See diagram)	Parameter	Analytical Method	Media	Result (units)	Detection Limit (units)	Date Sample Taken	Date Sample Analyzed
SS-6 @ 12'	Benzene	API	soil	31 ug/kg	6 ug/kg	27-Feb-96	4-Mar-96
	Toluene	API	soil	450 ug/kg	6 ug/kg	27-Feb-96	4-Mar-96
	Ethylbenzene	API	soil	500 ug/kg	6 ug/kg	27-Feb-96	4-Mar-96
	Xylenes	API	soil	2,800 ug/kg	19 ug/kg	27-Feb-96	4-Mar-96
	TPH-GRO	API	soil	28 mg/kg	1 mg/kg	27-Feb-96	4-Mar-96
SS-7 @ 12'	Benzene	API	soil	1,900 ug/kg	700 ug/kg	27-Feb-96	4-Mar-96
	Toluene	API	soil	10,000 ug/kg	700 ug/kg	27-Feb-96	4-Mar-96
	Ethylbenzene	API	soil	24,000 ug/kg	700 ug/kg	27-Feb-96	4-Mar-96
	Xylenes	API	soil	140,000 ug/kg	2,000 ug/kg	27-Feb-96	4-Mar-96
	TPH-GRO	API	soil	1,100 mg/kg	100 mg/kg	27-Feb-96	4-Mar-96
SS-8 @ 12'	Benzene	API	soil	N.D.	600 ug/kg	27-Feb-96	4-Mar-96
	Toluene	API	soil	900 ug/kg	600 ug/kg	27-Feb-96	4-Mar-96
	Ethylbenzene	API	soil	6,400 ug/kg	600 ug/kg	27-Feb-96	4-Mar-96
	Xylenes	API	soil	21,000 ug/kg	1,900 ug/kg	27-Feb-96	4-Mar-96
	TPH-GRO	API	soil	500 mg/kg	100 mg/kg	27-Feb-96	4-Mar-96
SS-9 @ 12'	Benzene	API	soil	< 700 ug/kg	700 ug/kg	27-Feb-96	4-Mar-96
	Toluene	API	soil	< 700 ug/kg	700 ug/kg	27-Feb-96	4-Mar-96
	Ethylbenzene	API	soil	11,000 ug/kg	700 ug/kg	27-Feb-96	4-Mar-96
	Xylenes	API	soil	20,000 ug/kg	2,000 ug/kg	27-Feb-96	4-Mar-96
	TPH-GRO	API	soil	1,100 mg/kg	100 mg/kg	27-Feb-96	4-Mar-96
SS-10 @ 12'	Benzene	API	soil	1,000 ug/kg	600 ug/kg	27-Feb-96	4-Mar-96
	Toluene	API	soil	11,000 ug/kg	600 ug/kg	27-Feb-96	4-Mar-96
	Ethylbenzene	API	soil	12,000 ug/kg	600 ug/kg	27-Feb-96	4-Mar-96
	Xylenes	API	soil	85,000 ug/kg	1,800 ug/kg	27-Feb-96	4-Mar-96
	TPH-GRO	API	soil	800 mg/kg	100 mg/kg	27-Feb-96	4-Mar-96
SS-11 @ 12'	Benzene	API	soil	N.D.	600 ug/kg	27-Feb-96	4-Mar-96
	Toluene	API	soil	4,600 ug/kg	600 ug/kg	27-Feb-96	4-Mar-96
	Ethylbenzene	API	soil	15,000 ug/kg	600 ug/kg	27-Feb-96	4-Mar-96
	Xylenes	API	soil	93,000 ug/kg	1,800 ug/kg	27-Feb-96	4-Mar-96
	TPH-GRO	API	soil	700 mg/kg	100 mg/kg	27-Feb-96	4-Mar-96

TPH - GRO - Gasoline Range Petroleum Hydrocarbons

API - American Petroleum Institute Rev 6/SW-846 8020A, modified

Sunoco Station #0363-5430

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS

**UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM**

**Sample/Analysis Information
(Attachment for Section 111.8)**

Sample I.D. (See diagram)	Parameter	Analytical Method	Media	Result (units)	Detection Limit (units)	Date Sample Taken	Date Sample Analyzed
SS-12 @ 12'	Benzene	API	soil	N.D.	100 ug/kg	27-Feb-96	4-Mar-96
	Toluene	API	soil	500 ug/kg	100 ug/kg	27-Feb-96	4-Mar-96
	Ethylbenzene	API	soil	4,200 ug/kg	100 ug/kg	27-Feb-96	4-Mar-96
	Xylenes	API	soil	9,800 ug/kg	370 ug/kg	27-Feb-96	4-Mar-96
	TPH-GRO	API	soil	300 mg/kg	20 mg/kg	27-Feb-96	4-Mar-96
SS-13 @ 8'	TPH by IR	418.1	soil	30 mg/kg	20 mg/kg	27-Feb-96	1-Mar-96
SS-14 @ 8'	TPH by IR	418.1	soil	90 mg/kg	20 mg/kg	27-Feb-96	1-Mar-96
SS-1 @ 8' (w/o)	TPH by IR	418.1	soil	< 20 mg/kg	20 mg/kg	29-Nov-95	11-Dec-95
	Lead	7420	soil	ND	12 mg/kg	30-Nov-95	7-Dec-95
SS-2 @ 8' (w/o)	TPH by IR	418.1	soil	< 20 mg/kg	20 mg/kg	29-Nov-95	11-Dec-95
	Lead	7420	soil	ND	12 mg/kg	30-Nov-95	7-Dec-95
SS-3 @ 8' (f/o)	TPH by IR	418.1	soil	< 20 mg/kg	20 mg/kg	29-Nov-95	11-Dec-95
SS-4 @ 8' (f/o)	TPH by IR	418.1	soil	< 20 mg/kg	20 mg/kg	29-Nov-95	11-Dec-95
TL-1 @ 1'	Benzene	API	soil	N.D.	5 ug/kg	13-Feb-96	22-Feb-96
	Toluene	API	soil	N.D.	5 ug/kg	13-Feb-96	22-Feb-96
	Ethylbenzene	API	soil	N.D.	5 ug/kg	13-Feb-96	22-Feb-96
	Xylenes	API	soil	N.D.	16 ug/kg	13-Feb-96	22-Feb-96
	TPH-GRO	API	soil	N.D.	1 mg/kg	13-Feb-96	22-Feb-96
TL-2 @ 1'	Benzene	API	soil	N.D.	100 ug/kg	13-Feb-96	22-Feb-96
	Toluene	API	soil	800 ug/kg	100 ug/kg	13-Feb-96	22-Feb-96
	Ethylbenzene	API	soil	2,100 ug/kg	100 ug/kg	13-Feb-96	22-Feb-96
	Xylenes	API	soil	19,000 ug/kg	350 ug/kg	13-Feb-96	22-Feb-96
	TPH-GRO	API	soil	150 mg/kg	20 mg/kg	13-Feb-96	22-Feb-96
Disp-1 @ 1'	Benzene	API	soil	100 ug/kg	60 ug/kg	8-Feb-96	12-Feb-96
	Toluene	API	soil	3,000 ug/kg	60 ug/kg	8-Feb-96	12-Feb-96
	Ethylbenzene	API	soil	3,000 ug/kg	60 ug/kg	8-Feb-96	12-Feb-96
	Xylenes	API	soil	21,000 ug/kg	180 ug/kg	8-Feb-96	12-Feb-96
	TPH-GRO	API	soil	200 mg/kg	10 mg/kg	8-Feb-96	12-Feb-96

TPH - GRO - Gasoline Range Petroleum Hydrocarbons

API - American Petroleum Institute Rev 6/SW-846 8020A, modified

Sunoco Station #0363-5430

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF WATER QUALITY MANAGEMENT
DIVISION OF STORAGE TANKS

**UNDERGROUND STORAGE TANK
CLOSURE REPORT FORM**

**Sample/Analysis Information
(Attachment for Section 111.8)**

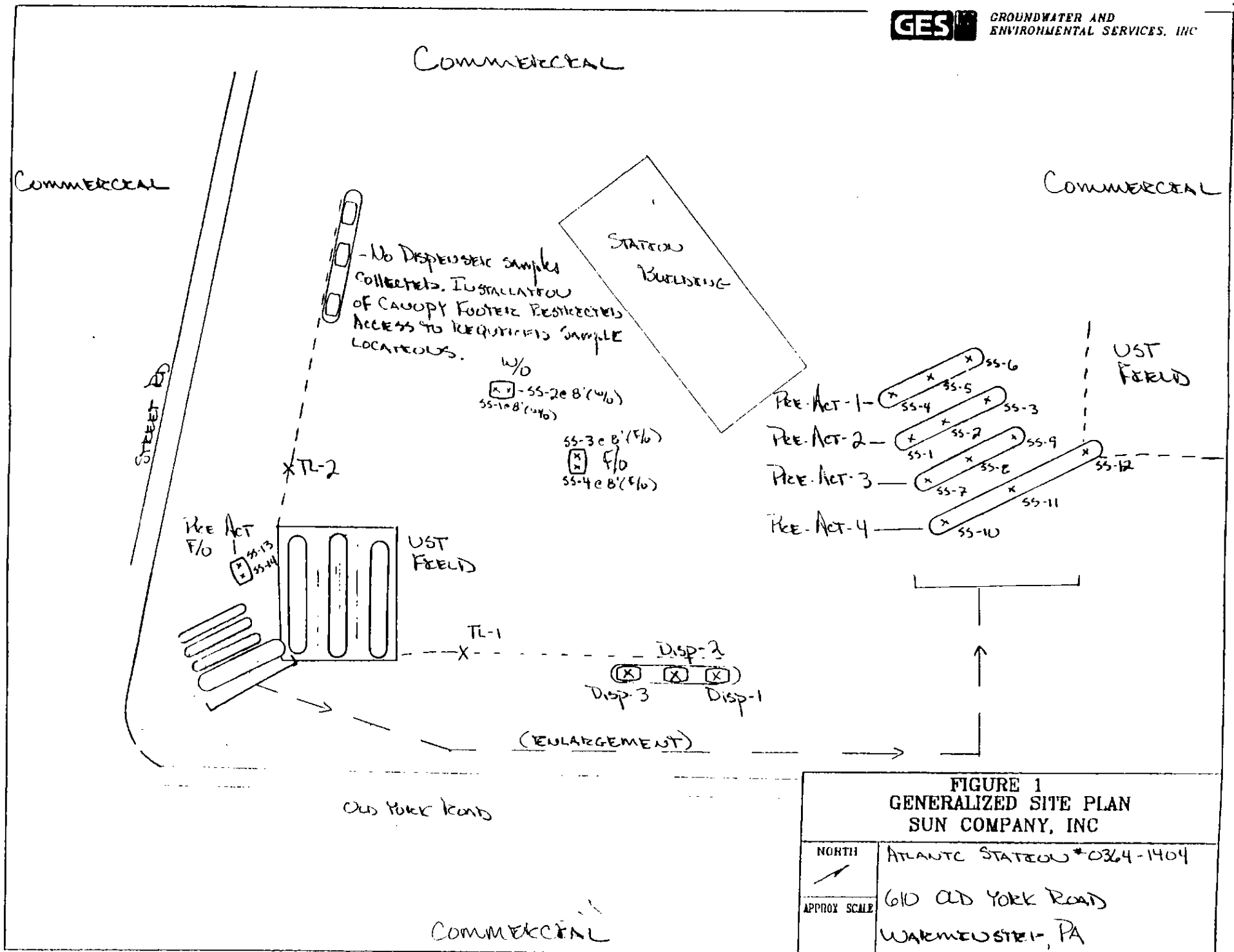
Sample I.D. (See diagram)	Parameter	Analytical Method	Media	Result (units)	Detection Limit (units)	Date Sample Taken	Date Sample Analyzed
Disp-2 @ 1'	Benzene	API	soil	700 ug/kg	600 ug/kg	8-Feb-96	12-Feb-96
	Toluene	API	soil	51,000 ug/kg	600 ug/kg	8-Feb-96	12-Feb-96
	Ethylbenzene	API	soil	41,000 ug/kg	600 ug/kg	8-Feb-96	12-Feb-96
	Xylenes	API	soil	250,000 ug/kg	1,800 ug/kg	8-Feb-96	12-Feb-96
	TPH-GRO	API	soil	1,300 mg/kg	100 mg/kg	8-Feb-96	12-Feb-96
Disp-3 @ 1'	Benzene	API	soil	200 ug/kg	100 ug/kg	8-Feb-96	12-Feb-96
	Toluene	API	soil	14,000 ug/kg	100 ug/kg	8-Feb-96	12-Feb-96
	Ethylbenzene	API	soil	10,000 ug/kg	100 ug/kg	8-Feb-96	12-Feb-96
	Xylenes	API	soil	63,000 ug/kg	350 ug/kg	8-Feb-96	12-Feb-96
	TPH-GRO	API	soil	310 mg/kg	20 mg/kg	8-Feb-96	12-Feb-96

TPH - GRO - Gasoline Range Petroleum Hydrocarbons

API - American Petroleum Institute Rev 6/SW-846 8020A, modified

Sunoco Station #0363-5430

FIGURES



APPENDIX A
PHOTOGRAPHIC LOGS

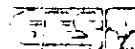


GROUNDWATER &
ENVIRONMENTAL SERVICES, INC.



PRODUCT DISPENSERS
DISP-1, DISP-2, & DISP-3

PLATE 1
PHOTOGRAPHIC LOG
ATLANTIC STATION #0363-5430
610 OLD YCRK ROAD
WARMINSTER, PENNSYLVANIA



PRE-TEST TANKS
THREE 3000 GAL. STEEL (ST-1)



PRE-TEST TANK
ONE 1000 GAL. STEEL (ST-1)

PLATE 2
PHOTOGRAPHIC LOG
ATLANTIC STATION #0580-5-30
610 OLD YORK ROAD
WARMINSTER, PENNSYLVANIA

APPENDIX B
WASTE DISPOSAL DOCUMENTATION



RD1 Box 5A
Old Bridge, N.J. 08857
(908) 721-6000
Fax (908) 721-6201

STANDARD
COLLECTION
ORDER FORM

117440

GENERATOR/LOCATION		OFFICE USE ONLY		BILL TO (IF DIFFERENT FROM LOCATION)	
NAME		NAME		NAME	
ADDRESS		ADDRESS		ADDRESS	
CITY		CITY		CITY	
STATE		STATE		STATE	
ZIP		ZIP		ZIP	
COUNTRY		COUNTRY		COUNTRY	
MANIFEST NUMBER		MANIFEST NUMBER		MANIFEST NUMBER	

SHIPPING INFORMATION			
This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.			
NO.	TYPE	QTY	UNIT
US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			
SALES REPRESENTATIVE			

SERVICE SECTION							
SALES CODE	DESCRIPTION	WASTE CODE	QUANTITY	UNIT OF MEASURE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40501	OIL WATER DISPOSAL	8723	225	GALLONS			
40502	SLUDGE DISPOSAL						
41000	NON HAZARDOUS DISPOSAL						
41001	RCRA WASTE DISPOSAL						
41500	VAC TRUCK & OPERATOR	8:00 AM - 1:00 PM					
41501	DRUM DISPOSAL						
41502	SEPARATOR CLEANING	X					
41503	QA/QC ANALYTICAL TESTING						
41504	TANK CLEANING						
41505	CONFINED SPACE ENTRY						
42000	MANIFEST PROCESSING FEE						
42001	DEXSIL TEST KIT						

Remedial Separator Lines

TOTAL

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION.

INVOICES REFLECTING CHARGES TO CUSTOMER ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OF 1% PER MONTH (12% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, LORCO SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES.

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261. GENERATOR AGREES TO INDEMNIFY AND HOLD LORCO HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

Generator certifies that the waste is 8723 in accordance with the N.J.A.C. 7:26-12.1 et seq., LORCO has the required permits to accept the above described waste.

Print Name: _____ Title: _____
Signature: _____ Date: 12/1/95
GENERATOR/CUSTOMER

SMALL QUANTITY GENERATOR CERTIFICATION

I certify that this generator generates less than 100 kilograms (approximately 220 pounds) or 30 gallons of hazardous waste per month, as defined at 40 C.F.R. 261, and does not accumulate more than 1,000 kilograms of such waste during the month.

125

GENERATOR'S SIGNATURE

LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL COT TEST RESULTS

12/1/95 PPM

PAYMENT RECEIVED SECTION

CASH ☐

TOTAL RECEIVED

CHECK NUMBER

PAYMENT MADE SECTION

PAYMENT METHOD

PAYMENT AMOUNT

CASH ☐ CHECK ☐

RECEIVED BY

CUSTOMER'S SIGNATURE

In accordance with 40 C.F.R. 266.9 (b)(5) LORCO has notified the US EPA of its location and used oil management activities.

Print Name: Chuck Clayton
Signature: Chuck Clayton Date: 12/1/95
LORCO REPRESENTATIVE



RD1 Box 5A
Cld Bridge, N.J. 08857
(908) 721-0900
Fax (908) 721-0231

STANDARD
COLLECTION
ORDER FORM

114090

GENERATOR/LOCATION

OFFICE USE ONLY

BILL TO (IF DIFFERENT FROM LOCATION)

NAME <u>Sumner</u>	NAME <u>Salomone</u>
ACCOUNT APPROVAL CODE <u>13365</u>	ACCOUNT APPROVAL CODE <u>13365</u>
DELIVERY ADDRESS <u>670 York Rd</u>	DELIVERY ADDRESS <u>670 York Rd</u>
CITY <u>Wilmington</u>	CITY <u>Wilmington</u>
STATE <u>PA</u>	STATE <u>PA</u>
PHONE NUMBER <u>610-666-1111</u>	PHONE NUMBER <u>610-666-1111</u>
PURCHASE ORDER NUMBER <u>11-29-95</u>	PURCHASE ORDER NUMBER <u>11-29-95</u>
MANIFEST NUMBER <u>11-29-95</u>	MANIFEST NUMBER <u>11-29-95</u>

SHIPPING INFORMATION

This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

NO	TYPE	QTY	UNIT	US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	SALES REPRESENTATIVE
----	------	-----	------	---	----------------------

SERVICE SECTION

SALES CODE	DESCRIPTION	WASTE CODE	QUANTITY	UNIT OF MEASURE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL	X721	250	gallons			
40501	OIL WATER DISPOSAL	X722	700	gallons			
40502	SLUDGE DISPOSAL	X722	120	gallons			
41000	NON-HAZARDOUS DISPOSAL						
41001	RCRA WASTE DISPOSAL						
41500	VAC TRUCK & OPERATOR		7:20 AM - 3:30 PM				
41501	DRUM DISPOSAL						
41502	SEPARATOR CLEANING						
41503	QA/QC ANALYTICAL TEST NG						
41504	TANK CLEANING	2	550	Tank			
41505	CONFINED SPACE ENTRY						
42000	MANIFEST PROCESSING FEE						
42001	DEXSIL TEST KIT						

LPT X-72NS Truck

TOTAL

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION

INVOICES REFLECTING CHARGES TO CUSTOMER

ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OF 18% PER MONTH (216% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, LORCO SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES.

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261. GENERATOR AGREES TO INDEMNIFY AND HOLD LORCO HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

Generator certifies that the waste is X722 in accordance with the N.J.A.C. 7-26-12.1 et seq. LORCO has the required permits to accept the above described waste.

Print Name: Robert Sumner Title: 11-29-95
Signature: [Signature] Date: 11-29-95
GENERATOR/CUSTOMER

SMALL QUANTITY GENERATOR CERTIFICATION

I certify that this generator generates less than 100 kilograms (approximately 220 pounds or 30 gallons) of hazardous waste per month, as defined at 40 C.F.R. 261, and does not accumulate more than 1,000 kilograms or such waste during the month.

Signature: [Signature]
GENERATOR SIGNATURE

LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT TEST RESULTS

N/A ppm

CUSTOMER

PAYMENT RECEIVED SECTION

CASH ☐

CHECK NUMBER

TOTAL RECEIVED

PAYMENT MADE SECTION

PAYMENT METHOD

PAYMENT AMOUNT

CASH ☐

CHECK ☐

RECEIVED BY

CUSTOMER'S SIGNATURE

In accordance with 40 CFR 258.34(b) LORCO has notified the US EPA of its location and used oil management activities.

Print Name: Anibal Vazquez
Signature: [Signature] Date: 11-29-95
LORCO REPRESENTATIVE

DATE
RECEIVED

A780

Waste Oil & Electric Tank

DEPENDABLE IRON & METAL CO., INC.

P.O. BOX 1012 • RAHWAY, N.J. 07065

SCALE
RECEIVING
TICKET NO.

No 29313

CORNER OF RODGERS ST. & LEESVILLE AVE. • RAHWAY, N.J. (908) 382-7715

595-336-PA

VENDOR NAME		<i>Sell</i>		VENDOR NUMBER		INVENTORY CODE	
PRODUCT DESCRIPTION		<i>Imp</i>		<i>595-336-11</i>			
PRODUCT NUMBER							
GROSS LBS.		<i>49600</i>					
TARE LBS.		<i>4020</i>					
NET LBS.		<i>45580</i>					
DEDUCTIONS							
GROSS TONS							
UNIT PRICE		PER		PER		PER	
\$ AMOUNT		TERMS*		TERMS*		TERMS*	
SELLER'S SIGNATURE FOR CASH RECEIVED							
*TERMS:		<i>C=CASH</i>		CK=CHECK		P=PAYABLE O=OPEN	
						GRAND TOTAL	



RD1 Box 5A
Old bridge, N.J. 08857
(908) 721 0900
Fax (908) 721 4021

PAGE: 1

INVOICE
0124167-TN

SALESPERSON DATE OF INVOICE

MS
JOB SITE

02/27/96

SUNOCO WERMINSTER PA.

SALOMONE BROS.
ACCOUNTS PAYABLE DEPT
17 DEMAREST DRIVE
WAYNE

NJ 07470

ACCOUNT NO.	DATE SHIPPED	TERMS	YOUR ORDER NUMBER
0001017		NET 10 DAYS	
QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT

1000.000 OILY WATER DISPOSAL - NJ
1.000 SERVICE CHARGES

NET INVOICE:
SALES TAX:

TOTAL

A SERVICE CHARGE OF 1.5%
WILL BE ADDED TO ALL BART
DUE ON INVOICES

Thank You!

RETURN YELLOW COPY
WITH PAYMENT

Fax: 1-201-305-0510
Apr 2 '96 14:08 F.O.

DELAWARE VALLEY SCRAP CO.
Beaver Dam Road, Off Rt. 13
EDGELEY, PA 19007

Phone 949-1191

DATE 3/28/96

EXTRA
Tanky

105431

SAL PHONE

CEVA R. W. W. STOK
Tanky

595-336-PA

QUANTITY	TARE	NET	DESCRIPTION	PRICE	AMOUNT
45200	39080	6120 #1 steel		2.00	122.40
				TOTAL \$	122.40

[Signature]

Feb 1-201-305-0510 Apr 2 '96 14:08 F.06

DELAWARE VALLEY SCRAP CO.
Beaver Dam Road, Off Rt. 13
EDGELEY, PA 19007

Phone 949-1191

*WALWATER
TANK CO*

*EXTRA
TANK*
SALEMAN

105465

595-336-PA

QUANTITY	UNIT	NET	DESCRIPTION	PRICE	AMOUNT
43000	38500	3500	81 steel	2.00	70.00
				TOTAL \$	70.00

pd

APPENDIX C
LABORATORY REPORTS



Lancaster Laboratories

A Thermo Analytical Laboratory

Where quality is a science

April 1, 1996

**Mr. Mark Haslett
Groundwater & Environmental Services
410 Eagleview Boulevard Suite 110
Exton, PA 19341**

Dear Mr. Haslett:

As we had discussed on March 26, 1996, we received soil samples from the Atlantic site at 610 Old York Road in Warminster, Pennsylvania. The samples were misplaced after BTEX/GRO was analyzed, and we have not located them for the moisture analysis. Therefore, these two, SS-1 (12') and SS-2 (12'), are reported only "as received" and not on a dry-weight basis. I apologize for the inconvenience this may have caused you.

Sincerely,

Eileen Hostetler

**Eileen Hostetler
Project Management
Environmental Sciences**

EH/clw

Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2681

Shipping Address
Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605
717-656-2300 Fax 717-656-2681

Environmental • Foods • Pharmaceuticals



A Subsidiary of Thermo Analytical Systems, Inc. a Thermo Electron Company

APR 03 1995

For LLI use only
Acct. # 8475 Sample # 2469802-75

Please print. Instructions on reverse side correspond with circled numbers.

Client SUN - GES Acct. # 8475
Project Name/ID ATL 610 OLD YORK RD PWSID #
Project Manager MARK HASLUTTE PO #
Sampler REN DELA PENA Quote #
Name of state where samples were collected PA

Sample Identification

Sample ID	Date	Time	Lab	Cont	Soil	Water	Top	Total	Comments	For LLI use only
SS-1 (12')	2/21/96	1126	X	X				1	X	1-125 MC. JMC
SS-2 (12')		1130						1	X	
SS-3 (12')		1136						1	X	
SS-4 (12')		1340						1	X	
SS-5 (12')		1343						1	X	
SS-6 (12')		1346						1	X	
SS-7 (12')		1436						1	X	
SS-8 (12')		1440						1	X	
SS-9 (12')		1442						1	X	
SS-10 (12')		1536						1	X	

Turnaround Time Requested (TAT) (please circle) Normal Rush

(Rush TAT is subject to LLI approval and surcharge.)

Date results are needed

Rush results requested by (please circle) Phone Fax

Phone # Fax #

8 Data Package Options (please circle if requested)

QC Summary Type VI

Type I (Tier I) GLP

Type II (Tier II) Other

Type III (NJ Red Del)

Type IV (CLP)

SDG Complete?

Yes No

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume)

Internal Chain of Custody required? Yes No

Relinquished by <u>[Signature]</u>	Date <u>2/24/96</u>	Time <u>800</u>	Received by <u>RESTORATION</u>	Date <u>2/24/96</u>	Time <u>815</u>
Relinquished by <u>[Signature]</u>	Date <u>2-28-96</u>	Time <u>1030</u>	Received by <u>[Signature]</u>	Date <u>2/28/96</u>	Time <u>1030</u>
Relinquished by <u>[Signature]</u>	Date <u>2/28/96</u>	Time <u>1345</u>	Received by	Date	Time
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by	Date	Time



Lancaster Laboratories

A Thermo Analytical Laboratory

LLI Sample No. SW 2467862

Collected: 2/27/96 at 11:26 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-1 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475
SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

AS RECEIVED

CAT NO.	ANALYSIS NAME	RESULTS	LIMIT OF QUANTITATION	UNITS
5325	TPH-GRO API & BTEX (Soils)			
2603	Benzene	1,000.	500.	ug/kg
2604	Toluene	23,000.	500.	ug/kg
2606	Ethylbenzene	34,000.	500.	ug/kg
5327	Total Xylenes	180,000.	1,500.	ug/kg
5326	TPH by GC - GRO (Soils)	1,100.	100.	mg/kg

According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.

LABORATORY CHRONICLE

CAT NO.	ANALYSIS NAME	METHOD	ANALYSIS TRIAL	DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	03/01/96 1252	Matthew E. Barton

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostatler at (717) 650-2300
03:14:46 D 0001 14 119586 505239
854 48.00 00004800 ASR000

Respectfully Submitted
Judy A. Cotello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17603-1425
(717) 650-2300 Fax (717) 650-1031

See back page for Markings and Abbreviations

2216 Rev 10/30/95





LLI Sample No. SW 2467863

Collected: 2/27/96 at 11:30 by RDP

Submitted: 2/28/96 Reported: 3/27/96
Discard: 4/11/96

SS-2 (12") Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475
SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

		AS RECEIVED		
CAT NO.	ANALYSIS NAME	RESULTS	LIMIT OF	
			QUANTITATION	UNITS
5325	TPH-GRO API & BTEX (Soils)			
2603	Benzene	1,900.	5.	ug/kg
2604	Toluene	33,000.	5.	ug/kg
2606	Ethylbenzene	26,000.	5.	ug/kg
5327	Total Xylenes	160,000.	15.	ug/kg
5326	TPH by GC - GRO (Soils)	1,100.	1.	mg/kg

According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.

LABORATORY CHRONICLE					
CAT NO	ANALYSIS NAME	METHOD	ANALYSIS TRIAL	DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 3020A, mod.	1	03/01/96 1324	Matthew E. Barton

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:15:05 D 0001 14 119586 505239
854 48.00 00004800 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17605-2425
717 656-2300 Fax 717 656-2661

See back of report for explanation of symbols and abbreviations

221b Rev 10/30/95



LLI Sample No. SW 2467864

Collected: 2/27/96 at 11:36 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-3 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	35.	5.	ug/kg	45.	6.
2604	Toluene	210.	5.	ug/kg	270.	6.
2606	Ethylbenzene	94.	5.	ug/kg	120.	6.
5327	Total Xylenes	660.	15.	ug/kg	830.	19.
5326	TPH by GC - GRO (Soils)	5.	1.	mg/kg	6.	1.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
2111	Moisture	21.0	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 3020A, mod.	1	03/01/96 1324	Matthew E. Barton
2111	Moisture	EPA 160.3 modified	1	03/01/96 1623	Roxanne M. Roth

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hosterler at (717) 650-2300
03:15:21 D 0001 14 119586 505239
854 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-650-2300 Fax 717-650-2301

Environmental and Industrial Hygiene Laboratory

2213 Rev. 10-30-95



LLI Sample No. SW 2467865

Collected: 2/27/96 at 13:40 by RDP

Submitted: 2/28/96 Reported: 3/27/96
Discard: 4/11/96

SS-4 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475
SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK RD
REL.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	< 100.	100.	ug/kg	< 100.	100.
2604	Toluene	300.	100.	ug/kg	300.	100.
2606	Ethylbenzene	2,700.	100.	ug/kg	3,400.	100.
5327	Total Xylenes	14,000.	300.	ug/kg	17,000.	380.
5326	TPH by GC - GRO (Soils)	160.	20.	mg/kg	200.	30.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene. Due to interferences from the sample matrix, the limit of quantitation for the benzene determination was increased.						
2111	Moisture	20.6	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	03/04/96 1220	Matthew E. Barton
2111	Moisture	EPA 160.3 modified	1	03/01/96 1655	Roxanne M. Roth

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 550-2300
03:15:45 D 0001 14 119586 505239
854 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-4125
TEL: 717-550-2300 FAX: 717-550-2301

USE OF THIS REPORT IS LIMITED TO THE ANALYSIS AND REPORTING THEREON

2211 Rev 10/30/95





Lancaster Laboratories

A Thermo Analytical Laboratory

Analy

LLI Sample No. SW 2467865
Collected: 2/27/96 at 13:40 by RDP

Submitted: 2/28/96 Reported: 3/27/96
Discard: 4/11/96

SS-4 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475
SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIM QUANT
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	< 100.	100.	ug/kg	< 100.	10
2604	Toluene	300.	100.	ug/kg	300.	10
2606	Ethylbenzene	2,700.	100.	ug/kg	3,400.	10
5327	Total Xylenes	14,000.	300.	ug/kg	17,000.	38
5326	TPH by GC - GRO (Soils)	160.	20.	mg/kg	200.	30
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene. Due to interferences from the sample matrix, the limit of quantitation for the benzene determination was increased.						
2111	Moisture	20.6	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						
LABORATORY CHRONICLE						
CAT NO.	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST	
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	03/04/96 1220	Matthew E. Barton	
2111	Moisture	EPA 160.3 modified	1	03/01/96 1655	Roxanne M. Roth	

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 550-2300
03:15:45 D 0001 14 119586 505239
854 55.20 00005520 ASR000

MEMBER
ACIL

Lancaster Laboratories
2425 New Holland Pk.
PO Box 12425
Exton, PA 19341-0425
(717) 550-2300

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader

LLI Sample No. SW 2467866

Collected: 2/27/96 at 13:43 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-5 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. 610 OLD YORK RD

Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	< 5.	5.	ug/kg	< 6.	6.
2604	Toluene	< 5.	5.	ug/kg	< 6.	6.
2606	Ethylbenzene	< 5.	5.	ug/kg	< 6.	6.
5327	Total Xylenes	< 15.	15.	ug/kg	< 19.	19.
5326	TPH by GC - GRO (Soils)	N.D.	1.	mg/kg	N.D.	1.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
2111	Moisture	21.6	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE						
CAT NO.	ANALYSIS NAME	METHOD	ANALYSIS TRIAL	DATE AND TIME	ANALYST	
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 BC20A, mod.	1	03/01/96 1436	Matthew E. Barton	
2111	Moisture	EPA 160.3 modified	1	03/01/96 1710	Roxanne M. Roth	

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
 Eileen R. Hostettler at (717) 556-2300
 03:16:04 D 0001 14 119586 505239
 854 55.20 00005520 ASR000

Respectfully Submitted
 Judy A. Coletto, B.S.
 Group Leader



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 11425
 Lancaster PA 17605-0125
 (717) 556-2300 Fax (717) 556-2341

See Please for a description of symbols and abbreviations.

2016 REV 10/20/95





LLI Sample No. SW 2467867

Collected: 2/27/96 at 13:46 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-6 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Eaton PA 19341

P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	25.	5.	ug/kg	37.	6.
2604	Toluene	370.	5.	ug/kg	450.	6.
2606	Ethylbenzene	400.	5.	ug/kg	500.	6.
5327	Total Xylenes	2,300.	15.	ug/kg	2,800.	19.
5326	TPH by GC - GRO (Soils)	23.	1.	mg/kg	28.	1.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
2111	Moisture	19.4	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	03/04/96 1253	Matthew E. Barton
2111	Moisture	EPA 160.3 modified	1	03/01/96 1725	Roxanne M. Roth

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
 Eileen R. Hostetler at (717) 656-2300
 03:10:24 D 0001 14 119536 505239
 354 55.20 00005520 ASR000

Respectfully Submitted
 Judy A. Colello, B.S.
 Group Leader



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17603-7125
 TEL 656-2300 FAX 717-656-1561

See the inside of this report for sample identification

0216 Rev 10.30.95





LLI Sample No. SW 2467868

Collected: 2/27/96 at 14:36 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-7 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. 610 OLD YORK RD
Ret.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	1,400.	500.	ug/kg	1,900.	700.
2604	Toluene	8,000.	500.	ug/kg	10,000.	700.
2606	Ethylbenzene	10,000.	500.	ug/kg	24,000.	700.
5327	Total Xylenes	110,000.	500.	ug/kg	140,000.	2,000.
5326	TPH by GC - GRO (Soils)	800.	100.	mg/kg	1,100.	100.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
2111	Moisture	23.7	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	03/04/96 1325	Matthew E. Barton
2111	Moisture	EPA 160.3 modified	1	03/01/96 1747	Roxanne M. Roth

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
 Eileen R. Hostetler at (717) 656-2300
 03:16:42 D 0001 14 119586 S05239
 854 55.20 00005520 ASR000

Respectfully Submitted
 Judy A. Colello, B.S.
 Group Leader



Lancaster Laboratories
 2125 New Holland Pike
 PO Box 12425
 Lancaster PA 17605-1225
 (717) 656-2300 Fax (717) 656-2301

See also the 1010 Declaration of Compliance and abbreviations

2276 Rev 10/30/95





Lancaster Laboratories

A Thermo Analytical Laboratory

LLI Sample No. SW 2467869

Collected: 2/27/96 at 14:40 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-8 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. 610 OLD YORK RD

Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	N.D.	500.	ug/kg	N.D.	600.
2604	Toluene	700.	500.	ug/kg	900.	600.
2606	Ethylbenzene	4,900.	500.	ug/kg	6,400.	600.
5327	Total Xylenes	17,000.	1,500.	ug/kg	21,000.	1,900.
5326	TPH by GC - GRO (Soils)	400.	100.	mg/kg	500.	100.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene. Due to interferences from the sample matrix, the limit of quantitation for the benzene determination was increased.						
2111	Moisture	22.9	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	03/04/96 1358	Matthew E. Barton
2111	Moisture	EPA 160.3 modified	1	03/01/96 1810	Roxanne M. Roth

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
 Eileen R. Hosterler at (717) 550-2300
 03:17:02 D 0001 14 119586 505239
 854 55.20 00005520 ASR000

Respectfully Submitted
 Judy A. Coletto, B.S.
 Group Leader



Lancaster Laboratories
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-0425
 (717) 550-1300 Fax (717) 550-1301

See Manual for abbreviations and symbols and abbreviations

2216 Rev 10/30/95





Lancaster Laboratories

A Thermo Analytical Laboratory

LLI Sample No. SW 2467870

Collected: 2/27/96 at 14:42 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-9 (12") Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475
SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Eaton PA 19341

P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	< 500.	500.	ug/kg	< 700.	700.
2604	Toluene	< 500.	500.	ug/kg	< 700.	700.
2606	Ethylbenzene	7,900.	500.	ug/kg	11,000.	700.
5327	Total Xylenes	15,000.	500.	ug/kg	20,000.	2,000.
5326	TPH by GC - GRO (Soils)	800.	100.	mg/kg	1,100.	100.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene. Due to interferences from the sample matrix, the limits of quantitation for the benzene and toluene determinations were increased.						
2111	Moisture	25.5	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE						
CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST	
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	03/04/96 1324	Matthew E. Barton	
2111	Moisture	EPA 160.3 modified	1	03/01/96 1854	Roxanne M. Roth	

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hosterler at (717) 656-2300
03:17:22 P 0001 14 119586 505239
854 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2303

See the back of this report for additional comments and abbreviations

2215 Rev 10/30/95





Lancaster Laboratories

A Thermo Analytical Laboratory

LLI Sample No. SW 2467869
Collected: 2/27/96 at 14:40 by RDP

Submitted: 2/28/96 Reported: 3/27/96
Discard: 4/11/96

SS-8 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475
SUN: Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

CAT NO.	ANALYSIS NAME	AS RECEIVED		
		RESULTS	LIMIT OF QUANTITATION	UNITS
5325	TPH-GRO API & BTEX (Soils)	N.D.	500.	ug/kg
2603	Benzene	700.	500.	ug/kg
2604	Toluene	4,900.	500.	ug/kg
2606	Ethylbenzene	17,000.	500.	ug/kg
5327	Total Xylenes	400.	1,500.	ug/kg
5326	TPH by GC - GRO (Soils)		100.	mg/kg
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene. Due to interferences from the sample matrix, the limit of quantitation for the benzene determination was increased.				
2111	Moisture	22.9	0.5	% by wt.
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.				
LABORATORY CHRONICLE				
CAT	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS
NO				DATE AND TIME
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-346 9020A, mod.	1	03/04/96 1358
2111	Moisture	EPA 160.3 modified	1	03/01/96 1810
ANALYST: Matth. Roxane				

1 COPY TO SUN: Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 650-2300
03:17:02 P 0001 14 119580 505239
854 55.20 00005520 ASR000



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-0425
(717) 650-2300

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories

A Thermo Analytical Laboratory

Anal

LLI Sample No. SW 2467870
Collected: 2/27/96 at 14:42 by RDP

Submitted: 2/28/96 Reported: 3/27/96
Discard: 4/11/96

SS-9 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475
SUN: Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			UNITS	DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION			RESULTS	QU
5325	TPH-GRO API & BTEX (Soils)						
2603	Benzene	< 500.	500.		ug/kg	< 700.	
2604	Toluene	< 500.	500.		ug/kg	< 700.	
2606	Ethylbenzene	7,900.	500.		ug/kg	11,000.	
5327	Total Xylenes	15,000.	500.		ug/kg	20,000.	
5326	TPH by GC - GRO (Soils)	800.	100.		mg/kg	1,100.	2.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene. Due to interferences from the sample matrix, the limits of quantitation for the benzene and toluene determinations were increased.							
2111	Moisture	25.5	0.5		% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.							

CAT NO.	ANALYSIS NAME	METHOD	LABORATORY CHRONICLE			ANALYST
			TRIAL	DATE AND TIME		
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-346 902DA, mod.	1	03/04/96 1324		Matthew E. Barton
2111	Moisture	EPA 160.3 modified	1	03/01/96 1854		Roxanne M. Roth

1 COPY TO SUN: Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:17:22 D 0001 14 119586 505239
854 55.20 00005520 ASR000



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17605-1425
717-656-2300 Fax 717-656-2339

Respectfully Submitted
Judy A. Cotello, B.S.
Group Leader



LLI Sample No. SW 2467871

Collected: 2/27/96 at 15:56 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-10 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	800.	500.	ug/kg	1,000.	600.
2604	Toluene	8,800.	500.	ug/kg	11,000.	600.
2606	Ethylbenzene	10,000.	500.	ug/kg	12,000.	600.
5327	Total Xylenes	71,000.	1,500.	ug/kg	85,000.	1,800.
5326	TPH by GC - GRO (Soils)	600.	100.	mg/kg	800.	100.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
2111	Moisture	16.1	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 3020A, mod.	1	03/04/96 1356	Matthew E. Barton
2111	Moisture	EPA 160.3 modified	1	03/01/96 1914	Roxanne M. Roth

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:17:41 D 0001 14 119586 505239
854 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17605-2425
717-656-2300 Fax 717-654-2637

See Analysis Report for information on laboratory details

22 Feb 96 10:30:35





Lancaster Laboratories

A Thermo Analytical Laboratory

LLI Sample No. SW 2467872

Collected: 2/27/96 at 15:59 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-11 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

AS RECEIVED

DRY WEIGHT

CAT NO.	ANALYSIS NAME	RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	N.D.	500.	ug/kg	N.D.	600.
2604	Toluene	3,800.	500.	ug/kg	4,600.	600.
2606	Ethylbenzene	12,000.	500.	ug/kg	15,000.	600.
5327	Total Xylenes	77,000.	1,500.	ug/kg	93,000.	1,300.
5326	TPH by GC - GRO (Soils)	500.	100.	mg/kg	700.	100.

According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene. Due to interferences from the sample matrix, the limit of quantitation for the benzene determination was increased.

LABORATORY CHRONICLE

CAT NO.	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 9020A, mod.	1	03/04/96 1429	Matthew E. Barton
2111	Moisture	EPA 160.3 modified	1	03/01/96 1933	Roxanne M. Roth

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 550-2300
03:17:59 D 0001 14 119586 505239
854 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17602-0425
Tel: 717-550-2300 Fax: 717-550-2301

Revised: 10/30/95

1216 Rev. 10/30/95



LLI Sample No. SW 2467873

Collected: 2/27/96 at 16:01 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-12 (12') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	N.D.	100.	ug/kg	N.D.	100.
2604	Toluene	400.	100.	ug/kg	500.	100.
2606	Ethylbenzene	3,400.	100.	ug/kg	4,200.	100.
5327	Total Xylenes	8,000.	300.	ug/kg	9,800.	370.
5326	TPH by GC - GRO (Soils)	250.	20.	mg/kg	300.	20.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
Due to interferences from the sample matrix, the limit of quantitation for the benzene determination was increased.						
2111	Moisture	19.0	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	03/04/96 1430	Matthew E. Barton
2111	Moisture	EPA 160.3 modified	1	03/01/96 1954	Roxanne M. Roth

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:18:20 p 0001 14 119586 505239
854 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17602-0425
(717) 656-2300 Fax: (717) 656-2301

The above is a true and correct copy of the original and interpretation.

03/16 Rev 10/30/95





LLI Sample No. SW 2467874

Collected: 2/27/96 at 16:15 by RDP

Submitted: 2/28/96 Reported: 3/27/96
Discard: 4/11/96

SS-13 (8") Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475
SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK RD
Ret.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
0111	Moisture	19.4	0.5	% by wt.		
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius.					
1562	Petroleum Hydrocarbons	30.	20.	mg/kg	30.	20.
	Petroleum hydrocarbons were detected in the method blank at a concentration of 5 mg/kg on an as received basis. This blank value was not subtracted from the analytical result. Due to the nature of this analysis, it is typical to have a result for the blank.					

LABORATORY CHRONICLE						
CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST	
0111	Moisture	EPA 160.3 (modified)	1	03/01/96 1549	Susan A. Engle	
1562	Petroleum Hydrocarbons	EPA 418.1 (modified)	1	03/07/96 2130	Mark M. Cheyney	

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:18:38 D 0001 14 119586 505239
854 45.70 00004570 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-1425
717-656-2200 Fax 717-656-1431



LLI Sample No. SW 2467875

Collected: 2/27/96 at 16:17 by RDP

Submitted: 2/28/96 Reported: 3/27/96

Discard: 4/11/96

SS-14 (8') Grab Soil Sample

ATL: 610 Old York Rd., PA

Account No: 08475
SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
0111	Moisture	17.8	0.5	% by wt.		
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius.					
1562	Petroleum Hydrocarbons	70.	20.	mg/kg	90.	20.
	Petroleum hydrocarbons were detected in the method blank at a concentration of 5 mg/kg on an as received basis. This blank value was not subtracted from the analytical result. Due to the nature of this analysis, it is typical to have a result for the blank.					

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
0111	Moisture	EPA 160.3 (modified)	1	03/01/96 1549	Susan A. Engle
1562	Petroleum Hydrocarbons	EPA 418.1 (modified)	1	03/07/96 2130	Mark M. Cheyney

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:18:52 D 0001 14 119586 505239
854 45.70 00004570 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17605-2425
717-656-2300 FAX 717-656-2303

See back of report for additional information

11-15 Rev 10/20/95



For LLI use only
Acct. # 8475 Sample # 246/411-13

Please print. Instructions on reverse side correspond with circled numbers.

Client		SUN - GES		Acct # 8475		Method		4		(5)		Analysis		For LLI use only	
Project Name/ID		ATC 620 No York RD		PWSID #		Project Manager		Mark Haskell		PO #		Sampler		Boris S. Ricker	
Name of state where samples were collected		PA		Quote #		Grab		Composite		Water		Soil		Other	
Sample	TL-1	①	1'	2/13/96	745	X	X			1	X			1	125 ml Jar
	TL-2	②	1'	2/13/96	750	X	X			1	X			1	125 ml Jar
Turnaround Time Requested (TAT) (please circle) <u>Normal</u> Rush Rush results requested by (please circle) Phone Fax Phone # Fax # Data Package Options (please circle if requested) QC Summary Type VI Type I (Tier I) GLP Type II (Tier II) Other Type III (NJ Red Del) Type IV (CLP) SDG Complete? Yes No Site-specific QC required? Yes No (If yes, indicate QC sample and submit triplicate volume) Internal Chain of Custody required <u>Yes</u> No															



LLI Sample No. SW 2461411

Collected: 2/22/96 at 07:45 by SSR

Submitted: 2/28/96 Reported: 2/28/96
Discard: 2/28/96

FL 1 @ 1" Grab Soil Sample

ATL: 610 Old York Rd PA

Account No: 08475
SUN: Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O.
Ref.

AT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
5303	Benzene	N.D.	5.	ug/kg	N.D.	5.
5304	Toluene	N.D.	5.	ug/kg	N.D.	5.
5306	Ethylbenzene	N.D.	5.	ug/kg	N.D.	5.
5327	Total Xylenes	N.D.	15.	ug/kg	N.D.	16.
5326	TPH by GC - GRO (Soils)	N.D.	1.	mg/kg	N.D.	1.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
2111	Moisture	5.0	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE						
CAT NO	ANALYSIS NAME	METHOD	TRIAL	DATE AND TIME	ANALYST	
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 9020A, mod.	1	02/22/96 1837	Dawn Boley	
2111	Moisture	EPA 160.3 modified	1	02/27/96 0429	Lee L. Munro	

1 COPY TO SUN: Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:52:24 0 0001 2 119586 503644
954 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Cotello, B.S.
Group Leader



Lancaster Laboratories
2425 New Howard Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2668

See reverse side for explanation of symbols and abbreviations

2216 Rev 10/30/95





Lancaster Laboratories

A Thermo Analytical Laboratory

LLI Sample No. SW 2461412

Collected: 2/13/96 at 07:50 by SSR

Submitted: 2/15/96 Reported: 2/28/96

Discard: 3/14/96

TL-2 @ 1' Grab Soil Sample

ATL: 610 Old York Rd. PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.
410 Egleview Blvd., Ste. 110
Exton PA 19341

P.O.
Ref.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2503	Benzene	N.D.	100.	ug/kg	N.D.	100.
2504	Toluene	700.	100.	ug/kg	800.	100.
2506	Ethylbenzene	1,800.	100.	ug/kg	2,100.	100.
5327	Total Xylenes	16,000.	300.	ug/kg	19,000.	350.
5326	TPH by GC - GRO (Soils)	120.	20.	mg/kg	150.	20.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
Due to interferences from the sample matrix, the limit of quantitation for the benzene determination was increased.						
2111	Moisture	15.0	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO.	ANALYSIS NAME	METHOD	TRIAL	DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 3C20A, mod.	1	02/22/96 2017	Dawn Boley
2111	Moisture	EPA 160.3 modified	1	02/27/96 0434	Lee L. Munro

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:52:37 D 0001 2 119586 503544
854 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Coletto, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17605-2425
717-656-2300 Fax 717-656-2661

See a separate page for explanation of symbols and abbreviations

2216 Rev 10/30/95



FEB 28 1996

For LLI use only
Acct. # 8475 Sample # 2458591-43

Please print. Instructions on reverse side correspond with circled numbers.

Client <u>SUN - GES</u>		Acct # <u>8475</u>		For LLI use only FSC: _____ SCR #: _____									
Project Name/## <u>NYL 610 ck York Rd</u>		PWSID # _____											
Project Manager <u>M. Haslett</u>		PO # _____											
Sampler <u>B. Rider</u>		Quote # _____											
Name of state where samples were collected <u>PA</u>													

Sample Identification	Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total	Container	For LLI use only FSC: _____ SCR #: _____	
<u>Disp-1 @ 1'</u>	<u>2/3/96</u>	<u>835</u>	X	X				1	X		<u>1 125 mL jar</u> <u>↓</u> <u>2.5°C</u> <u>HAB</u> <u>2/4/96</u>
<u>Disp-2 @ 1'</u>	<u>↓</u>	<u>840</u>	X	X				1	X		
<u>Disp-3 @ 1'</u>	<u>↓</u>	<u>845</u>	X	X				1	X		

Turnaround Time Requested (TAT) (please circle) <u>Normal</u> Rush (Rush TAT is subject to LLI approval and surcharge) Date results are needed _____ Rush results requested by (please circle) Phone _____ Fax _____ Phone # _____ Fax # _____		Relinquished by <u>[Signature]</u> Relinquished by <u>[Signature]</u> Relinquished by <u>[Signature]</u> Relinquished by _____		Date <u>2/8/96</u> Date <u>2-5-96</u> Date <u>2/4/96</u> Date _____	Time <u>1200</u> Time <u>545</u> Time <u>1700</u> Time _____	Received by <u>Locked Refrigerator</u> Received by <u>[Signature]</u> Received by _____ Received by <u>[Signature]</u>	Date <u>2/8/96</u> Date <u>2/4/96</u> Date _____ Date <u>2-8-96</u>	Time <u>1200</u> Time <u>745</u> Time _____ Time <u>1730</u>
---	--	---	--	--	---	---	--	---

Data Package Options (please circle if requested) QC Summary Type VI Type I (Tier I) GLP Type II (Tier II) Other Type III (NJ Red Del) Type IV (CLP)		SDG Complete? Yes No Site-specific QC required? Yes No (If yes, indicate QC sample and submit triplicate volume) Internal Chain of Custody required? Yes No
--	--	--



LLI Sample No. SW 2458591

Collected: 2/ 8/96 at 08:35 by BR

Submitted: 2/ 9/96 Reported: 2/26/96

Discard: 3/12/96

Disp'd @ 1' Grab Soil Sample

At: 610 Old York Rd, PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. 610 OLD YORK RD

Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	80.	50.	ug/kg	100.	60.
2604	Toluene	2,500.	50.	ug/kg	3,000.	60.
2606	Ethylbenzene	2,500.	50.	ug/kg	3,000.	60.
5327	Total Xylenes	17,000.	150.	ug/kg	21,000.	180.
5326	TPH by GC - GRO (Soils)	170.	10.	mg/kg	200.	10.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
2111	Moisture	18.8	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	02/12/96 1608	Dawn Boley
2111	Moisture	EPA 160.3 modified	1	02/21/96 0531	Lee L. Munro

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetter at (717) 656-2300
04:52:33 D 0001 3 119586 502915
875 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17617-1425
(717) 656-2300 Fax (717) 656-1103

See also the following website for accreditation

2014 Rev. 10/30/95



LLI Sample No. SW 2458592

Collected: 2/ 8/96 at 08:40 by BR

Submitted: 2/ 9/96 Reported: 2/26/96

Discard: 3/12/96

Disp-2 @ 1' Grab Soil Sample

Att: 610 Old York Rd, PA

Account No: 08475
SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	600.	500.	ug/kg	700.	600.
2604	Toluene	43,000.	500.	ug/kg	51,000.	600.
2606	Ethylbenzene	34,000.	500.	ug/kg	41,000.	600.
5327	Total xylenes	210,000.	1,500.	ug/kg	250,000.	1,800.
5326	TPH by GC - GRO (Soils)	1,100.	100.	mg/kg	1,300.	100.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
2111	Moisture	16.4	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	02/12/96 1902	Dawn Boley
2111	Moisture	EPA 160.3 modified	1	02/21/96 0554	Lee L. Munro

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 650-2300
04:52:44 D 0001 3 119586 502915
875 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17601-2425
717-650-2300 Fax 717-650-1668

Method: EPA 821-1, EPA 821-2, EPA 821-3, EPA 821-4, EPA 821-5, EPA 821-6, EPA 821-7, EPA 821-8, EPA 821-9, EPA 821-10, EPA 821-11, EPA 821-12, EPA 821-13, EPA 821-14, EPA 821-15, EPA 821-16, EPA 821-17, EPA 821-18, EPA 821-19, EPA 821-20, EPA 821-21, EPA 821-22, EPA 821-23, EPA 821-24, EPA 821-25, EPA 821-26, EPA 821-27, EPA 821-28, EPA 821-29, EPA 821-30, EPA 821-31, EPA 821-32, EPA 821-33, EPA 821-34, EPA 821-35, EPA 821-36, EPA 821-37, EPA 821-38, EPA 821-39, EPA 821-40, EPA 821-41, EPA 821-42, EPA 821-43, EPA 821-44, EPA 821-45, EPA 821-46, EPA 821-47, EPA 821-48, EPA 821-49, EPA 821-50, EPA 821-51, EPA 821-52, EPA 821-53, EPA 821-54, EPA 821-55, EPA 821-56, EPA 821-57, EPA 821-58, EPA 821-59, EPA 821-60, EPA 821-61, EPA 821-62, EPA 821-63, EPA 821-64, EPA 821-65, EPA 821-66, EPA 821-67, EPA 821-68, EPA 821-69, EPA 821-70, EPA 821-71, EPA 821-72, EPA 821-73, EPA 821-74, EPA 821-75, EPA 821-76, EPA 821-77, EPA 821-78, EPA 821-79, EPA 821-80, EPA 821-81, EPA 821-82, EPA 821-83, EPA 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LLI Sample No. SW 2458593

Collected: 2/ 8/96 at 08:45 by BR

Submitted: 2/ 9/96 Reported: 2/26/96

Discard: 3/12/96

Disp-3 @ 1' Grab Soil Sample

Atl: 610 Old York Rd, PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
5325	TPH-GRO API & BTEX (Soils)					
2603	Benzene	200.	100.	ug/kg	200.	100.
2604	Toluene	11,000.	100.	ug/kg	14,000.	100.
2606	Ethylbenzene	8,900.	100.	ug/kg	10,000.	100.
5327	Total Xylenes	54,000.	300.	ug/kg	63,000.	350.
5326	TPH by GC - GRO (Soils)	270.	20.	mg/kg	310.	20.
According to the API Protocol, the quantitation for Gasoline Range Organics was performed using the total peak area of the sample pattern between 2-methylpentane and 1,2,4-trimethylbenzene.						
2111	Moisture	15.0	0.5	% by wt.		
"Moisture" represents the loss in weight of the sample after drying with an infrared lamp at 150 degrees Celsius.						

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	02/12/96 1935	Dawn Soley
2111	Moisture	EPA 160.3 modified	1	02/21/96 0603	Lee L. Munro

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
04:52:55 D 0001 3 119586 502915
875 55.20 00005520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Lancaster Laboratories
2425 New Holland Pk -
PO Box 12425
Lancaster, PA 17603-2425
(717) 656-2300 Fax (717) 656-2301

For a complete explanation of symbols and abbreviations

22 of 26 10:30:55





LLI Sample No. SW 2458593

Collected: 2/ 8/96 at 08:45 by BR

Submitted: 2/ 9/96 Reported: 2/26/96
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Disp-3 @ 1' Grab Soil Sample

At: 610 Old York Rd, PA

Account No: 08475
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P.O. 610 OLD YORK RD
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
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5327	Total Xylenes	54,000.	300.	ug/kg	63,000.	350.
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LABORATORY CHRONICLE						
CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST	
5325	TPH-GRO API & BTEX (Soils)	API Rev 6 / SW-846 8020A, mod.	1	02/12/96 1935	Dawn Boley	
2111	Moisture	EPA 160.3 modified	1	02/21/96 0603	Lee L. Munro	

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

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875 55.20 00005520 ASR000



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Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



Analysis Request/ Environmental Services Chain of Custody



DEC 18 1995

For LLI use only
Acct. # 8475 Sample # 7424904-01

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: <u>SUN - GES</u> Acct #: <u>8475</u> Project Name/#: <u>ATC WINDMILLER</u> PWSID #: _____ Project Manager: <u>MD HASLERT</u> P.O. #: _____ Sampler: <u>MD HASLERT</u> Quote #: _____ Name of state where samples were collected: <u>PA</u>		(4) Magn: <u>4</u> (5) <u>TPH 418.1</u> <u>LEAD</u>		For LLI use only FSC: _____ SCR #: _____									
Sample Identification		Date Collected	Time Collected	Grav	Composite	For	Water	Oil	Total # of Containers	TPH 418.1	LEAD	Remarks	Temperature of samples upon receipt (if requested)
SS-1 @ 8' (w/o)		29 Nov 95	1207	X	X				2	X	X		
SS-2 @ 8' (w/o)			1210						2		X		
SS-3 @ 8' (F/O)			1205						1				
SS-4 @ 8' (F/O)			1200						1				
Left #1 @ 8'			1240						1				
Left #2 @ 8'			1300						1				
Cooler Temp / 1.9°C													
(7) Turnaround Time Requested (TAT) (please circle) <u>Normal</u> Rush (Rush TAT is subject to LLI approval and surcharge) Date results are needed: _____ Rush results requested by (please circle): Phone Fax Phone #: _____ Fax #: _____				Relinquished by: <u>MD HASLERT</u> Date <u>29 Nov 95</u> Time <u>1800</u> Relinquished by: <u>Reynolds</u> Date <u>30-95</u> Time <u>830</u> Relinquished by: <u>[Signature]</u> Date <u>1/30/96</u> Time <u>1430</u>		Received by: <u>Reynolds</u> Date <u>29 Nov 95</u> Time <u>1804</u> Received by: <u>[Signature]</u> Date <u>1/30/96</u> Time <u>855</u> Received by: _____ Date _____ Time _____ Received by: _____ Date _____ Time _____ Received by: _____ Date _____ Time _____							
(8) Data Package Options (please circle if requested) QC Summary Type VI Type I (Tier I) GLP Type II (Tier II) Other Type III (NI Red Del) _____ Site-specific QC required? Yes No (If yes, indicate QC sample and submit triplicate volume)				SDG Complete? Yes No Yes No									



LLI Sample No. SW 2424904

Collected: 11/29/95 at 12:07 by MH

Submitted: 11/30/95 Reported: 12/13/95

Discard: 12/28/95

SS-1 @8' Grab Soil Sample

Atl - Warminster, PA

Account No: 08475
SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. WARMINSTER
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
0155	Lead	N.D.	10.	mg/kg	N.D.	12.
0111	Moisture	19.8	0.5	% by wt.		
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius.					
1562	Petroleum Hydrocarbons	< 20.	20.	mg/kg	< 20.	20.

LABORATORY CHRONICLE

CAT NO	ANALYSIS NAME	METHOD	TRIAL	DATE AND TIME	ANALYST
0155	Lead	SW-846 7420	1	12/07/95 1330	Damary S. Valentin
5709	SW SW846 FAA/Sb by GF Digest	SW-846 3050A	1	12/06/95 2215	Charlotte L. Houck
0111	Moisture	EPA 160.3 (modified)	1	12/05/95 1335	Angela M. Pagan
1562	Petroleum Hydrocarbons	EPA 418.1 (modified)	1	12/11/95 0030	Mark M. Cheyney

1 COPY TO Sun:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
04:32:47 D 0001 6 119586 494285
875 65.20 00006520 ASR000

Respectfully Submitted
Judy A. Colello, B.S.
Group Leader



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2425 New Holland Pike
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717-656-2300 FAX 717-656-2681

See reverse side for explanation of symbols and abbreviations.



#221
9/13/5



Lancaster Laboratories
Where quality is a science.

LLI Sample No. SW 2424905

Collected: 11/29/95 at 12:10 by MH

Submitted: 11/30/95 Reported: 12/13/95

Discard: 12/28/95

SS-2 @8' Grab Soil Sample

Atl - Warminster, PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O. WARMINSTER
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
0155	Lead	N.D.	10.	mg/kg	N.D.	12.
0111	Moisture	18.8	0.5	% by wt.		
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius.					
1562	Petroleum Hydrocarbons	< 20.	20.	mg/kg	< 20.	20.

LABORATORY CHRONICLE

CAT NO.	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS DATE AND TIME	ANALYST
0155	Lead	SW-846 7420	1	12/07/95 1330	Damary S. Valentin
5709	SW SW846 FAA/Sb by GF Digest	SW-846 3050A	1	12/06/95 2215	Charlotte L. Houck
0111	Moisture	EPA 160.1 (modified)	1	12/05/95 1335	Angela M. Pagan
1562	Petroleum Hydrocarbons	EPA 418.1 (modified)	1	12/11/95 0030	Mark M. Cheyney

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative

Eileen R. Hostetler at (717) 656-2300

04:32:57 D 0001 6 119586 494285

875 65.20 00006520 ASR000

Respectfully Submitted
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#221
9/13/95



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Where quality is a science.

LLI Sample No. SW 2424906

Collected: 11/29/95 at 12:05 by MH

Submitted: 11/30/95 Reported: 12/13/95

Discard: 12/28/95

SS-3 @8' Grab Soil Sample

Atl - Warminster, PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. WARMINSTER

Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
0111	Moisture	15.3	0.5	% by wt.		
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius.					
1562	Petroleum Hydrocarbons	< 20.	20.	mg/kg	< 20.	20.

LABORATORY CHRONICLE

CAT NO.	ANALYSIS NAME	METHOD	ANALYSIS		
			TRIAL	DATE AND TIME	ANALYST
0111	Moisture	EPA 160.3 (modified)	1	12/05/95 1335	Angela M. Pagen
1562	Petroleum Hydrocarbons	EPA 418.1 (modified)	1	12/11/95 0030	Mark M. Cheyney

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
 Eileen R. Hostetler at (717) 656-2300
 04:33:06 D 0001 6 119586 494285
 875 45.70 00004570 ASR000

Respectfully Submitted
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#221
 9/13/95



Lancaster Laboratories

Where quality is a science.

LLI Sample No. SW 2424907

Collected: 11/29/95 at 12:00 by MM

Submitted: 11/30/95 Reported: 12/13/95

Discard: 12/28/95

SS-4 28' Grab Soil Sample

Atl - Warminster, PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. WARMINSTER
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
0111	Moisture	13.6	0.5	% by wt.		
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius.					
1562	Petroleum Hydrocarbons	20	20.	mg/kg	< 20.	20.

LABORATORY CHRONICLE

CAT NO.	ANALYSIS NAME	METHOD	ANALYSIS		
			TRIAL	DATE AND TIME	ANALYST
0111	Moisture	EPA 160.3 (modified)	1	12/05/95 1335	Angela M. Pagan
1562	Petroleum Hydrocarbons	EPA 418.1 (modified)	1	12/11/95 0030	Mark M. Cheyney

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
04:33:14 D 0001 6 119586 494285
875 45.70 00004570 ASR000

Respectfully Submitted
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#221:
9/13/9



Lancaster Laboratories

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LLI Sample No. SW 2424908

Collected: 11/29/95 at 12:40 by MH

Submitted: 11/30/95 Reported: 12/13/95

Discard: 12/28/95

Left #1 @8' Grab Soil Sample

Atl - Warminster, PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.

410 Eagleview Blvd., Ste. 110

Exton PA 19341

P.O. WARMINSTER

Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
0111	Moisture	20.3	0.5	% by wt.		
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius.					
1562	Petroleum Hydrocarbons	2,000	200.	mg/kg	2,500.	300.

LABORATORY CHRONICLE

CAT NO.	ANALYSIS NAME	METHOD	ANALYSIS		
			TRIAL	DATE AND TIME	ANALYST
0111	Moisture	EPA 160.3 (modified)	1	12/05/95 1335	Angele M. Pagen
1562	Petroleum Hydrocarbons	EPA 418.1 (modified)	1	12/11/95 0030	Mark M. Cheyney

1 COPY TO SUN:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative
 Eileen R. Hostettler at (717) 656-2300
 04:33:22 D 0001 6 119586 494285
 875 45.70 00004570 ASR000

Respectfully Submitted
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#2216
 9/13/95



LLI Sample No. SW 2424909

Collected: 11/29/95 at 13:00 by MH

Submitted: 11/30/95 Reported: 12/13/95

Discard: 12/28/95

Left #2 @8' Grab Soil Sample

Atl - Warminster, PA

Account No: 08475

SUN:Groundwater & Enviro. Svc.
410 Eagleview Blvd., Ste. 110
Exton PA 19341P.O. WARMINSTER
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED			DRY WEIGHT	
		RESULTS	LIMIT OF QUANTITATION	UNITS	RESULTS	LIMIT OF QUANTITATION
0111	Moisture	16.8	0.5	% by wt.		
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius.					
1562	Petroleum Hydrocarbons	< 20	20.	mg/kg	< 20.	20.

LABORATORY CHRONICLE

CAT NO.	ANALYSIS NAME	METHOD	ANALYSIS		
			TRIAL	DATE AND TIME	ANALYST
0111	Moisture	EPA 160.3 (modified)	1	12/05/95 1335	Angela M. Pagan
1562	Petroleum Hydrocarbons	EPA 418.1 (modified)	1	12/11/95 0030	Mark M. Cheyney

1 COPY TO Sun:Groundwater & Enviro. Svc. ATTN: Mr. Mark Haslett

Questions? Contact your Client Services Representative

Eileen R. Hostetler at (717) 656-2300

04:33:30 D 0001 6 119586 494285

875 45.70 00004570 ASR000

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See reverse side for explanation of symbols and abbreviations.

#221-
9/13/95