**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,

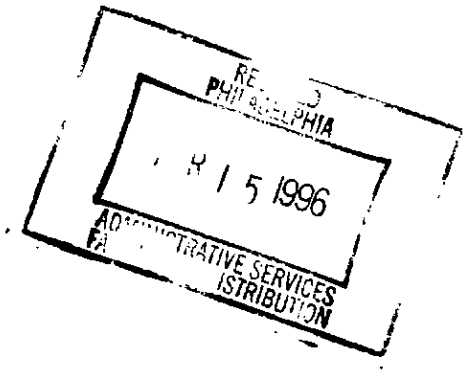
Groundwater & Environmental Services, Inc.

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

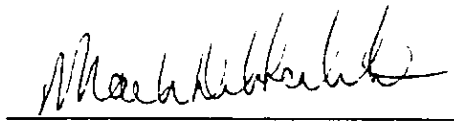
*Prepared For:*

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

ER-BWQ-37 11/93

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 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. | 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 (Check Only One) | a. Removal | ■ | ■ | ■ | ☐ |
| | 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 Numbe
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

ER-AWQ-37 11/93

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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.

I, MARK BETTERIDGE (Print Name), hereby certify, under penalty of law as provided in 18 Pa. C.S. §4904 (relating to unsworn falsification to authorities) that I am the 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

4/7/96 — Date

4675 — Installer Certification Number

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
(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

4/2/96
Date

Geologist
Title of Person Performing Site Assessment



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 | | |
|---|---|---|---|---|
| ☐ | ■ | | 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.

Signature of Person Performing Site Assessment — Date: 4/2/96

Geologist — Title of Person Performing Site Assessment

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.

(GES)
Signature of Person Performing Site Assessment

4/2/96
Date

Geologist
Title of Person Performing Site Assessment



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

(GES)
Signature of Person Performing Site Assessment

4/2/96
Date

Geologist
Title of Person Performing Site Assessment



GES, Inc.
Name of Company Performing Site Assessment

# TABLES

COMMONWEALTH OF PENNSYVLANIA
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 ug/kg | 27-Feb-96 | 1-Mar-96 |
| | Toluene | API | soil | 270 µg/kg | 6 ug/kg | 27-Feb-96 | 1-Mar-96 |
| | Ethylbenzene | API | soil | 120 µg/kg | 6 ug/kg | 27-Feb-96 | 1-Mar-96 |
| | Xylenes | API | soil | 830 µg/kg | 19 ug/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 ug/kg | 100 ug/kg | 27-Feb-96 | 4-Mar-96 |
| | Toluene | API | soil | 300 ug/kg | 100 ug/kg | 27-Feb-96 | 4-Mar-96 |
| | Ethylbenzene | API | soil | 3,400 ug/kg | 100 ug/kg | 27-Feb-96 | 4-Mar-96 |
| | Xylenes | API | soil | 17,000 ug/kg | 380 ug/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 ug/kg | 6 ug/kg | 27-Feb-96 | 1-Mar-96 |
| | Toluene | API | soil | < 6 ug/kg | 6 ug/kg | 27-Feb-96 | 1-Mar-96 |
| | Ethylbenzene | API | soil | < 6 ug/kg | 6 ug/kg | 27-Feb-96 | 1-Mar-96 |
| | Xylenes | API | soil | < 19 ug/kg | 19 ug/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 PENNSYVLANIA
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 u/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 PENNSYVLANIA
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 PENNSYVLANIA
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

GES GROUNDWATER AND ENVIRONMENTAL SERVICES, INC

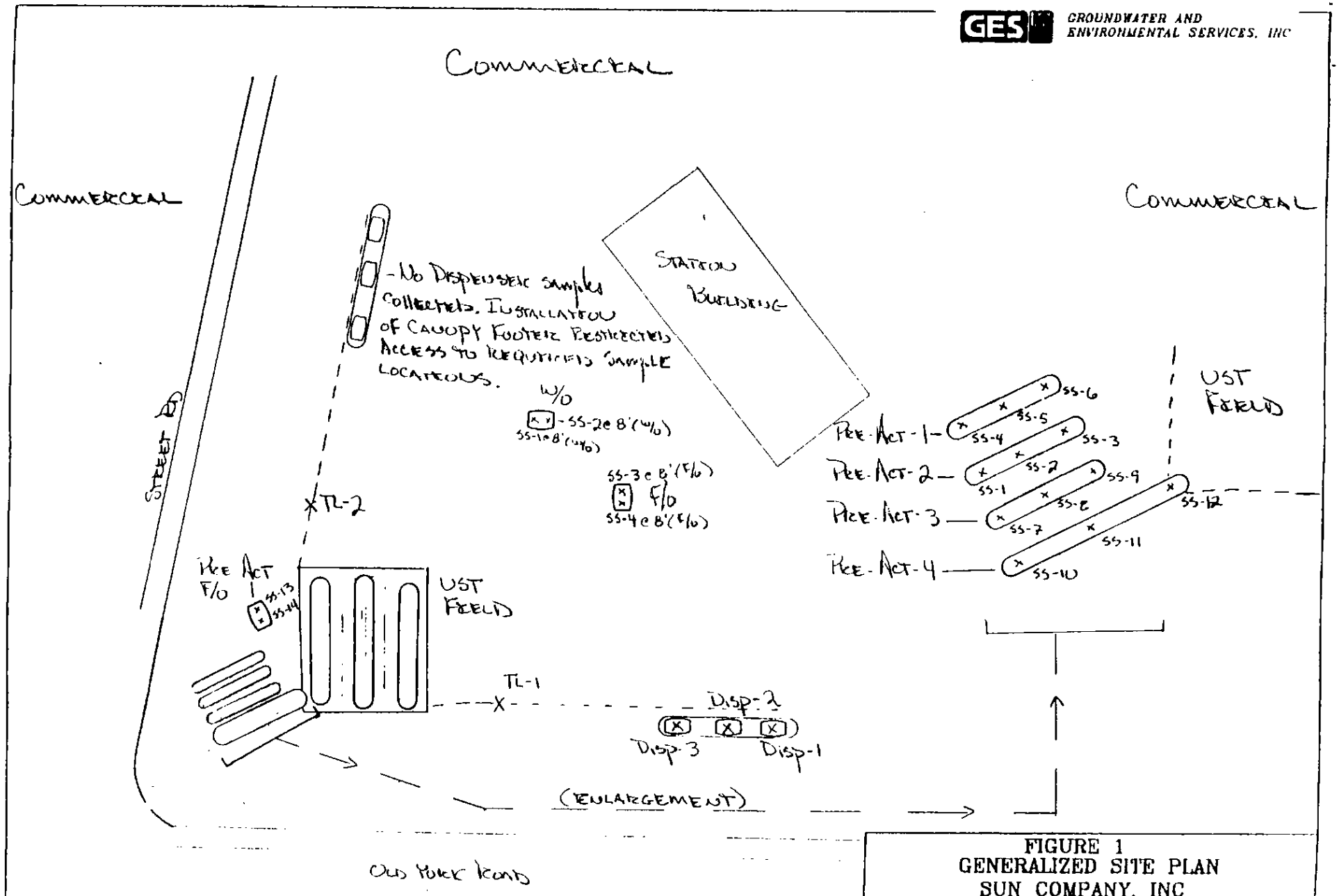


**FIGURE 1**
**GENERALIZED SITE PLAN**
**SUN COMPANY, INC**

| | |
|---|---|
| NORTH | ATLANTIC STATION #0364-1404 |
| APPROX SCALE | 610 OLD YORK ROAD |
| | WARMINSTER, PA |

# APPENDIX A

# PHOTOGRAPHIC LOGS

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

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

PRE-HOT TANKS
THREE 5,000 GAL. STEEL USTs

PRE-HOT TANK
ONE 4,000 GAL. STEEL UST

PLATE 2
PHOTOGRAPHIC LOG
ATLANTIC STATION #0380-5-30
610 OLD YORK ROAD
WARMINSTER, PENNSYLVANIA

# APPENDIX B

# WASTE DISPOSAL DOCUMENTATION

LORCO PETROLEUM SERVICES
RD1 Box 5A
Old Bridge, N.J. 08857
(908) 721-0900
Fax (908) 721-0221

STANDARD COLLECTION ORDER FORM

117440

OFFICE USE ONLY

GENERATOR/LOCATION

NAME

INFORMATION/ATTENTION LINE

ADDRESS

CITY | STATE | ZIP

PHONE NUMBER | PURCHASE ORDER NUMBER

USA EPA ID NO. (IF APPLICABLE) | STATE ID NO.

BILL TO (IF DIFFERENT FROM LOCATION)

NAME

INFORMATION/ATTENTION LINE

ADDRESS

CITY | STATE | ZIP

PHONE NUMBER | PURCHASE ORDER NUMBER

MANIFEST NUMBER

## SHIPPING INFORMATION

The above 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 | X723 | 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 | QACC ANALYTICAL TESTING | | | | | | |
| 41504 | TANK CLEANING | | | | | | |
| 41505 | CONFINED SPACE ENTRY | | | | | | |
| 42000 | MANIFEST PROCESSING FEE | | | | | | |
| 42001 | DEXSIL TEST KIT | | | | | | |
| | | | | | | | |

Runabout Separator Cones

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 1½% PER MONTH (18% 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 LORCO 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 X723
In accordance 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

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.

GENERATOR'S SIGNATURE

**LARGE QUANTITY GENERATOR CERTIFICATION**

DEXSIL CDT TEST RESULTS

N/A PPM

CUSTOMER

**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 CFR 266 § 43(5) LORCO has notified the US EPA of its location and used oil management activities.

Chuck Clayton
Print Name

Signature | Date

LORCO REPRESENTATIVE

LORCO PETROLEUM SERVICES
RD1 Box 5A
Old Bridge, N.J. 08857
(908) 721-0900
Fax (908) 721-0231

STANDARD COLLECTION ORDER FORM

114090

OFFICE USE ONLY

## GENERATOR/LOCATION

NAME: Sunoco
INFORMATION/ATTENTION LINE:
ACCOUNT APPROVAL CODE:
DELIVERY ADDRESS: 620 York Rd
CITY: Warminster STATE: PA ZIP:
PHONE NUMBER:
PURCHASE ORDER NUMBER:
USA EPA ID NO. (IF APPLICABLE):
STATE ID NO:

## BILL TO (IF DIFFERENT FROM LOCATION)

NAME: Salomone
INFORMATION/ATTENTION LINE:
ACCOUNT APPROVAL CODE: 1335
DELIVERY ADDRESS:
CITY: STATE: ZIP:
PHONE NUMBER:
PURCHASE ORDER NUMBER:

MANIFEST NUMBER: 2971152

## 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 | X722 | 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 | | 1 7:30am 3:30pm | | | | |
| 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 XT-72 NS Truck ID.

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 1½% PER MONTH (18% 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 ATTORNEYS FEES.

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED LORCO 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, ATTORNEYS 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 the N.J.A.C. 7:26-12.1 et seq. LORCO has the required permits to accept the above described waste.

Robert [illegible]
Print Name / Title

[signature] 11-29-95
Signature / Date

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.

[signature]
GENERATOR'S SIGNATURE

### LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT TEST RESULTS

N/A PPM

CUSTOMER

### 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 CFR 266 § 43(5) LORCO has notified the US EPA of its location and used oil management activities.

Anibal Vazquez
Print Name

[signature] 11-29-95
Signature / Date

LORCO REPRESENTATIVE

DATE RECEIVED 8/20/05

Waste Oil & Solvent Tank

SCALE RECEIVING TICKET NO.

**DEPENDABLE IRON & METAL CO., INC.**

P.O. BOX 1012 • RAHWAY, N.J. 07065

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

№ 29313

595 - 336 - PA

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| VENDOR NAME | Sell | | | VENDOR NUMBER | | INVENTORY CODE | |
| PRODUCT DESCRIPTION | Wmp | | 595-336-11 | | | | |
| PRODUCT NUMBER | 0 | | | | | | |
| GROSS LBS. | 49600 | | | | | | |
| TARE LBS. | 40000 | | | | | | |
| NET LBS. | 9600 | | | | | | |
| DEDUCTIONS | | | | | | | |
| GROSS TONS | | | | | | | |
| UNIT PRICE | | PER | | PER | | PER | |
| $ AMOUNT | | TERMS* | | TERMS* | | TERMS* | |
| SELLERS' SIGNATURE FOR CASH RECEIVED | | | | | | | |

*TERMS: C = CASH CK = CHECK P = PAYABLE O = OPEN

GRAND TOTAL

LORCO PETROLEUM SERVICES
RD1 Box 5A
Old Bridge, N.J. 08857
(908) 721 0900
Fax (908) 721 4041

PAGE: 1

# INVOICE
0124167-IN

| SALESPERSON | DATE OF SERVICE |
|---|---|
| MS | 02/27/96 |

JOB SITE
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 PAST DUE BALANCES

*Thank You!*

RETURN YELLOW COPY WITH PAYMENT

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

Phone 949-1191

DATE 3/28/96 NUMBER 105431

EXTRA Tanks

SALESMAN

CWA Allentown Tanks

595 - 336 - PA

| GROSS | TARE | NET | DESCRIPTION | PRICE | AMOUNT |
|---|---|---|---|---|---|
| 45200 | 39080 | 6120 #1 steel | | 2.00 | 122.40 |
| | | | | TOTAL $ | 122.40 |

Apr 2 '96 14:08 P.02

Fax:1-201-305-0510

Apr 2 '96 14:36 P.01

Fax:1-201-305-0510

3/28/96

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

Phone 949-1191

Wastewater Tanks

EXTRA TANKS

105465

SALAMONE

595-336-PA

| GROSS | TARE | NET | DESCRIPTION | PRICE | AMOUNT |
|---|---|---|---|---|---|
| 43000 | 39500 | 3500 | Bl 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 17601
717-656-2300 Fax 717-656-2681

# Analysis Request/Environmental Services Chain of Custody

**Lancaster Laboratories**
*A Thermo Analytical Laboratory*

APR 03 1995

For LLI use only
Acct. # 8475 Sample # 246982-75

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

(1) Client: SUN - GES Acct # 8475
Project Name/# ATL Stall 610 Old York Rd PWSID #
Project Manager MARK HASLETTE PO #
Sampler RON DeLuFENNA Quote #
Name of state where samples were collected PA

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Comp | Soil | Water | Oil | Total # Containers | (4) Matrix | (5) Analysis Requested | For LLI use only FSC. SCR #:

| Sample Identification | Date Collected | Time Collected | Grab | Comp | Soil | Water | Oil | Total # Containers | Matrix | Analysis Requested | For LLI use only |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SS-1 (12') | 2/21/96 | 1126 | X | | X | | | 1 | X | BTEX GRO | 1-12S MC 9711 |
| SS-2 (12') | | 1130 | | | | | | 1 | X | X | |
| SS-3 (12') | | 1136 | | | | | | 1 | X | X | |
| SS-4 (12') | | 1340 | | | | | | 1 | X | X | |
| SS-5 (12') | | 1343 | | | | | | 1 | X | X | |
| SS-6 (12') | | 1346 | | | | | | 1 | X | X | |
| SS-7 (12') | | 1436 | | | | | | 1 | X | X | |
| SS-8 (12') | | 1440 | | | | | | 1 | X | X | |
| SS-9 (12') | | 1442 | | | | | | 1 | X | X | |
| SS-10 (12') | | 1536 | | | | | | 1 | X | X | |

(7) **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 | Date | Time | Received by | Date | Time |
|---|---|---|---|---|---|
| | 2/24/96 | 930 | FEDEX | 2/24/96 | 8:00 |
| | 2-28-96 | 1030 | | 2/28/96 | 1030 |
| | 2/28/96 | 1345 | | | |
| | | | | | |
| | | | | 2-28-96 | 1345 |

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300 Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client. 2102 Rev. 6 1/95

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.

| CAT NO. | ANALYSIS NAME | AS RECEIVED 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 | TRIAL | ANALYSIS 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. Hostetler at (717) 656-2300
03:14:46 D 0001 14 119586 505239
854 48.00 00004800 ASR000

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

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

# Lancaster Laboratories
*A Thermo Analytical Laboratory*

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.

| CAT NO. | ANALYSIS NAME | AS RECEIVED 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 | TRIAL | ANALYSIS DATE AND TIME | ANALYST |
|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | API Rev 6 / SW-846 8020A, mod. | 1 | 03/01/96 1324 | Matthew E. Barton |

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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

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# Lancaster Laboratories
*A Thermo Analytical Laboratory*

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 RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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 8020A, mod. | 1 | 03/01/96 1324 | Matthew E. Barton |
| 2111 | Moisture | EPA 160.3 modified | 1 | 03/01/96 1623 | Roxanne M. Roth |

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Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:15:21 D 0001 14 119586 505239
854 55.20 00005520 ASR000

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717-656-2300 Fax 717-656-2681

# Lancaster Laboratories
*A Thermo Analytical Laboratory*

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 RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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 | 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 |

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Questions? Contact your Client Services Representative
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Respectfully Submitted
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Group Leader



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

# Lancaster Laboratories
A Thermo Analytical Laboratory

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 RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT LIM QUANT |
|---|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | | | | | |
| 2603 | Benzene | < 100. | 100. | ug/kg | < 100. | 1C |
| 2604 | Toluene | 300. | 100. | ug/kg | 300. | 1C |
| 2606 | Ethylbenzene | 2,700. | 100. | ug/kg | 3,400. | 1C |
| 5327 | Total Xylenes | 14,000. | 100. | ug/kg | 17,000. | 1C |
| 5326 | TPH by GC - GRO (Soils) | 160. | 20. | mg/kg | 200. | 38 |
| | 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. | | | | | 3C |
| 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 |

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Questions? Contact your Client Services Representative
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854 55.20 00005520 ASR000 119586 505239

MEMBER ACIL

Lancaster Laboratories
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PO Box 12425
Lancaster PA 17605-2425
(717)656-2300

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

Lancaster Laboratories
A Thermo Analytical Laboratory

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 RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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 | TRIAL | ANALYSIS DATE AND TIME | ANALYST |
|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | API Rev 6 / SW-846 8020A, mod. | 1 | 03/01/96 1436 | Matthew E. Barton |
| 2111 | Moisture | EPA 160.3 modified | 1 | 03/01/96 1710 | Roxanne M. Roth |

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Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:16:04 D 0001 14 119586 505239
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PO Box 12425
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717-656-2300 Fax 717-656-2681

# Lancaster Laboratories
*A Thermo Analytical Laboratory*

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
Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT LIMIT OF QUANTITATION |
|---|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | | | | | |
| 2603 | Benzene | 25. | 5. | ug/kg | 31. | 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 |

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Questions? Contact your Client Services Representative
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03:10:24 D 0001 14 119586 505239
854 55.20 00005520 ASR000

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717 656-2300 Fax 717 656-1681

Lancaster Laboratories
A Thermo Analytical Laboratory

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
Rel.

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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 | 18,000. | 500. | ug/kg | 24,000. | 700. |
| 5327 | Total Xylenes | 110,000. | 1,500. | 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 |

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Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:16:42 D 0001 14 119586 505239
854 55.20 00005520 ASR000

Respectfully Submitted
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Lancaster PA 17605-2425
717-656-2300 Fax

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 RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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 50 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 |

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Questions? Contact your Client Services Representative
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03:17:02 D 0001 14 119586 505239
854 55.20 00005520 ASR000

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

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
Exton PA 19341

P.O. 610 OLD YORK RD
Rel.

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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. | 1,500. | 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 |

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Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
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854 55.20 00005520 ASR000

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(717)656-2300

# 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) | | | |
| 2603 | Benzene | N.D. | 500. | ug/kg |
| 2604 | Toluene | 700. | 500. | ug/kg |
| 2606 | Ethylbenzene | 4,900. | 500. | ug/kg |
| 5327 | Total Xylenes | 17,000. | 1,500. | ug/kg |
| 5326 | TPH by GC - GRO (Soils) | 400. | 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 NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS DATE AND TIME | ANALY |
|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | API Rev 6 / SW-846 8020A, mod. | 1 | 03/04/96 1358 | Matth |
| 2111 | Moisture | EPA 160.3 modified | 1 | 03/01/96 1810 | Roxanr |

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

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:17:02 0 0001 14
854 55.20 00005520 ASR000 11958o 505239

MEMBER ACIL

Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA [illegible]
(717)656-2300 [illegible]

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

# 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
Exton PA 19341

P.O. 610 OLD YORK
Rel.

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGH 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. | | | | | |

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. Hostetler at (717) 656-2300
03:17:22 D 0001 14 119586 505239
854 55.20 00005520 ASR000

MEMBER ACIL

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

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

[illegible] codes and abbreviations

Lancaster Laboratories
*A Thermo Analytical Laboratory*

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 RESULTS | AS RECEIVED LIMIT OF QUANTITATION | AS RECEIVED UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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 | ANALYSIS DATE AND TIME | ANALYST |
|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | API Rev 6 / SW-846 8020A, 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

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

# 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.

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | AS RECEIVED LIMIT OF QUANTITATION | AS RECEIVED UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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. | 1,800. |
| 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.

| | | | | | | |
|---|---|---|---|---|---|---|
| 2111 | Moisture | 17.7 | 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 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) 656-2300
03:17:59 D 0001 14 119586 505239
854 55.20 00005520 ASR000

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

# Lancaster Laboratories
*A Thermo Analytical Laboratory*

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 RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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 | ANALYSIS 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 D 0001 14 119586 505239
854 55.20 00005520 ASR000

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

MEMBER ACIL
Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17605-2425
(717)656-2300

Lancaster Laboratories
A Thermo Analytical Laboratory

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
Rel.

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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

MEMBER ACIL
Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
(717)656-2300 Fax (717)656-[illegible]

# Lancaster Laboratories
*A Thermo Analytical Laboratory*

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 RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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

MEMBER ACIL
Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster PA 17605-2425
717-656-2300

# Analytical Request / Environmental Services Chain of Custody

**Lancaster Laboratories**
*A Thermo Analytical Laboratory*

MAR 07 1996

For LLI use only
Acct. # 8475 Sample # 246411-12

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

(1) Client: SUN - GES — Acct # 8475
Project Name/# ATC 620 Old York Rd — PWSID #
Project Manager: Mark Haskell — PO #
Sampler: Brian S Rickon — Quote #
Name of state where samples were collected: PA

(2) Sample Identification | Time Collected | (3) Lab | Composite | (4) Matrix: Soil, Water, Other | No. of Containers | (5) Analysis: BTEX 1820 | For LLI use only: FSC: SCR #: | Remarks

| Sample Identification | Time Collected | Lab | Composite | Soil | Water | Other | No. of Containers | BTEX 1820 | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| TL-1 @ 1' | 2/13/96 1145 | X | | X | | | 1 | X | 1 125 ml Jar |
| TL-2 @ 1' | 2/13/96 750 | X | | X | | | 1 | X | 1 125 ml Jar |

DGP 2/15/96

(7) **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 | Date | Time | Received by | Date | Time |
|---|---|---|---|---|---|
| | 2/14/96 | 1500 | locked Refrigerator | 2/14/96 | 1500 |
| Relinquished by | 2-15-96 | 1000 | | 2/16/96 | 1 cm |
| Relinquished by | 2/15/96 | 1645 | | | |
| Relinquished by | | | | | |
| Relinquished by | | | Received by | 2/15/96 | 1645 |

Lancaster Laboratories
A Thermo Analytical Laboratory

LLI Sample No. SW 2461411
Collected: [illegible] at 07:45 by GSR

Submitted: [illegible] Reported: 2/28/96
Discard: [illegible]

TL 1 @ 1° Grab [illegible] Sample

ATT: 610 Old [illegible] PA

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

P.O.
Rel.

| CAT NO | ANALYSIS NAME | AS RECEIVED RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | LIMIT OF QUANTITATION |
|---|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | | | | | |
| 2603 | Benzene | N.D. | 5. | ug/kg | N.D. | 5. |
| 2604 | Toluene | N.D. | 5. | ug/kg | N.D. | 5. |
| 2606 | Ethylbenzene | N.D. | 5. | ug/kg | N.D. | 5. |
| 5327 | Total Xylenes | N.D. | 15. | ug/kg | N.D. | 5. |
| 5326 | TPH by GC - GRO (Soils) | N.D. | 1. | mg/kg | N.D. | 16. |
| | 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. | | | | N.D. | 1. |
| 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 | ANALYSIS DATE AND TIME | ANALYST |
|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | API Rev 6 / SW-846 8020A, mod. | 1 | 02/22/96 1837 | Dawn Boley |
| 2111 | Moisture | EPA 160.3 modified | 1 | 02/27/96 0829 | Lee L. Munro |

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

Questions? Contract your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
03:52:24 0 0001 2 119586 503644
854 55.20 00005520 ASR000

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

MEMBER ACIL
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2425 New Holland Pike
PO Box 12425
Lancaster PA [illegible]
717-656-2300 Fax [illegible]

# 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 Eagleview Blvd., Ste. 110
Exton PA 19341

P.O.
Rel.

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT LIMIT OF QUANTITATION |
|---|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | | | | | |
| 2003 | Benzene | N.D. | 100. | ug/kg | N.D. | 100. |
| 2004 | Toluene | 700. | 100. | ug/kg | 800. | 100. |
| 2006 | 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 | ANALYSIS DATE AND TIME | ANALYST |
|---|---|---|---|---|---|
| 5325 | TPH-GRO API & BTEX (Soils) | API Rev 6 / SW-846 8020A, 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 503644
854 55.20 00005520 ASR000

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

# Analysis Request/Environmental Services Chain of Custody

**Lancaster Laboratories**
*A Thermo Analytical Laboratory*

FEB 28 1996

For LLI use only
Acct. # 8475 Sample # 245891-95

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

Client: SUN – GES Acct #: 8475
Project Name/#: PTL Lot Old York Rd PWSID #:
Project Manager: M. Haslett PO #:
Sampler: B. Ricker Quote #:
Name of state where samples were collected: PA

| Sample Identification | Date Collected | Time Collected | (3) Grab | (3) Composite | Soil | Ground Water/Potable Water | Waste Water/NPDES | Other | Total # of Containers | BKT/820 | For LLI use only |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Disp-1 @ 1' | 2/8/96 | 835 | X | | X | | | | 1 | X | 1 125 mL J.C |
| Disp-2 @ 1' | ↓ | 840 | X | | X | | | | 1 | X | |
| Disp-3 @ 1' | | 845 | X | | X | | | | 1 | X | |

2.5 °C HRB 2/9/96

(7) **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 | Date | Time | Received by | Date | Time |
|---|---|---|---|---|---|
| | 2/8/96 | 1200 | Locked Refrigerator | 2/8/96 | 1200 |
| | 2-9-96 | 545 | | 2/9/96 | 7:45 |
| | 2/9/96 | 1700 | | | |
| | | | | | |
| | | | | 2-8-96 | 1715 |

Lancaster Laboratories
A Thermo Analytical Laboratory

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-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. 610 OLD YORK RD
Rel.

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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. Hostetler 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

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

Lancaster Laboratories
A Thermo Analytical Laboratory

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 RESULTS | AS RECEIVED LIMIT OF QUANTITATION | AS RECEIVED UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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) 656-2300
04:52:44 D 0001 3 119586 502915
875 55.20 00005520 ASR000

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

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PO Box 12425
Lancaster PA 17605-2425
717-656-2300 Fax 717-656-2681

# Analysis Request/ Environmental Services Chain of Custod

Lancaster Laboratories
A Thermo Analytical Laboratory

DEC 18 1995

For LLI use only
Acct. # 8475 Sample # 242490

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

(1)
Client: SUN - GES Acct. #: 8475
Project Name/#: ATL WINDMASTER PWSID #:
Project Manager: MD MASCETT P.O.#:
Sampler: MD MASCETT Quote #:
Name of state where samples were collected: PA

(4) Matrix: Potable / Non-Potable / Solid / Oil / Other

(5) Analysis Requested

For LLI use only
FSC:
SCR #:

| (2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | Total # of Containers | TPH 418.1 | LEAD | Remarks | Temperature of samples (°C) upon receipt (if requested) |
|---|---|---|---|---|---|---|---|---|---|
| SS-1C 8' (W/O) | 29Nov95 | 1207 | X | X | 2 | X | X | | |
| SS-2C 8' (W/O) | | 1210 | | | 2 | | X | | |
| SS-3C 8' (F/O) | | 1205 | | | 1 | | | | |
| SS-4C 8' (F/O) | | 1200 | | | 1 | | | | |
| LEFT *1C 8' | | 1240 | | | 1 | | | | |
| LEFT *2C 8' | — | 1300 | — | — | 1 | — | | | |
| | | | | | | | | Cooler Temp 1.9°C | |

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to LLI approval and surchage )
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 (LLI Red. Del.)

SDG Complete? Yes No

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

| Relinquished by | Date | Time | Received by | Date | Time |
|---|---|---|---|---|---|
| MD MASCETT | 29Nov95 | 1800 | REFRIDGE | 29Nov95 | 1804 |
| | 30-95 | 830 | | 11/30/95 | 8:52 |
| | 1/30/95 | 1430 | | | |
| | | | | | |
| | | | | | |

# Lancaster Laboratories
*A Thermo Analytical Laboratory*

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 RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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 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

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
*A Thermo Analytical Laboratory*

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 RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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 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

Questions? Contact your Client Services Representative
Eileen R. Hostetler at (717) 656-2300
04:52:55 D 0001 3 11958o 502915
875 55.20 00005520 ASR000

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

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

# Analysis Request/ Environmental Services Chain of Custod

Lancaster Laboratories
A Thermo Analytical Laboratory

DEC 18 1995

For LLI use only
Acct. # 8475 Sample # 242901-09

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

(1)
Client: SUN - GES Acct #: 8475
Project Name/#: ATL WINDMASTER PWSID #:
Project Manager: MD MASCETT P.O.#:
Sampler: MD MASCETT Quote #:
Name of state where samples were collected: PA

(4) Matrix: Drinking Water | Ground Water | Water | Effluent | Other

(5) Analysis

For LLI use only
FSC:
SCR #:

| (2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | Total # of Containers | TPH 418.1 | LEAD | Remarks | Temperature of samples upon receipt (preservation) |
|---|---|---|---|---|---|---|---|---|---|
| SS-1C 8' (W/O) | 29Nov95 | 1207 | X | | 2 | X | X | | |
| SS-2C 8' (W/O) | | 1240 | | | 2 | | X | | |
| SS-3C 8' (F/O) | | 1205 | | | 1 | | | | |
| SS-4C 8' (F/O) | | 1200 | | | 1 | | | | |
| LEFT *1C 8' | | 1240 | | | 1 | | | | |
| LEFT *2C 8' | | 1300 | | | 1 | | | Collect Temp 1.9°C | |

(7) **Turnaround Time Requested** (TAT) (please circle) Normal Rush
(Rush TAT is subject to LLI approval and surchage)
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.)

SDG Complete? Yes No

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

| Relinquished by: | Date | Time | Received by: | Date | Time |
|---|---|---|---|---|---|
| MD MASCETT | 29Nov95 | 1800 | REFRIDGE | 29Nov95 | 1804 |
| Relinquished by: | Date | Time | Received by: | Date | Time |
| | 30-95 | 830 | | 11/30/95 | 852 |
| Relinquished by: | Date | Time | Received by: | Date | Time |
| | 12/1/95 | 1430 | | | |
| Relinquished by: | Date | Time | Received by | Date | Time |
| Relinquished by: | Date | Time | Received by | Date | Time |

Lancaster Laboratories
Where quality is a science.

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 RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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 | 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 160.3 (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

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

See reverse side for explanation of symbols and abbreviations.

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 RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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 160.3 (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
04:32:57 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
P.O. Box 12425
Lancaster, PA 17605-2425
717-656-2300 FAX 717-656-2681

See reverse side for explanation of symbols and abbreviations

Lancaster Laboratories
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 RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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 | TRIAL | ANALYSIS 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
Judy A. Colello, B.S.
Group Leader

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Lancaster PA 17605-2425
717-656-2300 FAX 717-656-2681

See reverse side for explanation of symbols and abbreviations.

# Lancaster Laboratories

*Where quality is a science.*

LLI Sample No. SW 2424907
Collected: 11/29/95 at 12:00 by MH

Submitted: 11/30/95 Reported: 12/13/95
Discard: 12/28/95

SS-4 @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 RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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 | TRIAL | ANALYSIS 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
Judy A. Colello, B.S.
Group Leader

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

See reverse side for explanation of symbols and abbreviations.

Lancaster Laboratories
*Where quality is a science.*

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 RESULTS | LIMIT OF QUANTITATION | UNITS | DRY WEIGHT 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 | TRIAL | ANALYSIS 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
04:33:22 D 0001 6 119586 494285
875 45.70 00004570 ASR000

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

MEMBER ACIL
Lancaster Laboratories
2425 New Holland Pike
P.O. Box 12425
Lancaster, PA 17605-2425
717-656-2300 FAX 717-656-2681

See reverse side for explanation of symbols and abbreviations.

# Lancaster Laboratories
*Where quality is a science.*

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 19341

P.O. WARMINSTER
Rel.

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | AS RECEIVED LIMIT OF QUANTITATION | UNITS | DRY WEIGHT RESULTS | DRY WEIGHT 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 | TRIAL | ANALYSIS 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

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

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

See reverse side for explanation of symbols and abbreviations.