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ANSON ENVIRONMENTAL LTD.

771 New York Avenue
Huntington, New York 11743
516-351-3555
Fax: 516-351-3615



**Focused Remedial Investigation**
**Soil Report**

**To Comply With:**

**Work Plan for Utility Manufacturing/Wonder King Site**
**Dated: November 1997**

**Site ID No: 1-30-043H**

**Site Location:**

**700-712 Main Street**
**Westbury, New York 11590**

**Prepared by:**

**Anson Environmental Ltd.**

**For:**

**New York State Department of Environmental Conservation**
**Division of Environmental Remediation**
**50 Wolf Road**
**Albany, NY 12233**

**October 2, 1998**
**Revised: August 1999**



*"Your Environmental Partner"*

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*Appendices*

## 1.0 Executive Summary

In accordance with the Phase One Field Investigation of the Work Plan for the Utility Manufacturing/Wonder King Site, dated November 1997 and approved by the NYSDEC, Anson Environmental Ltd. (AEL) completed a series of soil borings and installation of two new groundwater monitoring wells and one perched water monitoring well. The prescribed samples were collected and analyzed for the presence of volatile organic compounds (VOCs) using USEPA methods 8260 and 8270. As the request of the NYSDEC, this report summarizes the findings of the soil portion of the investigation combined with the historical information about the soil on-site.

The sampling conducted in 1998 confirmed earlier findings that there remains no unremediated soil contamination on site. This conclusion is supported by the following information:

-In 1989, soil contamination was satisfactorily remediated from the sanitary system and the drywells by H2M. This information is detailed in Section 3.

-In 45 soil samples collected between 1994 and 1998 by Lawler, Matusky and Skelly Engineers (LMS) under direction of the NYSDEC and AEL, no volatile organic compounds were detected in the soil at concentrations above the NYSDEC Technical and Administrative Memorandum Guidelines (TAGM).

## 2.0 Objectives

The objectives of Phase One of the Focused Remedial Investigation outlined in the Work Plan were as follows:

-Collection of lithological information,
-Collection of soil samples,
-Identification of perched water, if present,
-Determination of groundwater quality, and
-Determination of groundwater flow.

The project was conducted with the oversight of the NYSDEC staff in 1998. This report summarizes the soil portion of the investigation.

## 3.0 Historical File Review

To gather historical information associated with the Utility Manufacturing/Wonder King site, AEL reviewed the following documents that were prepared for the NYSDEC by LMS under work assignment D002676-2.2:

-Site Investigation Report, New Cassel Industrial Area Site, North Hempstead, Nassau County, Site 130043, Dated: February 1995

-Multisite PSA Report, New Cassel Industrial Area Site, North Hempstead, Nassau County, Site 130043, Dated: March 1996

-Multisite PSA Report, New Cassel Industrial Area Site, North Hempstead, Nassau County, Site 130043, Dated: March 1997.

In addition, the files of the Nassau County Department of Health have been reviewed. The files of the Building Department of the Town of North Hempstead have been reviewed. Copies of the information from the files searches conducted under the Freedom of Information Law are included in Volume 2.

## 3.1 Site Description

The Utility Manufacturing/Wonder King site is approximately one acre in size and is comprised of one building with pavement on three of four sides, a fence along the west, south and east sides with a gate to the driveway area opening on the north. Trailers are located along the southern perimeter fence for storage of packaging materials, plastic product containers and old machinery.

The original one-story brick building located at 700 Main Street was constructed in 1967. The property was leased to Radalabs. Radalabs manufactured telephones and communications equipment under US Department of Defense programs. Radalabs occupied the building for five years and sublet the building to International Textile Machinery (ITM). ITM rebuilt and sold textile-knitting machinery. Utility Manufacturing became the subleasee to ITM in October 1975. In February 1976, Utility Manufacturing moved into the building and ITM moved out. Utility purchased the building in March 1978. In October 1975, Utility Manufacturing acquired the company, Wonder King, and sold products under the combined name of Utility/Wonder King. In 1989, a second story was built onto the existing building.

Currently, the Utility Manufacturing facility consists of a 20,000 square foot main floor manufacturing and storage facility, a 10,000 square foot second floor for offices, technical laboratory, silk screening operation and storage area. The company manufactures a variety of cleaning and lubricating products primarily for commercial and industrial customers.

While visual inspections by NYSDEC staff did not identify floor drains, there were two floor drains installed when the building was constructed in 1967. The drawing on file in the Town of North Hempstead Building Department indicated that one floor drain was located on the western wall approximately 100 feet from the front of the building. The second floor drain was located in a direct line from the first leading to a drywell on the northeastern side of the building. There are no records available as to when the floor drains were closed; however, Utility Manufacturing, the occupant since 1976, was unaware of the existence of the floor drains.

The company utilizes a number of hazardous materials as the raw material components of their product line. These materials are inventoried annually for the NCDH. Periodic inspections of the premises are made by NCDH. Accurate and complete inventory records are maintained as verified by NCDH inspections. The inventory sheets from 1988 to 1998 are included in the Appendix.

There are two 4,000-gallon underground storage tanks that are registered with the NCDH. The tanks passed the tightness test for structural integrity in 1996. The raw materials that are stored in above ground tanks within the facility are also registered and inspected periodically. The warehouse/manufacturing space is bermed to prevent accidental discharge at the entrances and exits. There is an explosion-proof room with air-driven mixers and filling machines for the methyl ethyl ketone products.

Utility Manufacturing utilizes Safety Kleen for disposal and recycling of the mineral spirits used to clean silk screens for product labels. This is the only chemical waste generated by Utility Manufacturing.

### 3.2 Previous Site Investigations

Investigations of this site have been conducted since 1988 by private organizations and under State and County auspices.

NCDH Business Inspections-In 1977, NCDH began inspecting businesses located within the NCIA. The NCDH identified 55 facilities that used chemicals in quantities large enough to require permits for handling and storage of the chemical. Utility Manufacturing produces an annual chemical usage inventory and is inspected annually by NCDH for compliance with environmental regulations.

Investigation of Contaminated Aquifer Segments, Nassau County, NCDH, June 1986. In 1985, as part of a countywide groundwater investigation, NCDH conducted an investigation of NCIA to evaluate the quality of the groundwater. The investigation, conducted by Dvirka & Bartilucci, for Nassau County, showed groundwater contamination in 36 of 39 wells. The contamination plume was migrating toward three public water supply wells located downgradient, approximately 800 feet from NCIA. Based on these findings, the NYSDEC designated the entire NCIA as an Inactive Hazardous Waste Disposal Site, Class 2.

Private Investigation with NCDH Oversight. The property was subject to investigation of contamination of the sanitary system in 1988. Contamination of an on-site cesspool was discovered when sewer connection was initiated. H2M Group conducted sampling and, with the concurrence of NCDH, a remediation plan was implemented for cleanup of the sanitary system and on-site drywells. The cleanup was completed to the satisfaction of the NYSDEC in 1990. The specific data related to the soil sampling results are discussed in Section 4.

NYS Superfund Contract Site Investigation NCIA, NYSDEC/LMS, February 1995. The NYSDEC, through its consultant, LMS, performed on and off site soil and groundwater sampling. The on-site sampling did not identify any soil contamination with volatile organic compounds. Subsurface samples were collected in or near former leaching pool locations on the property. The sampling data are discussed in Section 4.

Private Investigation 1995. Given the "P" site designation by the NYSDEC, Utility Manufacturing commissioned Anson Environmental to conduct another soil and groundwater investigation of the subject property. The work plan was reviewed by the NYSDEC and revised in accordance with NYSDEC comments. Eighteen soil and eighteen groundwater samples were submitted for laboratory analysis. No concentrations of volatile organic compounds were detected above the TAGM guidelines in any of the soil samples. The specific soil sampling results are discussed in Section 4.

NYS Superfund Contract Multisite PSA Report, NCIA, NYSDEC/LMS, March 1996. Another investigation was conducted by LMS on behalf of the NYSDEC. No additional soil sampling was conducted; the report reflects the previous sampling results.

## 4.0 Previous Field Investigation Results

### 4.1 1988

In April 1988, contamination of the sanitary system was identified during the sewer hook-up process. H2M Group sampled the sediment of the septic tank and leaching pools. Composite samples of the drywell sediments were collected as follows:

Drywells #1 and #2
Drywells #3 and #4
Drywells #5 and #6

The results of the initial findings are tabulated on the Table 1 prepared by H2M for the above referenced sampling that was conducted in November 1988 in conjunction with a work plan approved by NCDH. The table follows this section.

The laboratory analytical sheets are included in Appendix B.

H2MGROUP

TABLE 1

UTILITY MANUFACTURING CO., INC.
DRYWELL SAMPLE ANALYSES (MG/KG)

| Parameter | DW 1 & 2 (a) | DW-1 (b) | DW-2 (b) | DW 3 & 4 (a) | DW-3 (b) | DW-4 (b) | DW 5 & 6 (a) | DW-5 (b) | DW-6 (b) |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | 0.06 | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 0.17 | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl Chloride | 0.15 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 0.15 | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | 1.0 | ND | ND | 17.0 | ND | ND | 3.3 | ND | ND |
| 1,1-Dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| C/T-1,2-Dichloroethene | ND | ND | ND | ND | ND | ND | 8.9 | ND | ND |
| Chloroform | 0.5 | ND | ND | ND | ND | ND | 2.9 | ND | ND |
| 1,1,1-Trichloroethane | 0.13 | ND | ND | ND | ND | ND | 2.7 | ND | ND |
| Trichloroethylene | ND | ND | ND | ND | ND | ND | 6.7 | ND | ND |
| 1,1,2-Trichloroethane | 0.086 | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethylene | ND | ND | ND | ND | 0.065 | ND | ND | 0.025 | 1.7 |
| Toluene | 0.25 | ND | ND | 10.0 | ND | ND | 3.1 | ND | ND |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 0.026 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | ND | ND | ND | ND | ND | ND | 7.9 | 0.013 | 0.11 |
| 1,3-Dichlorobenzene | ND | ND | ND | ND | 0.017 | ND | 2.8 | 0.020 | 0.14 |
| 1,4-Dichlorobenzene | ND | ND | ND | ND | ND | ND | 4.4 | 0.012 | 0.17 |
| Total VOC Concentration | 2.522 | ND | ND | 27.0 | 0.082 | ND | 42.7 | 0.07 | 2.12 |

ND - Not detected at analytical detection limit
NS - Not sampled
(a) - Before remediation; collected as a composite sediment sample from the two drywells noted. (Samples collected 11/9/88)
(b) - Post remediation sediment samples

1/2/90

## 4.2 1989

In January 1989, H2M presented the data for the November 1988 sampling event. Upon receipt of the data, NCDH requested clean out of the septic tank, associated leaching pools and six drywells.

The clean out activity was conducted on October 16th and 23rd and November 2nd, 1989 and the results were reported January 1990.

## 4.3 1990

In January 1990, H2M presented the post-remedial sampling (endpoint samples) to NCDH. Table 1 prepared by H2M summarizes the data as measured in mg/Kg for the drywells. The laboratory data sheets are included in Appendix C.

The post remedial sampling indicates no concentrations of volatile organic compounds detected in drywells #1, #2 and #4.

The information presented in the following charts has been excerpted from the H2M results. Drywells #3 and #5 had detectable concentrations significantly below the TAGM guidelines as follows:

| Compound (mg/Kg) | Drywell #3 | Drywell #5 | NYSDEC TAGM |
|---|---|---|---|
| Tetrachloroethylene | 0.065 | 0.025 | 1.4 |
| 1,2 dichlorobenzene | ND | 0.013 | 7.9 |
| 1,3 dichlorobenzene | 0.017 | 0.020 | 1.6 |
| 1,4 dichlorobenzene | ND | 0.012 | 8.5 |

The concentrations for the five drywells were well below the guidance values and no further remediation was required.

The post-remedial sampling of drywell #6 indicated residual concentrations of VOCs in mg/Kg as follows:

| Compound (mg/Kg) | Drywell #6 | NYSDEC TAGM |
|---|---|---|
| Tetrachloroethylene | 1.7 | 1.4 |
| 1,2 dichlorobenzene | 0.11 | 7.9 |
| 1,3 dichlorobenzene | 0.14 | 1.6 |
| 1,4-dichlorobenzene | 0.17 | 8.5 |

At the request of NCDH, a second clean out of drywell #6 was performed. Another endpoint sample was collected on March 22, 1990. There were no VOCs detected in the sample at concentrations above the method detection limit as reported in the April 16, 1990 letter to NCDH from H2M. The post-remediation letter report by H2M is included with the actual sampling result sheets for drywell #6 in Appendix D.

TABLE 1

UTILITY MANUFACTURING CO., INC.
DRYWELL SAMPLE ANALYSES (MG/KG)

| Parameter | DW 1 & 2 (a) | DW-1 (b) | DW-2 (b) | DW 3 & 4 (a) | DW-3 (b) | DW-4 (b) | DW 5 & 6 (a) | DW-5 (b) | DW-6 (b) |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | 0.06 | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 0.17 | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl Chloride | 0.15 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 0.15 | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | 1.0 | ND | ND | 17.0 | ND | ND | 3.3 | ND | ND |
| 1,1-Dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| C/T-1,2-Dichloroethene | ND | ND | ND | ND | ND | ND | 8.9 | ND | ND |
| Chloroform | 0.5 | ND | ND | ND | ND | ND | 2.9 | ND | ND |
| 1,1,1-Trichloroethane | 0.13 | ND | ND | ND | ND | NB | 2.7 | ND | ND |
| Trichloroethylene | ND | ND | ND | ND | ND | ND | 6.7 | ND | ND |
| 1,1,2-Trichloroethane | 0.086 | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethylene | ND | ND | ND | ND | 0.065 | ND | ND | 0.025 | 1.7 |
| Toluene | 0.25 | ND | ND | 10.0 | ND | ND | 3.1 | ND | ND |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 0.026 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | ND | ND | ND | ND | ND | ND | 7.9 | 0.013 | 0.11 |
| 1,3-Dichlorobenzene | ND | ND | ND | ND | 0.017 | ND | 2.8 | 0.020 | 0.14 |
| 1,4-Dichlorobenzene | ND | ND | ND | ND | ND | ND | 4.4 | 0.012 | 0.17 |
| Total VOC Concentration | 2.522 | ND | ND | 27.0 | 0.082 | ND | 42.7 | 0.07 | 2.12 |

ND - Not detected at analytical detection limit
NS - Not sampled
(a) - Before remediation; collected as a composite sediment sample from the two drywells noted. (Samples collected 11/9/88)
(b) - Post remediation sediment samples

1/2/90

A site background sample was also collected by H2M to determine the level of metals in the soil. As summarized in their report, the levels detected in the soil did not exceed the prescribed background levels for the Eastern United States.

Table 2 was prepared by H2M to summarize the endpoint sampling results for the two leaching pools. The pre-remedial concentrations of VOCs in LP-2 were 577 mg/Kg in 1988 and concentrations of VOCs in LP-3 were 340.4 mg/Kg total VOCs. Post-remediation, LP-2 was not sampled by H2M. The post-remediation sample collected from LP-3, more distant from the original septic tank location, indicated that no VOCs were detected at the method detection limit.

H2MGROUP

**TABLE 2**

UTILITY MANUFACTURING CO., INC.
SANITARY LEACH POOLS SAMPLE ANALYSES (MG/KG)

| Parameter | LP S-2 (a) | LP S-2 (b) | LP S-3 (a) | LP S-3 (b) |
|---|---|---|---|---|
| Chloromethane | ND | NS | ND | ND |
| Bromomethane | ND | NS | ND | ND |
| Vinyl Chloride | ND | NS | ND | ND |
| Chloroethane | ND | NS | ND | ND |
| Methylene Chloride | 11.0 | NS | 14.0 | ND |
| 1,1-Dichloroethane | ND | NS | ND | ND |
| C/T-1,2-Dichloroethene | 76.0 | NS | 111.0 | ND |
| Chloroform | ND | NS | 9.4 | ND |
| 1,1,1-Trichloroethane | ND | NS | ND | ND |
| Trichloroethylene | ND | NS | ND | ND |
| 1,1,2-Trichloroethane | ND | NS | ND | ND |
| Tetrachloroethylene | ND | NS | ND | ND |
| Toluene | 40.0 | NS | 63.0 | ND |
| Chlorobenzene | ND | NS | ND | ND |
| Ethylbenzene | ND | NS | ND | ND |
| 1,2-Dichlorobenzene | 130.0 | NS | 65.0 | ND |
| 1,3-Dichlorobenzene | 169.0 | NS | 39.0 | ND |
| 1,4-Dichlorobenzene | 160.0 | NS | 40.0 | ND |
| Total VOC Concentration | 577.0 | NS | 340.4 | ND |
| Arsenic | | | <0.05 | <0.053 |
| Barium | | | <0.20 | <0.20 |
| Cadmium | | | <0.005 | <0.005 |
| Chromium | | | <0.01 | 0.05 |
| Lead | | | <0.01 | <0.06 |
| Mercury | | | <0.0002 | <0.0002 |
| Selenium | | | <0.2 | <0.074 |
| Silver | | | <0.01 | <0.01 |

ND - Not detected at analytical detection limit
NS - Not sampled
(a) - Before remediation; collected as a grab sample (11/9/88)
(b) - Post remediation sediment samples

1/2/90

To further confirm that the levels of volatile organic compounds in the soil, three soil borings from ground surface to the water table were conducted by H2M. These samples were collected near the former septic tanks and leaching pools to confirm that there was no residual source of contamination above the TAGM guidelines. The samples were collected at 10-foot intervals. The following table summarizes the findings of the soil sampling. The original laboratory results were reported in parts per billion (ppb) and have been converted to mg/Kg as per the NYSDEC for reporting consistency.

Boring #1- West side of septic tank

| Compound (mg/Kg) | 15-17' DBG | 25-27' DBG | 35-37' DBG | 45-47' DBG | 55-57' DBG | NYSDEC TAGM |
|---|---|---|---|---|---|---|
| Methylene chloride | 0.031 | 0.043 | 0.025 | 0.065 | 0.077 | 0.100 |
| Trichloro-ethene | 0.031 | ND | 0.019 | 0.005 | ND | 0.700 |
| 1,1,1 trichloro-ethane | ND | ND | ND | ND | 0.022 | 0.800 |
| 1,1 dichloro-ethane | ND | ND | ND | ND | 0.016 | 0.100 |
| Cis/trans 1,2-dichloro-ethene | ND | ND | ND | ND | 0.022 | 0.250 |

ND=below analytical detection

Boring #2- Between LP1 and Septic Tank

| Compound (mg/Kg) | 15-17' DBG | 25-27' DBG | 35-37' DBG | 45-47' DBG | 55-57' DBG | NYSDEC TAGM |
|---|---|---|---|---|---|---|
| Methylene chloride | 0.005 | 0.024 | 0.007 | 0.068 | 0.055 | 0.100 |
| Tetrachloro-ethylene | ND | ND | ND | ND | 0.014 | 1.400 |
| Trichloro-ethene | ND | ND | ND | ND | ND | 0.700 |
| 1,1,1 trichloro-ethane | ND | ND | ND | ND | 0.042 | 0.800 |
| 1,1 dichloro-ethane | ND | ND | ND | ND | 0.019 | 0.100 |
| Cis/trans 1,2dichloro-ethene | ND | ND | ND | ND | 0.060 | 0.250 |
| 1,2 dichloro-benzene | 0.023 | ND | ND | ND | ND | 7.900 |
| 1,3 dichloro-benzene | 0.011 | ND | ND | ND | ND | 1.600 |
| 1,4 dichloro-benzene | 0.017 | ND | ND | ND | ND | 8.500 |

ND=below analytical detection

Boring #3- Between LP1 and LP-2

| Compound (mg/Kg) | 10-12' DBG | 20-22' DBG | 30-32' DBG | 40-42' DBG | 50-52' DBG | 55-57' DBG | NYSDEC TAGM |
|---|---|---|---|---|---|---|---|
| Methylene chloride | 0.024 | 0.053 | 0.027 | 0.055 | 0.040 | 0.066 | 0.100 |
| Tetrachloro-ethylene | ND | ND | ND | ND | ND | ND | 1.400 |
| Trichloro-ethene | ND | ND | ND | ND | ND | ND | 0.700 |
| 1,1,1 trichloro-ethane | ND | ND | ND | ND | ND | 0.007 | 0.800 |
| 1,1 dichloro-ethane | ND | ND | ND | ND | ND | ND | 0.100 |
| Cis/trans 1,2-dichloro-ethene | ND | ND | ND | ND | ND | 0.008 | 0.250 |

ND=below analytical detection

In each boring, the concentrations of VOCs detected are well below the TAGM guidelines. It is a common finding that the methylene chloride is a laboratory contaminant as it was pervasively present throughout the samples. It is used by laboratories as a drying agent.

The H2M summary sheets, laboratory data and plot plan are included in Appendix E.

### 4.4 1991

There was no soil sampling conducted on the subject property during 1991.

### 4.5 1992

There was no soil sampling conducted on the subject property during 1992.

### 4.6 1993

There was no soil sampling conducted on the subject property during 1993.

### 4.7 1994

In June and July 1994, Lawler, Matusky and Skelly Engineers conducted soil sampling in conjunction with NYSDEC-authorized Work Assignment No. D002676-2.2. Two soil borings were conducted on the north side of the subject property. The soil borings are designated as SGP-66 and SGP-67. The results that are summarized on page 5-1T1 of the February 1995 report indicate that samples were collected at the following depths:

| | |
|---|---|
| SGP-66 | 20-22 feet |
| | 40-42 feet |
| | 55-57 feet |
| SGP-67 | 16-18 feet |
| | 24-26 feet |

There were no volatile organic compounds identified in these soil samples. The LMS Table 5-20 (page 5-1T1) follows this section.

TABLE 5-20 (Page 1 of 2)

## GEOPROBE CHLORINATED HYDROCARBONS DATA SUMMARY (JUNE & JULY 1994)

**Soil Sample Results**
**New Cassel Industrial Area**

| Sample Point I.D. | Actual Sample Depth | Vinyl chloride | 1,1-DCE | Methylene chloride | 1,2-t-DCE | 1,1-DCA | 1,2-c-DCE | 1,1,1-TCA | Carbon tetrachloride | 1,2-DCA | TCE | PCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SGP-43 | 10-12 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-43 | 25-27 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-44 | 14-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-44 | 25-27 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-45 | 12-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-45 | 25-27 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-46 | 12-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-47 | 12-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-48 | 8-10 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.4 |
| SGP-49 | 12-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-51 | 25-27 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-52 | 25-27 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-54 | 17-19 | ND | ND | ND | ND | ND | ND | 0.4 | ND | ND | ND | 0.5 |
| SGP-55 | 12-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-59 | 12-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.3 |
| SGP-60 | 10-21 | ND | ND | ND | ND | 1.1 | ND | ND | ND | ND | ND | ND |
| SGP-66 | 20-22 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-66 | 40-42 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-66 | 55-57 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-67 | 16-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-67 | 24-26 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-68 | 20-22 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-68 | 40-42 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-68 | 55-57 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-71 | 15-17 | ND | ND | 19.0 | ND | 3.3 | ND | 9.2 | ND | ND | 1.0 | 19.0 |
| SGP-71 | 20-22 | ND | ND | 12.0 | ND | 2.6 | ND | 3.4 | ND | ND | 1.4 | 32.0 |
| SGP-76 | 17-19 | ND | ND | 1500 E | ND | 350.0 | ND | 9.7 | ND | ND | ND | ND |
| SGP-76 | 27-29 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-77 | 17-19 | ND | ND | ND | ND | ND | ND | 1.1 | ND | ND | ND | ND |
| SGP-77 | 27-29 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-78 | 47-49 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SGP-79 | 17-19 | ND | ND | ND | ND | ND | ND | 2.6 | ND | ND | ND | BQL |

All data in µg/kg
ND - Not detected.
BQL - Below the quantitation limit.
Data file.: NC-DATA.XLS Date 1/11/96 9:57:20 AM

## 4.8 1995

In October 1995 Anson Environmental Ltd. conducted subsurface investigation of the soil through the six drywells at the depths of 25 and 45 feet below grade. The samples were collected using a Geoprobe and submitted to the laboratory for analysis via EPA method 8010.

| Compound (mg/Kg) | DW #1 25' DBG | DW#1 45' DBG | DW#2 25' DBG | DW#2 45' DBG | DW#3 25' DBG | DW#3 45' DBG | NYSDEC TAGM |
|---|---|---|---|---|---|---|---|
| Tetrachloro-ethene | ND | ND | 0.00061 | ND | ND | 0.00099 | 1.400 |
| Trichloro-ethene | ND | ND | ND | ND | ND | ND | 0.700 |
| 1,1,1-trichloro-ethane | ND | ND | ND | ND | ND | ND | 0.800 |
| Methylene chloride | 0.014 | 0.014 | 0.013 | 0.019 | 0.012 | 0.015 | 0.100 |

| Compound (mg/Kg) | DW #4 25' DBG | DW#4 45' DTG | DW#5 25' DBG | DW#5 45' DTB | DW#6 25' DBG | DW#6 45' DBG | NYSDEC TAGM |
|---|---|---|---|---|---|---|---|
| Tetrachloro-ethene | 0.0022 | 0.0018 | 0.00088 | 0.0019 | 0.0027 | 0.0006 | 1.400 |
| Trichloro-ethene | ND | ND | 0.00033 | 0.0010 | ND | ND | 0.700 |
| 1,1,1-trichloro-ethane | ND | ND | ND | ND | ND | ND | 0.800 |
| Methylene chloride | 0.014 | 0.010 | 0.011 | 0.013 | 0.013 | 0.014 | 0.100 |

The laboratory analysis indicated that the concentrations of VOCs were well below the NYSDEC TAGM guidelines. The original laboratory sheets are included in the appendix. The analysis was reported in ug/Kg but was converted to mg/Kg for this table at the request of the NYSDEC.

The laboratory analytical report sheets are included in Appendix F.

In addition, six soil borings were performed as shown on the drawing. At each of the soil boring locations, the Geoprobe unit was used to collect soil samples at depths of 10 feet and 30 feet below grade. The higher headspace reading of the two samples per boring was determined in the field by use of an organic vapor meter (OVM Model 580B). The sample with the higher headspace reading was submitted to the laboratory for analysis. If there was no reading above background, the deepest sample (30 feet) was submitted for analysis.

| Compound (mg/Kg) | SB-1 30' DBG | SB-2 30' DBG | SB-3 30' DBG | SB-4 30' DBG | SB-5 10' DBG | SB-6 30' DBG | NYSDEC TAGM |
|---|---|---|---|---|---|---|---|
| Tetrachloro-ethene | ND | ND | 0.00099 | ND | 0.046 | ND | 1.400 |
| Trichloro-ethene | ND | ND | ND | ND | ND | ND | 0.700 |
| 1,1,1-trichloro-ethane | ND | ND | ND | ND | ND | ND | 0.800 |
| Methylene chloride | 0.027 | 0.027 | 0.012 | 0.0026 | 0.0034 | 0.0042 | 0.100 |

ND=not detected above the analytical method detection limit

The volatile organic compounds that were detected in the soil samples are significantly below the NYSDEC TAGM guidance values. Methylene chloride is a common laboratory contaminant as it is used as a drying agent during soil analysis. The laboratory analytical sheets are included in Appendix G.

## 5.0 Current Field Investigation-1998

In accordance with the Phase One Field Investigation of the Focused Remedial Investigation Work Plan for Utility Manufacturing/Wonder King Site, dated November 1997 and approved by the NYSDEC, Anson Environmental Ltd. (AEL) completed the installation of two groundwater monitoring wells and installation of one monitoring into perched water. Split spoon soil samples were collected continuously during the well installation of these three wells.

### 5.1 Collection of Soil Samples

For the 1998 investigation, soil samples were collected from four on-site locations as listed below:

| Soil Boring | Location |
|---|---|
| SB-1 | adjacent to existing MW-2 |
| SB-2 | east side of site (MW-3) |
| SB-3 | southwest corner of site (MW-4) |
| SB-4 | 11 feet northeast of SB-3 (MW-5) |

Continuous split spoons were collected at each boring location at two foot intervals as they drilled from the ground surface to groundwater. Each sample was characterized using the Munsell Soil Color Charts Hue 10YR and United Soil Classification Chart. The drilling logs for the soil borings are included in Appendix H.

As each sample was collected, it was field screened using a calibrated Perkin-Elmer Photoionization Air Monitor Model 2020 (PID). The PID readings were recorded on the field sheets and are summarized in Tables 1-4 in the Appendix I. The samples with the two highest readings from each boring were submitted to Environmental Testing Laboratories for analysis via USEPA Methods 8260 and 8270. Four samples were submitted from SB-4.

### 5.2 Laboratory Analysis of Soil Samples

Soil samples were submitted for analysis from four boring locations for analysis. Samples were submitted from each boring as follows:

| Boring | Depth below Grade |
|---|---|
| SB-1 | 15-17 feet |
| | 23-25 feet |
| | 33-35 feet |
| SB-2 | 5-7 feet |
| | 11-13 feet |
| SB-3 | 32-34 feet |
| | 34-36 feet |

| | |
|---|---|
| SB-4 | 1-3 feet |
| | 13-15 feet |
| | 33-35 feet |
| | 39-41 feet |

There were no volatile organic compounds detected in concentrations above the NYSDEC TAGM guidelines in any of the eleven soil samples. The summary chart for the sampling results is the following two pages.

The actual laboratory sheets are included in the Appendix J.

Soil Boring Results (April 29, 1998)

| Detected Compounds (mg/Kg) | SB-1 16-17' | SB-1 23-25' | SB-1 33-35' | SB-2 5-7' | SB-2 11-13' | SB-3 32-34' | SB-3 34-36' | SB-4 1-3' | SB-4 13-15' | SB-4 33-35' | SB-4 39-41' | NYSDEC TAGM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | <.00067 | <.00066 | <.00066 | <.00065 | <.00067 | <.00067 | <.00065 | <.00079 | <.00067 | <.00066 | <.00078 | NS |
| Chloromethane | <.00036 | <.00035 | <.00035 | <.00034 | <.00035 | <.00036 | <.00035 | <.00042 | <.00035 | <.00035 | <.00041 | NS |
| Vinyl chloride | <.00063 | <.00062 | <.00062 | <.00061 | <.00062 | <.00063 | <.00061 | <.00074 | <.00062 | <.00062 | <.00073 | 0.2 |
| Bromomethane | <.00041 | <.0004 | <.0004 | <.00039 | <.00041 | <.00041 | <.0004 | <.00048 | <.00041 | <.0004 | <.00048 | NS |
| Chloroethane | <.0002 | <.0002 | <.0002 | <.00019 | <.0002 | <.0002 | <.00019 | <.00023 | <.0002 | <.0002 | <.00023 | 1.9 |
| Trichlorofluoromethane | <.00012 | 0.0046 | <.00011 | <.00011 | <.00011 | <.00012 | <.00011 | <.00014 | <.00011 | <.00011 | <.00013 | NS |
| 1,1-Dichloroethene | <.00022 | <.00022 | <.00022 | <.00021 | <.00022 | <.00022 | <.00021 | <.00026 | <.00022 | <.00022 | <.00026 | 1.4 |
| Methylene Chloride | <.00062 | <.00061 | <.00061 | <.0006 | <.00061 | <.00062 | <.0006 | <.00073 | <.00061 | <.00061 | <.00072 | 0.1 |
| t-1,2-Dichloroethene | <.00043 | <.00042 | <.00042 | <.00041 | <.00043 | <.00043 | <.00042 | <.0005 | <.00043 | <.00042 | <.0005 | 0.3 |
| 1,1-Dichloroethane | <.00017 | <.00016 | <.00016 | <.00016 | <.00017 | <.00017 | <.00016 | <.0002 | <.00017 | <.00016 | <.0002 | 0.1 |
| 2,2-Dichloropropane | <.00024 | <.00024 | <.00024 | <.00023 | <.00024 | <.00024 | <.00023 | <.00028 | <.00024 | <.00024 | <.00028 | NS |
| c-1,2-Dichloroethene | <.00053 | <.00052 | <.00052 | <.00051 | <.00052 | <.00053 | <.00051 | 0.0551 | 0.00043 | <.00052 | <.00061 | 0.25 |
| Chloroform | <.00018 | <.00016 | <.00018 | <.00017 | <.00018 | <.00018 | <.00017 | <.00021 | <.00018 | <.00018 | <.00021 | 0.3 |
| Bromochloromethane | <.00026 | <.00026 | <.00026 | <.00025 | <.00026 | <.00026 | <.00026 | <.00031 | <.00026 | <.00026 | <.00031 | NS |
| 1,1,1-trichloroethane | <.00029 | <.00029 | <.00029 | <.00028 | <.00029 | <.00029 | <.00029 | <.00034 | <.00029 | <.00029 | <.00034 | 0.8 |
| 1,1-dichloropropene | <.00041 | <.0004 | <.0004 | <.00039 | <.00041 | <.00041 | <.0004 | <.00048 | <.00041 | <.0004 | <.00048 | NS |
| Carbon tetrachloride | <.00028 | <.00028 | <.00028 | <.00027 | <.00028 | <.00028 | <.00028 | <.00033 | <.00028 | <.00028 | <.00033 | 0.6 |
| 1,2-Dichloroethane | <.00032 | <.00031 | <.00031 | <.0003 | <.00031 | <.00032 | <.00031 | <.00037 | <.00031 | <.00031 | <.00037 | 0.1 |
| Benzene | <.00029 | <.00029 | <.00029 | <.00028 | <.00029 | <.00029 | <.00029 | <.00034 | <.00029 | <.00029 | <.00034 | 0.06 |
| Trichloroethene | <.00032 | <.00031 | <.00031 | <.0003 | <.00031 | <.00032 | <.00031 | <.00037 | 0.0201 | <.00031 | <.00037 | 0.7 |
| 1,2-Dichloropropane | <.00019 | <.00019 | <.00019 | <.00018 | <.00019 | <.00019 | <.00018 | <.00022 | <.00019 | <.00019 | <.00022 | NS |
| Bromodichloromethane | <.0002 | <.0002 | <.0002 | <.00019 | <.0002 | <.0002 | <.00019 | <.00023 | <.0002 | <.0002 | <.00023 | NS |
| Dibromomethane | <.00056 | <.00055 | <.00055 | <.00054 | <.00055 | <.00056 | <.00054 | <.00065 | <.00055 | <.00055 | <.00065 | NS |
| c-1,3-Dichloropropene | <.00026 | <.00026 | <.00026 | <.00025 | <.00026 | <.00026 | <.00026 | <.00031 | <.00026 | <.00026 | <.00031 | 0.3 |
| Toluene | <.00035 | <.00034 | 0.0028 | <.00033 | <.00034 | 0.0031 | <.00034 | 0.0033 | <.00034 | <.00034 | <.0004 | 1.5 |
| t-1,3-Dichloropropene | <.00043 | <.00042 | <.00042 | <.00041 | <.00043 | <.00043 | <.00042 | <.0005 | <.00043 | <.00042 | <.0005 | NS |
| 1,1,2-Trichloroethane | <.00051 | <.0005 | <.0005 | <.00049 | <.00051 | <.00051 | <.0005 | <.0006 | <.00051 | <.0005 | <.0006 | NS |
| 1,3-Dichloropropane | <.00049 | <.00048 | <.00048 | <.00047 | <.00049 | <.00049 | <.00048 | <.00058 | <.00049 | <.00048 | <.00057 | 0.3 |
| Tetrachloroethene | <.00029 | 0.0019 | 0.0067 | <.00028 | <.00029 | 0.0125 | <.00029 | 0.0822 | <.0015 | <.00029 | <.00034 | 1.4 |
| Dibromochloromethane | <.0003 | <.0003 | <.0003 | <.00029 | <.0003 | <.0003 | <.0003 | <.00036 | <.0003 | <.0003 | <.00035 | NS |
| 1,2-Dibromomethane | <.00053 | <.00052 | <.00052 | <.00051 | <.00052 | <.00053 | <.00051 | <.00062 | <.00052 | <.00052 | <.00061 | NS |
| Chlorobenzene | <.0003 | <.0003 | <.0003 | <.00029 | <.0003 | <.0003 | <.0003 | <.00036 | <.0003 | <.0003 | <.00035 | 1.7 |
| 1,1,1,2-Tetrachloroethane | <.00034 | <.00033 | <.00033 | <.00032 | <.00033 | <.00034 | <.00033 | <.00039 | <.00033 | <.00033 | <.00039 | 0.6 |
| Ethylbenzene | <.00036 | <.00035 | <.00035 | <.00034 | <.00035 | <.00036 | <.00035 | <.00042 | <.00035 | <.00035 | <.00041 | 5.5 |
| m,p xylene | 0.00087 | 0.00065 | 0.0354 | 0.00011 | <.00066 | 0.0216 | 0.00091 | 0.0059 | <.00066 | <.00065 | <.00077 | 1.2 |
| o xylene | <.00029 | <.00029 | 0.0136 | <.00028 | <.00029 | 0.0193 | <.00029 | 0.0024 | <.00029 | <.00029 | <.00034 | 1.2 |
| Styrene | <.0003 | <.0003 | <.0003 | <.00029 | <.0003 | <.0003 | <.0003 | <.00036 | <.0003 | <.0003 | <.00035 | NS |

| Detected Compounds (mg/Kg) | SB-1 15-17' | SB-1 23-25' | SB-1 33-35' | SB-2 5-7' | SB-2 11-13' | SB-3 32-34' | SB-3 34-36' | SB-4 1-3' | SB-4 13-15' | SB-4 33-35' | SB-4 39-41' | NYSDEC TAGM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Isopropyl benzene | <.00027 | <.00027 | 0.00096 | <.00026 | <.00027 | <.00027 | <.00027 | <.00032 | <.00027 | <.00027 | <.00032 | 0.1 |
| Bromoform | <.0005 | <.00049 | <.00049 | <.00048 | <.0005 | <.0005 | <.00049 | <.00059 | <.0005 | <.00049 | <.00059 | NS |
| 1,1,2,2-Tetrachloroethane | <.00053 | <.00052 | <.00052 | <.00051 | <.00052 | <.00053 | <.00051 | <.00062 | <.00052 | <.00052 | <.00061 | 0.6 |
| 1,2,3-Trichloropropane | <.00048 | <.00047 | <.00047 | <.00046 | <.00048 | <.00048 | <.00047 | <.00057 | <.00048 | <.00047 | <.00056 | NS |
| n-propylbenzene | <.00043 | <.00042 | <.00042 | <.00041 | <.00043 | <.00043 | <.00042 | 0.0034 | <.00043 | <.00042 | <.0005 | 0.1 |
| bromobenzene | <.00046 | <.00045 | <.00045 | <.00044 | <.00046 | <.00046 | <.00045 | <.00054 | <.00046 | <.00045 | <.00054 | NS |
| 1,3,5-Trimethylbenzene | <.00032 | <.00031 | 0.0134 | 0.00089 | <.00031 | 0.0179 | 0.0012 | 0.002 | 0.0032 | <.00031 | <.00037 | 0.1 |
| 2-chlorotoluene | <.00027 | <.00027 | <.00027 | <.00026 | <.00027 | <.00027 | <.00027 | <.00032 | <.00027 | <.00027 | <.00032 | NS |
| 4-Chlorotoluene | <.00036 | <.00035 | <.00035 | <.00034 | <.00035 | <.00036 | <.00035 | <.00042 | <.00035 | <.00035 | <.00041 | NS |
| 4-Isopropyltoluene | <.00038 | <.00037 | 0.0026 | <.00036 | <.00037 | 0.0023 | <.00037 | <.00044 | <.00037 | <.00037 | <.00044 | 0.1 |
| 1,2,4-trimethylbenzene | 0.0015 | <.00042 | 0.0328 | 0.00014 | <.00043 | 0.0308 | 0.0032 | 0.0041 | <.00043 | <.00042 | <.0005 | 0.1 |
| sec-butylbenzene | <.00038 | <.00037 | 0.0011 | <.00036 | <.00037 | <.00038 | <.00037 | <.00044 | <.00037 | <.00037 | <.00044 | 0.1 |
| tert-butylbenzene | <.00055 | <.00054 | <.00054 | <.00053 | <.00054 | <.00055 | <.00053 | <.00064 | <.00054 | <.00054 | <.00063 | NS |
| 1,3-Dichlorobenzene | <.00034 | <.00033 | <.00033 | <.00032 | <.00033 | <.00034 | <.00033 | <.00039 | <.00033 | <.00033 | <.00039 | 1.6 |
| 1,4-Dichlorobenzene | <.00034 | <.00033 | <.00033 | <.00032 | <.00033 | <.00034 | <.00033 | <.00039 | <.00033 | <.00033 | <.00039 | 8.5 |
| n-butylbenzene | <.00041 | <.0004 | <.0004 | <.00039 | <.00041 | 0.0031 | <.0004 | <.00048 | <.00041 | <.0004 | <.00048 | 7.9 |
| 1,2-dichlorobenzene | <.00028 | <.00028 | <.00028 | <.00027 | <.00028 | <.00028 | <.00028 | <.00033 | <.00028 | <.00028 | <.00033 | NS |
| 1,2-dibromo-3-chloropropane | <.00076 | <.00074 | <.00074 | <.00073 | <.00075 | <.00076 | <.00073 | <.00089 | <.00075 | <.00074 | <.00088 | NS |
| 1,2,4-trichlorobenzene | <.00043 | <.00042 | <.00042 | <.00041 | <.00043 | <.00043 | <.00042 | <.0005 | <.00043 | <.00042 | <.0005 | NS |
| Hexachlorobutadiene | <.00037 | <.00036 | <.00036 | <.00035 | <.00036 | <.00037 | <.00036 | <.00043 | <.00036 | <.00036 | <.00043 | NS |
| Napthalene | <.00058 | <.00057 | 0.0054 | <.00056 | <.00057 | 0.018 | 0.0011 | <.00068 | <.00057 | <.00057 | <.00067 | 0.2 |
| 1,2,3-Trichlorobenzene | <.00032 | <.00031 | <.00031 | <.0003 | <.00031 | <.00032 | <.00031 | <.00037 | <.00031 | <.00031 | <.00037 | NS |

## 6.0 Conclusions

While there was volatile organic contamination present in the sediment in the sanitary system and drywells in 1988, the successful remediation of those subsurface structures has been demonstrated since 1990. There has been no source of on-site soil contamination identified by H2M, LMS, and AEL. Repeated collection of subsurface samples through and near those sanitary system and drywells have not identified volatile organic compounds at concentrations above the NYSDEC TAGM guidance values.

## 7.0 Recommendation

There is no interim remedial measure for soil recommended at this time as no on-site source of soil contamination has been identified.

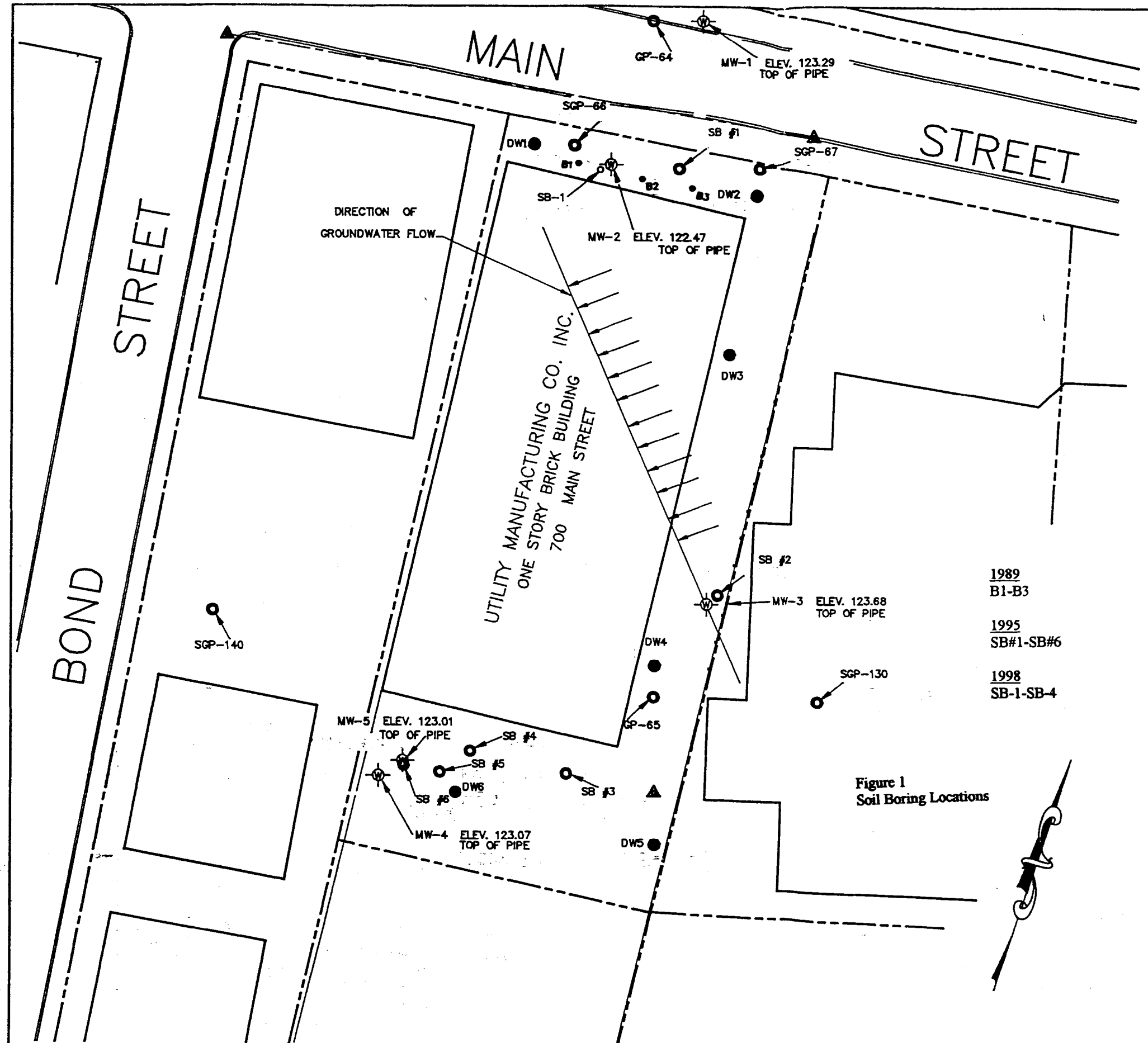


Figure 1
Soil Boring Locations

**NOTES**

1. NORTH ARROW REFERS TO NASSAU COUNTY GRID SYSTEM.
2. ELEVATIONS REFER TO NATIONAL GEODETIC VERTICAL DATUM. AS DETERMINED FROM NASSAU COUNTY BENCH MARKS.
3. THIS DRAWING IS BASED ON A PREVIOUS DRAWING PRODUCED BY WELSH ENGR., P.C., DATED 2/11/92 AND TITLED "MONITORING WELL SURVEY, NEW CASSEL", ON INFORMATION PROVIDED BY ANSON ENVIRONMENTAL LTD., AND ON SURVEY MADE 8/7/97, AND MAY 26, 1998.

**LEGEND**

- APPROX. EDGE OF EXCAVATION
- SURVEY BASELINE
- FENCE LINES
- WATER LINES
- PROPERTY LINES
- CENTER LINES
- GAS LINES
- OVERHANG WIRES
- BUILDING LINES (APPROXIMATE)
- FIRE HYDRANT
- TREE
- SURVEY STATION
- TRAFFIC SIGN
- WATER GATE
- POLE
- CB
- MANHOLE
- MON. WELL (APPROX. LOCATION EXCEPT AS NOTED)
- GAS VALVE
- LIGHT
- DRYWELL (APPROX. LOCATION)
- SGP-140 — SOIL SAMPLING LOACTION
- PCE = TETRACHLOROETHENE
- nd = NOT DETECTED

William J. Welsh DATE: 7/14/99

WILLIAM J. WELSH N.Y. STATE LAND SURVEYOR LIC. # 49626
REVISED, AUG. 7, 1997, AND JUNE 10, 1998.

SURVEYED FOR:
**ANSON ENVIRONMENTAL**

**SOIL SAMPLES**
**at UTILITY MANUFACTURING SITE**
NEW CASSEL
TOWN OF NORTH HEMPSTEAD, L.I., N.Y.

**WELSH**
ENGINEERING AND
LAND SURVEYING, P.C.
343 MANVILLE ROAD
PLEASANTVILLE, NY 10570
(914) 773-1701

| SCALE: | JOB NUMBER: | SHEET NUMBER: |
|---|---|---|
| 1" = 40' | 97-95037 | 1 OF 1 |
| DRAWN BY: S.Q. | DATE: 9/3/98 | CAD FILE: 97027SOI.DWG |
| APPROVED BY: W.J.W. | | |

MAIN STREET

S. 86°48'50" E. 125.09

104.38

293.00

297.69

STREET

BOND

DEAD MAN 0.5' SOUTH
DRY WELL
CRUSHED M.H.
M.H.
M.H. STONE
CONC. SLAB
M.H.
DRY WELL
20.0
23.6
3.7
46.9
3.8
12.0
3.8
36.2
28.9
STONE
DRY WELL

1 STORY BRICK BLDG. (0.1 ROOF COOING)

211.1
211.1
CRUSHED
CONC. RAMP
DRY WELL
BLDG. 0.2 EAST
CONC. RETAINING WALL
CONC. LIGHT POLE & TOP
19.1
13.9 CONC. SLAB
95.0
29.1
BLDG. 0.2 EAST
CONC. CURB 0.1' EAST
MACADAM PAVEMENT
DRY WELL
DRY WELL
CRUSHED STONE
CURB S.6 NORTH

N. 5° 20' 10" E.

S. 5° 20' 10" W.

N. 84° 39' 50" W. 125.00

Figure 2
Floor Drain Location

J. J. Bohn & R. W. Phillips — Land Surveyors

72 E. Old Country Rd.
Mineola, N. Y. Pioneer 2-4007

Robert Phillips
L.S. 33705

The offsets (or dimensions) shown hereon from the structures to the property lines are for a specific purpose and use and therefore are not intended to guide the erection of Fences, Retaining Walls, Pools, Patios, Planting areas, addition to buildings and any other Construction.

MAP OF PROPERTY ON SOUTH SIDE OF MAIN STREET

SITUATED AT NEW CASSEL NASSAU COUNTY, N.Y.

GUARANTEED ONLY FOR JERRY SPIEGEL ASSOC.

UNDER TITLE NO. OF THE TITLE GUARANTEE CO.
ROOSEVELT SAVINGS BANK

BLDR'S JOB NO.

| 9-13-67 | 67-528 |
|---|---|
| Rev. Comp. 1-4-68 | 68-03 |
| | |
| | |

# Appendix A:
# Chemical Inventory Files
# 1988-1997

# APPENDIX 1

## Chemical Inventory Sheets
## 1988-1997

SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

| Name | Permit Numb |
|---|---|
| Utility Manufacturing Co., Inc. | 000302 |
| Address 700 Main Street<br>Westbury, N.Y. 11590 | Report Perio<br>1988 |

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Isopropanol | Ingredient | Various | 0 |
| Odorless Mineral Spirits | Ingredient | Various | 110 gallons |
| Sodium Lauryl Sulfate | Ingredient | Various | 1,568 Lbs. |
| Fatty Acid Imidazoline | Ingredient | Various | 7,206 Lbs. |
| Ninex 24 (Alkanolaminde) | Ingredient | Various | 0 |
| Methanol | Ingredient | Various | 0 |
| Nonylphenoxypoly ethanol (ethyleneoxy) | Ingredient | Various | 23,691 Lbs. |
| | | | |
| | | | |
| Hexylene Glycol | Ingredient | Various | 0 |
| Petroleum Solvent | Ingredient | Various | 350 gallons |
| Cyclohexanone | Ingredient | Various | 3,699 Lbs. |
| Blown Fish Oil | Ingredient | Various | 11,334 Lbs. |
| Phosphoric Acid | Ingredient | Various | 0 |
| Ethylene Glycol Monobutyl Ether | Ingredient | Various | 5,460 Lbs. |
| Hydroxyacetic Acid | Ingredient | Various | 0 |

SOLVENT WASTE REPORT

Bureau of Land Resources Management
Nassau County Department of Health

Name: Utility Manufacturing Co., Inc.
Address: 700 Main Street, Westbury, N.Y. 11590

Permit Nu: 000302
Report Per: 1988

List all waste generating chemicals and/or solvents purchased during the reporting perio
Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Hydrochloric Acid | Ingredient | Various | 30,000 Lbs. |
| Rodine 85 | Ingredient | Various | 104 gallons |
| Emulsified Orthochlorotoluene | Ingredient | Various | 20,345 Lbs. |
| Zinc Chloride Solution | Ingredient | Various | 142,560 Lbs. |
| Methyl Pentachlor Stearate 500 | Ingredient | Various | 55 gallons |
| Potassium Hydroxide | Ingredient | Various | 0 |
| Copper (II) Sulfate Pentahydrate | Ingredient | Various | 14,950 Lbs. |
| Sodium Tripolyphosphate | Ingredient | Various | 0 |
| Thiourea | Ingredient | Various | 2,728 Lbs. |
| Trisodium Phosphate | Ingredient | Various | 0 |
| Sulfamic Acid | Ingredient | Various | 500 Lbs. |
| Sodium Silicate | Ingredient | Various | 22,782 gallons |
| Propylene Glycol | Ingredient | Various | 32,000 gallons |
| | | | |
| 1,1,1 Trichloroethane | Ingredient | Various | 220 gallons |
| Naphtha | Ingredient | Various | 1,000 gallons |

continued on reverse

SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

Name: Utility Manufacturing Co., Inc.

Address: 700 Main Street, Westbury, N.Y. 11590

Permit Num: 000302

Report Peri: 1988

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Oil, Lubricating | Ingredient | Various | 22,040 gallons |
| Mineral Spirits | Ingredient | Various | 2,056 gallons |
| Sodium Hydroxide | Ingredient | Various | 4,056 gallons |
| Sulfuric Acid | Ingredient | Various | 126,833 gallons |
| Methyl Ethyl Ketone | Ingredient | Various | 4,449 Lbs. |
| etrahydrofuran | Ingredient | Various | 7,500 gallons |
| Sulfurized Animal Fat | Ingredient | Various | 4,450 Lbs. |
| Oleic Acid | Ingredient | Various | 2,400 Lbs. |
| Sodium Sulfonate | Ingredient | Various | 3,740 Lbs. |
| Glycerine | Ingredient | Various | 55 gallons |
| orbitan Sequioleate | Ingredient | Various | 15,750 Lbs. |
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L/SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

File Copy

| Name | Permit Numbe |
|---|---|
| Utility Manufacturing Co. | 000302 |
| Address | Report Perio |
| 700 Main Street | 1989 |

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chenical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Odorless Mineral Spirits | Ingredient | Various | 165 gallons |
| Fatty Acid Imodazoline | " | " | 9726 pounds |
| Methanol | " | " | 55 gallons |
| Nonylphenoxypoly ethanol (ethyleneoxy) | " | " | 2938 pounds |
| Cyclohexone | " | " | 5429 pounds |
| Ethylene Glycol Monobutyl Ether | " | " | 3420 pounds |
| Rodine 85 | " | Parker-Amchem Products | 1500 gallons |
| Emulsified Orthodichlorobenzene | " | Hart Products | 15,000 pounds |
| Zincchloride/ Ammonium chloride solution | " | Madison Industries | 140,000 pounds |
| Methly Pentachlor Stearate | " | Various | 2548 pounds |
| Cooper (II) Sulfate Pentahydrate | " | " | 15,000 pounds |
| Sodium tripolyphosphate | " | " | 1,600 pounds |
| Thiourea | " | " | 2500 pounds |
| 1,1,1, Trichloroethane | " | " | 500 pounds |
| Petroleum Naphtha | " | " | 1,000 gallons |
| | | | |



UTILITY

ENT WASTE REPORT
Land Resources Management
County Department of Health

Name: Utility Manufacturing Co
Address: 700 Main St. Westbury, N.Y. 11590
Permit Numb: 000302
Report Perio: 1989

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Caustic Metal Salts | INGREDIENT | Various | 165 gallons |
| Fatty Oleic Imidazoline | " | " | 9726 lbs. |
| Methanol | " | " | 55 gallons |
| Nonylphenoxy poly ethanol (ethyleneoxy) | " | " | 2938 lbs. |
| Cyclohexone | " | " | 5429 lbs. |
| Ethylene Glycol Monobutyl Ether | " | " | 3420 lbs. |
| Rodine 85 | " | Parker-Amchem Products | 1500 gallons |
| Emulsified orthodichlorobenzene | " | Hart Products | 15,000 lbs |
| Zinc Chloride/ Ammonium chloride Solution | " | Madison Industries | 140,000 lbs |
| Methyl Pentachloro Stearate | " | Various | 2548 lbs |
| Copper (II) Sulfate Pentahydrate | " | " | 15,000 lbs |
| Sodium Tripolyphosphate | " | " | 1600 lbs |
| Thiourea | " | " | 2500 lbs |
| 1,1,1 Trichloroethane | " | " | 500 lbs |
| Petroleum Naphtha | " | " | 1,000 gall |
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...LVENT WASTE REPORT

...f Land Resources Management

...u County Department of Health

Name

File Copy

Utility Manufacturing Co., Inc.

Address

700 Main Street Westbury, NY 11590

Permit Numb

000302

Report Perio

1989

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...st all waste generating chemicals and/or solvents purchased during the reporting period ...ndicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Mineral Spirits | Ingredients | Various | 3056 gallons |
| Sodium Hydroxide | " | " | 10,000 pounds |
| Methyl Ethly Ketone | " | " | 35,000 pounds |
| Tetrahydrofuran | " | " | 15,000 pounds |
| Soritan Sequioleate | " | Van Water & Rogers | 30,000 pounds |
| Copolymer Vinyl Acetate Resin | " | Air Products, Inc. | 12,500 pounds |
| Dibutylphthalate | " | Various | 485 pounds |
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SOLVENT WASTE REPORT

Bureau of Land Resources Management
Nassau County Department of Health

| Name | Permit Num |
|---|---|
| Utility Manufacturing Co., Inc. | U-030 |
| Address | Report Peri |
| 700 Main St. Westbury, N.Y. 11590 | 1989 |

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Mineral Spirits | Ingredient | Various | 3056 gals |
| Sodium Hydroxide | " | " | 10,000 lbs |
| Methyl Ethyl Ketone | " | " | 35,000 lbs |
| Tetrahydrofuran | " | " | 15,000 lbs |
| Sorbitan Sequioleate | " | Von Waters & Rogers | 30,000 lbs |
| Copolymer Vinyl Acetate Resin | " | Air Products Inc | 12,500 lbs |
| Dibutyl Phthalate | " | Various | 485 lbs |
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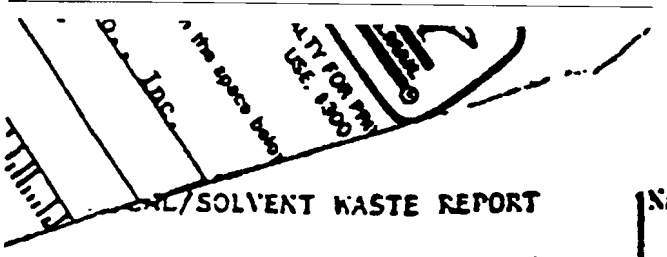

...AL/SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

| Name | Permit Num |
|---|---|
| Utility Manufacturing Co. | 000302 |
| **Address** | **Report Peri** |
| 700 Main Street Westbury, NY 11590 | 1990 |

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Fatty Acid Imodazoline | Ingredient | Mona Industries | 840 pounds |
| Methanol | " | Various | 55 gallons |
| Nonylphenoxypoly Ethanol (ethyleneoxy) | " | " | 6922 pounds |
| Cyclohexanone | " | " | 900 pounds |
| Ethylene Glycol Monobutyl Ether | " | " | 4,120 pounds |
| Rodine 85 Inhibitor | " | Parker/Amchem | 156 gallons |
| Emulsified Orthodichlorobenzene | " | Hart Products | 4,545 pounds |
| Zinc Chloride Ammonium Chloride Solution | " | Madison Industries | 143,280 pounds |
| Methyl Pentachlor Stearate | " | Vanchem, Inc. | 500 pounds |
| Copper Sulfate Pentahydrate | " | Various | 16,980 pounds |
| Sodium Tripolyphosphate | " | " | 150 pounds |
| Thiourea | " | " | 1,900 pounds |
| 1,1,1 Trichloroethane | " | " | 1,800 pounds |
| Petroleum Naptha | " | Unocal Chemical | 1,014 gallons |
| Mineral Spirits | " | Various | 500 gallons |

# ...L/SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

| Name | Permit Num |
|---|---|
| Utility Manufacturing Co. | 000302 |
| **Address** | Report Peri |
| 700 Main Street Westbury, NY 11590 | 1990 |

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Methyl Ethyl Ketone | Ingredient | Various | 6,710 pounds |
| Tetrahydrofuran | " | " | 14,760 pounds |
| Sorbitan Sesquioleate | " | I.C.I. America | 17,100 pounds |
| Copolymer Vinyl Acetate Resin | " | Air Products | 12,967 pounds |
| Dibutyl Phthalate | " | Various | 1,438 pounds |
| Ammonium Biflouride | " | Independent Chemical | 1,000 pounds |
| Perchloroethylene | " | Various | 23,600 pounds |
| Petroleum Sodium Sulfonate | " | Penreco Inc. | 1,200 pounds |
| Poly-oxy-Ethylene | " | Harcross Chemical | 510 pounds |
| Ethylene Glycol Mononethyl Ether | " | Various | 440 pounds |
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Bureau of Land Resources Management
Nassau County Department of Health

Name: Utility Manufacturing Co.

Address: 700 Main Street Westbury, NY 11590

Permit Numb: 000302

Report Peri: 1991

List all ~~chemicals~~ and/or solvents purchased during the reporting period.
Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | How is Chemical or Solvent Used? | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Methanol | Ingredient | Various | 55 gallons |
| Nonylphenoxypoly Ethanol (ethyleneoxy) | " | " | 1966 pounds |
| Ethylene Glycol Monobutyl Ether | " | " | 3134 pounds |
| Rodine 85 Inhibitor | " | Parker/Amchem | 115 gallons |
| Emulsified Orthodichlorobenzene | " | Hart Products | 8810 pounds |
| Zinc Chloride Ammonium Chloride Solution | " | Madison Industries | 82000 pounds |
| Methyl Pentachlor Stearate | " | Vanchem, Inc. | 500 pounds |
| Copper Sulfate Pentahydrate | " | Various | 6186 pounds |
| Sodium Tripolyphosphate | " | " | 100 pounds |
| Thiourea | " | " | 943 pounds |
| 1,1,1 Trichloroethane | " | " | 2400 pounds |
| Petroleum Naptha | " | Unocal Chemical | 1014 gallons |
| Mineral Spirits | " | Various | 500 gallons |
| Sodium Hydroxide | " | " | 22400 pounds |
| Sorbitan Sesquioleate | " | I.C.I. America | 15000 pounds |
| Copolymer Vinyl Acetate Resin | " | Air Products | 9968 pounds |

EH 704 5/88

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| Utility Manufacturing Co. | 000302 |
|---|---|
| Address<br>700 Main Street Westbury, NY 11590 | Report Peric<br>1991 |

Health

and/or solvents purchased during the reporting period.

each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | How is Chemical or Solvent Used? | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Dibutyl Phthalate | Ingredient | Various | 967 pounds |
| Perchloroethylene | " | " | 33620 pounds |
| Petroleum Sodium Sulfonate | " | " | 1323 pounds |
| Ethyl Alcohol | " | Harcross Chemical | 100 gallons |
| Naphthenic Oil | " | Exxon/Novick | 5000 gallons |
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IH 704 5/88

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| ...au of Land Resources Management<br>...ssau County Department of Health | Utility Manufacturing Co.<br>Address<br>700 Main Street Westbury, NY 11590 | 000302<br>Report Per.<br>199 |

List all chemicals and/or solvents purchased during the reporting period. Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | How is Chemical or Solvent Used? | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Dibutyl Phthalate | Ingredient | Various | 965 lbs. |
| Perchloroethylene | " | " | 32,684 lbs. |
| Petroleum Sodium Sulfonate | " | " | 2,190 lbs. |
| Ethyl Alcohol | " | Harcross Chemical | 55 gallons |
| Naphthenic Oil | " | Exxon/Novick | 18,160 gallons |
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EH 704 5/88

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|---|---|---|
| nd Resources Management<br>County Department of Health | Address<br>700 Main Street Westbury, NY 11590 | Report Perio:<br>1993 |

st all chemicals and/or solvents purchased during the reporting period.
dicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | How is Chemical or Solvent Used? | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| hanol | Ingredient | Various | 165 gallons |
| ylphenoxpoly anol (ethyleneoxy) | " | " | 110 gallons |
| ylene Glycol obutyl Ether | " | " | 2076 lbs. |
| ine 85 ibitor | " | Parker/Amchem | 156 gallons |
| lsified nodichlorobenzene | " | Hart Products | 1000 lbs. |
| c Chloride onium Chloride Sol. | " | Mineral Research & Madison Industries | 134,830 lbs. |
| nyl Pentachlor arate | " | Vanchem, Inc. | 500 |
| per Sulfate tahydrate | " | Various | 11,400 lbs. |
| ium polyphosphate | " | " | 250 lbs. |
| ourea | " | " | 900 lbs. |
| ,1, Trichloroethane | " | " | 0 |
| roleum Naptha | " | Unocal Chemical | 3500 gallons |
| eral Spirits | " | Various | 9 |
| ium Hydroxide Liquid | " | " | 303,760 lbs. |
| bitan quioleate | " | I.C.I. America | 13,950 lbs. |
| olymer Vinyl. tate Resin | " | Air Products | 15,000 lbs. |

704 5/88

(continued on reverse)

- Land Resources Management
au County Department of Health

Utility Manufacturing Co.

Address
700 Main Street Westbury, NY 11590

Permit N
00030

Report Pe
1993

List all chemicals and/or solvents purchased during the reporting period. Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| | Name of Chemical or Solvent | How is Chemical or Solvent Used? | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|---|
| 1307 | Dibutyl Phthalate | Ingredient | Various | 900 lbs. |
| - 11 | Perchloroethylene | " | " | 45,760 lbs. |
| 152 | Petroleum Sodium Sulfonate | " | " | 2180 lbs. |
| 1221 | Ethyl Alcohol | " | Harcross Chemical | 110 gallons |
| 3400 | Naphthenic Oil | " | Exxon/Novick Chemical | 7,964 gallons |
| 1508 | Amino Methyl Propanol | " | Various | 600 lbs. |
| 223 | Benzoflex Plasticizer | " | " | 600 lbs. |
| 1600 | Sodium Hydroxide Dry Solid | " | " | 64,650 lbs. |
| 10000 | Cyclohexanone | " | " | 425 lbs. |
| 3 | Methyl Ethyl Ketone | " | " | 6600 lbs. |
| 1501 | Tetrahydrofuran | " | " | 0 |
| 15 | Dipottasium Phosphate | " | " | 7,100 lbs. |
| 350 | Hydrochloric Acid | " | " | 42,025 lbs. |
| 111 | Sulfuric Acid | " | " | 1,119,200 lbs. |
| 1 | Propylene Glycol | " | " | 306,020 lbs. |
| | | | | |

EH 704 5/88

(continued on reverse)

Bureau of Land Resources Management
Nassau County Department of Health

Name File Copy
Utility Manufacturing Co.,Inc.

Address
700 Main Street, Westbury, NY 11590


Permit Numbe
000302
Report Perio:
1994

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Methanol | Ingredient | Pride Solvents | 385 gallons |
| Nonylphenoxpoly Ethanol surfactant | " | Pride Solvents Independent Chemical | 946 pounds |
| Ethylene Glycol Monobutyl Ether | " | " | 2901 pounds |
| Rodine 85 pickling inhibitor | " | Parker-Amchem Corp. | 104 gallons |
| Emulsiffed Orthodichlorobenzene | " | Hart Products | 3940 pounds |
| Zinc Ammonium Chloride Solution | " | Mineral Research Co. | 84900 pounds |
| Methyl Pentachlor Stearate | " | Lenape Chemical | 500 pounds |
| Copper Sulfate Pentahydrate | " | Old Bridge Chemical Independent " | 15670 pounds |
| Sodium Tripolyphosphate | " | Independent " | 100 pounds |
| Thiourea | " | " " | 350 pounds |
| Petroleum Naphtha | " | Pride Solvents | 2942 Gallons |
| Sodium Hydroxide 50% Solution | " | G.F.I. Incorporated | 170,160 pounds |
| Sorbitan Sesquioleate (Arlacel C) | " | Independent Chemical | 16200 pounds |
| Copolymer Vinyl Acetate resin | " | Air Products Corp. | 10000 pounds |
| Dibutyl Phthalate | " | Pride Solvents | 400 pounds |
| Tetrachloroethylene (Perchloroeethylene) | " | Novick Chemical | 27000 pounds |

CHEMICAL/SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

File Copy

| Name | Permit No. |
|---|---|
| Utility Manufacturing Co., Inc. | 000302 |
| Address | Report Per |
| 700 Main Street, Westbury, NY 11590 | 1995 |

List all waste generating chemicals and/or solvents purchased during the reporting perio Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Methanol | Ingredient | Pride Solvents | 300 gallons |
| Nonylphenoxpoly Ethanol surfactant | " | Pride Solvents Kramer Chemical | 3201 pounds |
| Ethylene Glycol Monobutyl Ether | " | " | 2042 pounds |
| Sodium Metabisulfite | " | Independent Chemical | 3.00. pounds |
| Emulsified Orthodichlorobenzene | " | Hart Products | 1519 pounds |
| Zinc Ammonium Chloride Solution | " | Madison Industries Mineral Research Co. | 132 804 pounds |
| Methyl Pentachlor Stearate | " | Lenape Chemical | 500 pounds |
| Copper Sulfate Pentahydrate | " | Old Bridge Chemical | 9250 pounds |
| Sodium Tripolyphoephate | " | Independent " | 1600 pounds |
| Thiourea | " | " " | 221 pounds |
| Petroleum Naphtha | " | Novick Chemical Pride Solvents | 2222 Gallons |
| Sodium Hydroxide [illegible] Solution | " | G.F.I. Incorperated | 130 640 pounds |
| Sorbitan Sesquioleate (Arlacel C) | " | Independent Chemical | 17,101 pounds |
| Copolymer Vinyl Acetate resin | " | Air Products Corp. | 12 500 pounds |
| Dibutyl Phthalate | " | Pride Solvents | 485 pounds |
| Tetrachloroethylene (Perchloroethylene) | " | [illegible] Chemical | 2000 pounds |

...AL/SOLVENT WASTE REPORT

Bureau of Land Resources Management
Nassau County Department of Health

| Name | Permit Number |
|---|---|
| Utility Manufacturing Co., Inc. | 000302 |
| Address | Report Period |
| 700 Main Street, Westbury, NY 11590 | 1995 |

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Petroleum Sodium Sulfonate | Ingredient | Ultra Chemical | 2179 pounds |
| Ethyl Alcohol | " | Pride Solvents | 55 gallons |
| Naphthenic Oil | " | EAST Falls Chemical Novick Chemical | 11502 Gallons |
| Amino Methyl Propanol | " | Pride Solvents | 500 pounds |
| Sodium Hydroxide Dry Solid | " | G.F.I. Inc. | 4480 pounds |
| Cyclohexanone | " | Pride Solvents | 425 pounds |
| Methyl ethyl Ketone | " | Novick Chemical | 1065 pounds |
| Tetrahydrofuran | " | " " | 4780 pounds |
| Dipottasium Phosphate | " | Independent Chemical | 3747 pounds |
| Hydrochloric Acid | " | " " | 59911 pounds |
| Sulfuric Acid | " | Marsulex, Inc. | 1353 171 pounds |
| Propylene Glycol | " | Novick, Pride, CFI Inc. Callahan Chemicals | 397 410 pounds |
| Sodium Nitrite | " | Independent Chemical | 960 pounds |
| Sodium Silicate | " | Occidental Chemical | 315 000 pounds |
| Sulfamic Acid | " | Independent Chemical | 360 pounds |
| Sodium Hydrosulfite | " | " " | 500 pounds |

SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

Name: UTility Mfg Co. INC

Address: 700 Main ST. Westbury, NY

Permit Number: 000302

Report Period: 1995

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Ammonium Bi-Flouride | Ingredient | Independent Chemical | 2000 pounds |
| Acetone | | Pride Solvents | 361 pounds |
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CHEMICAL/SOLVENT WASTE REPORT

Bureau of Land Resources Management
Nassau County Department of Health

Name: Utility Manufacturing Co., Inc.
Address: 700 Main Street, Westbury, NY 11590

Permit No: 000302
Report For: 1996

List all waste generating chemicals and/or solvents purchased during the reporting period. Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Petroleum Sodium Sulfonate | Ingredient | Ultra Chemical | 2,179 pounds |
| Ethyl Alcohol | " | Pride Solvents | 55 gallons |
| Naphthenic Oil | " | EAST Falls Chemical<br>Novick Chemical | 11,502 Gallons |
| Amino Methyl Propanol | " | Pride Solvents | 500 pounds |
| Sodium Hydroxide Dry Solid | " | G.F.I. Inc. | 4,400 pounds |
| Cyclohexanone | " | Pride Solvents | 435 pounds |
| Methyl ethyl Ketone | " | Novick Chemical | 1,005 pounds |
| Tetrahydrofuran | " | " " | 4,780 pounds |
| Dipottasium Phosphate | " | Independent Chemical | 1,747 pounds |
| Hydrochloric Acid | " | " " | 57,911 pounds |
| Sulfuric Acid | " | Novick, Inc. | 1,383,161 pounds |
| Propylene Glycol | " | Novick, Pride, CFI Inc.<br>Callahan Chericals | 297,410 pounds |
| Sodium Nitrate | " | Independent Chemical | 9,[illegible] pounds |
| Sodium Silicate | " | Occidental Chemical | 315,000 pounds |
| Sulfamic Acid | " | Independent Chemical | 1,3[illegible] pounds |
| Sodium Hydroxide | " | " " | 500 pounds |

Page 3.

CHEMICAL/SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

Name: Utility Mfg. Co. INC

Address: 700 Main St. Westbury, NY

Permit Num: 000306

Report Per: 1996

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Ammonium Bi-Flouride | Ingredient | Independent Chemical | 2000 pounds |
| Acetone | | Pride Solvents | 361 pounds |
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CHEMICAL/SOLVENT WASTE REPORT

Bureau of Land Resources Management
Nassau County Department of Health

Name: Utility Manufacturing Co., Inc.
Address: 700 Main Street, Westbury, NY 11590

Permit No. 000302
Report For 1996

List all waste generating chemicals and/or solvents purchased during the reporting peri
Indicate for each the purpose or use, trade name or supplier and the quantity purchase

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchase |
|---|---|---|---|
| Methanol | Ingredient | Pride Solvents | 300 gallons |
| Nonylphenoxpoly Ethanol surfactant | " | Pride Solvents Kramek Chemical | 3201 pounds |
| Ethylene Glycol Monobutyl Ether | " | " | 2047 pounds |
| Sodium Metabisulfite | " | Independent Chemical | 300 pounds |
| Emulsified Orthodichlorobenzene | " | Hart Products | 1519 pounds |
| Zinc Ammonium Chloride Solution | " | Madison Industries Mineral Research Co. | 13804 pounds |
| Methyl Pentachlor Stearate | " | Lenape Chemical | 500 pounds |
| Copper Sulfate Pentahydrate | " | Old Bridge Chemical | 9200 pounds |
| Sodium Tripolyphosphate | " | Independent " | 1600 pounds |
| Thiourea | " | " " | 771 pounds |
| Petroleum Naphtha | " | Novick Chemical Pride Solvents | 2222 Gallons |
| Sodium Hydroxide [illegible] Solution | " | G.F.I. Incorporated | 130640 pounds |
| Sorbitan Sesquioleate (Arlacel ()) | " | Independent Chemical | 17101 pounds |
| Copolymer Vinyl Acetate resin | " | Air Products Corp. | 12500 pounds |
| Dibutyl Phthalate | " | Pride Solvents | 485 pounds |
| Tetrachloroethylene (Perchloroethylene) | " | [illegible] | [illegible] |

RN RECEIPT REQUESTED

# VENT WASTE REPORT

of Land Resources Management

Nassau County Department of Health

| Name | Permit Numb: |
|---|---|
| Utility Manufacturing Co. | 000302 |
| **Address** | Report Perio: |
| 700 Main Street Westbury, NY 11590 | 1992 |

List all chemicals and/or solvents purchased during the reporting period. Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | How is Chemical or Solvent Used? | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Methanol | Ingredient | Various | 55 gallons |
| Nonylphenoxypoly Ethanol (ethyleneoxy) | " | " | 55 gallons |
| Ethylene Glycol Monobutyl Ether | " | " | 1660 lbs. |
| Rodine 85 Inhibitor | " | Parker/Amchem | 104 gallons |
| Emulsified Orthodichlorobenzene | " | Hart Products | 1574 lbs. |
| Zinc Chloride Ammonium Chloride Sol. | " | Mineral Research & Madison Industries | 89,549 lbs. |
| Methyl Pentachlor Stearate | " | Vanchem, Inc. | 0 |
| Copper Sulfate Pentahydrate | " | Various | 11,810 lbs. |
| Sodium Tripolyphosphate | " | " | 100 lbs. |
| Thiourea | " | " | 0 |
| 1,1,1 Trichloroethane | " | " | 0 |
| Petroleum Naptha | " | Unocal Chemical | 8,300 gallons |
| Mineral Spirits | " | Various | 0 |
| Sodium Hydroxide | " | " | 115,290 lbs. |
| Sorbitan Sesquioleate | " | I.C.I. America | 15,750 lbs. |
| Copolymer Vinyl Acetate Resin | " | Air Products | 13,000 lbs. |



(continued on reverse)

Chemical/Solvent Waste Report

For each shipment of wastes, complete the following table with the indicated information. ATTACH COPIES OF MANIFESTS OR RECEIPTS FROM SCAVENGER FOR EACH SHIPMENT MADE.

| Date of Shipment | Type of Waste (Chemical, oil or sludge, etc) | Amount Shipped | Shipped By | | | Shipped To (Final Disposal Site For Waste) |
|---|---|---|---|---|---|---|
| | | | Scavenger Name | Scavenger Address | Scavenger Number | |
| 3/23/95 | Waste combustible Petroleum Naphtha NA 1993 (D006,D008,D018, D035, D039,D040, (ERG#27) | 24 gallons | Safety-Kleen Corp. | 80 Seabro, No.Amityville, NY 11701 | KLD984908202 | 80 Seabro N.Amityville, NY 11701 |
| 4/17/95 | Same | 24 gals. | Same | Same | Same | Same |
| 6/12/95 | Same | 24 gals. | Same | Same | Same | Same |
| 8/8/95 | Same | 24 gals | Same | Same | Same | Same |
| 10/4/95 | Same | 17 Gals | Same | Same | Same | Same |
| 12/7/95 | Same | 11 Gals | Same | Same | Same | Same |
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Any accidental spills that occurred during the reporting period:

| Date of Spill | Amount of Spill | Describe the nature of spill |
|---|---|---|
| | | |
| | | |
| | | |

Signature of Company Official: [signature] Title: Operations Manager Date: 4/19/96

CHEMICAL/SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

| Name | Permit Num |
|---|---|
| Utility Mfg. Co., Inc. | 000302 |
| Address | Report Peri |
| 700 Main Street Westbury, NY 11590 | 1997 |

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Methyl Ethyl Ketone | Ingredient | Novick Chemicals | 13,760 pounds |
| Perchloroethylene | " | various | 27,280 pounds |
| Non-Ionic Surfactant | " | Pride Solvents | 23,296 pounds |
| Raybo disperse | " | Raybo Chemical | 80 pounds |
| Hydrochloric Acid | " | Independent Chemical | 36,953 pounds |
| Orthodicylorobenzene | " | Independent Chemical | 1,978 pounds |
| Propylene Glycol | " | various | 366,740 pounds |
| Sodium Tripolyphosphate | " | Independent Chemical | 1,600 pounds |
| Sodium Silicate | " | Occidental Chemical | 352,200 pounds |
| Sodium BiSulfate | " | Independent Chemical | 400 pounds |
| Petroleum Sodium Sulfonate | " | Ultra Chemical | 2,177 pounds |
| Sodium Hydroxide 50% - liquid | " | various | 130,500 pounds |
| Sodium Hydrosulfite | " | Independent Chemical | 250 pounds |
| Sodium Metabisulfate | " | Independent Chemical | 491 pounds |
| Pulverized Vinsol Resin | " | John H. Calo Co. | 1,000 pounds |
| Sulfamic Acid | " | Independent Chemical | 1,000 pounds |

File Copy



CHEMICAL/SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

Name: Utility Mfg. Co., Inc.

Address: 700 Main Street Westbury, NY 11590

Permit Num: 000 302

Report Peri: 1997

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| Benzoic Acid | Ingredient | Independent Chemical | 52 pounds |
| Blown Fish Oil | " | Werner G. Smith Inc. | 10,167 pounds |
| Aromtic 200 Naphtha | " | various | 2,650 gallons |
| Copolymer Acrylic Resin | " | Air Products Co. | 12,468 pounds |
| Copper Sulfate | " | Old Bridge Chemicals | 9,200 pounds |
| Naphthenic Oil | " | various | 15,122 gallons |
| Amino Methyl Propanol | " | Independent Chemical | 430 pounds |
| Ammonium Biflouride | " | Independent Chemical | 889 pounds |
| Dipottasium Phosphate | " | Browning Chemical | 9,150 pounds |
| Ethylene Glycol Monc Butyl Ether | " | various | 3,394 pounds |
| Graphite #3437 | " | Asbury Graphite | 2,400 pounds |
| Methyl Alcohol | " | various | 110 gallons |
| Ethyl Alcohol | " | Pride Solvents | 110 gallons |
| Ethylene Glycol | " | Pride Solvents | 1,030 pounds |
| D-Limonene Solvent | " | Pride Solvents | 389 pounds |
| Cyclohexanone | " | Percon Enterprises | 443 pounds |

CHEMICAL/SOLVENT WASTE REPORT

Bureau of Land Resources Management

Nassau County Department of Health

Name: Utility Mfg. Co., Inc.

Address: 700 Main Street Westbury, NY 11590

Permit Num: 000302

Report Peri: 1997

List all waste generating chemicals and/or solvents purchased during the reporting period Indicate for each the purpose or use, trade name or supplier and the quantity purchased.

| Name of Chemical or Solvent | Purpose or Use | Trade Name or Supplier | Quantity Purchased |
|---|---|---|---|
| titanium Dioxide | Ingredient | various | 1,000 pounds |
| Thiourea | " | Independent Chemical | 496 pounds |
| Sodium Hydroxide Dry Solid | " | various | 38,775 pounds |
| Sobiton Sesquioleate | " | Independent Chemical | 15,772 pounds |
| Tannic Acid | " | A & S Corp. | 220 pounds |
| Sulfuric Acid | " | Marsulex, Inc. | 1,450,960 pounds |
| Tetrahydrofuran | " | East Falls Corp. | 14,580 pounds |
| Wollastonite | " | D.H. Liter Co. | 120,000 pounds |
| Zinc Ammonium Chloride Solution | " | Madison Industries | 126,200 pounds |
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For each shipment of wastes, complete the following table with the indicated information. ATTACH COPIES OF MANIFESTS OR RECEIPTS FROM SCAVENGER FOR EACH SHIPMENT MADE.

| Date of Shipment | Type of Waste (Chemical, oil or solvents) | Amount Shipped | Shipped By | | | Shipped To (Final Disposal Site For Waste) |
|---|---|---|---|---|---|---|
| | | | Scavenger Name | Scavenger Address | Scavenger Number | |
| 1/8/97 | Waste Combustible Petroleum Naphtha | 7 gal | Safety - Kleen Corp. | 80 Seabro, No. Amityville, NY | ILD 98490 8202 | 80 Seabro N. Amityville, NY 11701 |
| | NA 1993 PG 111 (D001) D008, | | | | | |
| | D018, D027D039D640) | | | | | |
| | (ERG #128) | | | | | |
| 2/21/97 | Same | 10 gal. | Same | Same | Same | Same |
| 4/15/97 | " | 14 gal. | " | " | " | " |
| 6/13/97 | " | 14 gal. | " | " | " | " |
| 8/5/97 | " | 14 gal. | " | " | " | " |
| 10/3/97 | " | 13 gal. | " | " | " | " |
| | | | | | | |
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List any accidental spills that occurred during the reporting period:

| Date of Spill | Amount of Spill | Describe the nature of spill |
|---|---|---|
| | | |
| | | |
| | | |

Signature of Company [signature] Title Operations Manager Date: 1/15/98

# Appendix B:

## H2M Group 1988 Sampling Data

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

# LABORATORY REPORT

LAB NO. 872346
PROJECT NO. UTMF 8802 LA

**CLIENT'S NAME AND ADDRESS**

UTILITY MANUFACTURING CO,INC
710-712 MAIN ST.
WESTBURY, N.Y. 872351

TYPE OF SAMPLE - MISCELLANEOUS
DATE COLLECTED - 11/ 9/88
COLLECTED BY SYL 03
DATE RECEIVED - 11/ 9/88

E.P. TOXICITY PROCEDURE
SEDIMENT SAMPLES

| LAB NO. | SAMPLE ID INFORMATION | ARSENIC | BARIUM | CADMIUM | CHROM-IUM | LEAD | MERCURY |
|---|---|---|---|---|---|---|---|
| 872346 | DRYWELL #1 & 2 | <0.50 | 0.65 | 31.0 # | <0.01 | 0.99 | <0.20# |
| 872347 | DRYWELL #3 & 4 | <0.50 | 0.50 | <5.00# | <0.01 | <0.10 | <0.20# |
| 872348 | DRYWELL #5 & 6 | <0.50 | 0.41 | <5.00# | <0.01 | <0.10 | <0.20# |
| 872349 | S1-SEPTIC TANK | <0.50 | 0.40 | <5.00# | <0.01 | <0.10 | <0.20# |
| 872350 | S2-LEACHING POOL | <0.50 | 0.35 | 5.00# | 0.01 | <0.10 | 2.20# |
| 872351 | S3-LEACHING POOL | <0.50 | <0.20 | <5.00# | <0.01 | <0.10 | <0.20# |

REMARKS - BILLS & REPORTS:SYL

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 11/28/88

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

# LABORATORY REPORT

LAB NO. 872346
PROJECT NO. UTMF 8802 LA

| CLIENT'S NAME AND ADDRESS | TYPE OF SAMPLE - MISCELLANEOUS<br>DATE COLLECTED - 11/ 9/88<br><br>E.P. TOXICITY PROCEDURE<br>SEDIMENT SAMPLES | COLLECTED BY SYL 03<br>DATE RECEIVED - 11/ 9/88 |
|---|---|---|
| UTILITY MANUFACTURING CO,INC<br>710-712 MAIN ST.<br>WESTBURY, N.Y. 872351 | | |

| LAB NO. | SAMPLE ID INFORMATION | SELENIUM | SILVER |
|---|---|---|---|
| 872346 | DRYWELL #1 & 2 | <0.20 | <0.01 |
| 872347 | DRYWELL #3 & 4 | <0.20 | <0.01 |
| 872348 | DRYWELL #5 & 6 | <0.20 | <0.01 |
| 872349 | S1-SEPTIC TANK | <0.20 | <0.01 |
| 872350 | S2-LEACHING POOL | <0.20 | <0.01 |
| 872351 | S3-LEACHING POOL | <0.20 | <0.01 |

REMARKS - BILLS & REPORTS:SYL

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 11/28/88

LABORATORY DIRECTOR

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575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

# LABORATORY REPORT

LAB NO. 872339
PROJECT NO. UTMF 8802 LA

CLIENT'S NAME AND ADDRESS

UTILITY MANUFACTURING CO,INC
710-712 MAIN ST.
WESTBURY, N.Y. 11590

TYPE OF SAMPLE - MISCELLANEOUS
DATE COLLECTED - 11/ 9/88
COLLECTED BY SYL 03
DATE RECEIVED - 11/ 9/88

LIQUID SAMPLES

| LAB NO. | SAMPLE ID INFORMATION | ARSENIC | BARIUM | CADMIUM | CHROMIUM | LEAD | MERCURY |
|---|---|---|---|---|---|---|---|
| 872339 | FIELD BLANK | <5.00# | <0.20 | <5.00# | <0.02 | <5.00# | <0.20# |
| 872340 | DRYWELL #1 & 2 | <5.00# | <0.20 | <5.00# | <0.02 | 5.00# | <0.20# |
| 872341 | DRYWELL #3 & 4 | <5.00# | <0.20 | <5.00# | 0.02 | 250.# | <0.20# |
| 872342 | DRYWELL #5 & 6 | <5.00# | <0.20 | <5.00# | 0.04 | 220.# | <0.20# |
| 872343 | S1-SEPTIC TANK | 9.00# | 1.80 | 64.0 # | 0.32 | 3.31 | 0.40# |
| 872344 | S2-LEACHING POOL | <5.00# | <0.20 | <5.00# | 0.02 | 110.# | 0.32# |
| 872345 | S3-LEACHING POOL | <5.00# | <0.20 | <5.00# | 0.03 | 120.# | <0.20# |

REMARKS - BILLS & REPORTS:SYL

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L.) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 12/15/88

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

# LABORATORY REPORT

LAB NO. 872339
PROJECT NO. UTMF 8802 LA

CLIENT'S NAME AND ADDRESS

UTILITY MANUFACTURING CO,INC
710-712 MAIN ST.
WESTBURY, N.Y. 11590

TYPE OF SAMPLE - MISCELLANEOUS
DATE COLLECTED - 11/ 9/88
COLLECTED BY SYL 03
DATE RECEIVED - 11/ 9/88

LIQUID SAMPLES

| LAB NO. | SAMPLE ID INFORMATION | SELENIUM | SILVER |
|---|---|---|---|
| 872339 | FIELD BLANK | <5.00# | <0.02 |
| 872340 | DRYWELL #1 & 2 | <5.00# | <0.02 |
| 872341 | DRYWELL #3 & 4 | <5.00# | <0.02 |
| 872342 | DRYWELL #5 & 6 | <5.00# | <0.02 |
| 872343 | S1-SEPTIC TANK | <5.00# | <0.02 |
| 872344 | S2-LEACHING POOL | <5.00# | <0.02 |
| 872345 | S3-LEACHING POOL | <5.00# | <0.02 |

REMARKS - BILLS & REPORTS:SYL

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 12/15/88

LABORATORY DIRECTOR

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872320
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #1 & 2
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| Chloromethane | 1) | 60 |
| Bromomethane | 1) | 170 |
| Vinyl Chloride | 1) | 150 |
| Chloroethane | 1) | 150 |
| Methylene Chloride | | 1000 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | 50 |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | 130 |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | 86 |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | 250 |
| Chlorobenzene | | ND |
| Ethylbenzene | | 26 |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 25 ug/kg

ND - Under quantification limit.

1) Quantification limit: 50 ug/kg

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872321
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #3 & 4
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | ug/kg Dry Wt. |
|---|---|
| Chloromethane | 1) ND |
| Bromomethane | 1) ND |
| Vinyl Chloride | 1) ND |
| Chloroethane | 1) ND |
| Methylene Chloride | 2) 17000 |
| Trichlorofluoromethane | ND |
| 1,1-Dichloroethene | ND |
| 1,1-Dichloroethane | ND |
| cis/trans-1,2-Dichloroethene | ND |
| Chloroform | ND |
| 1,2-Dichloroethane | ND |
| 1,1,1-Trichloroethane | ND |
| Carbon Tetrachloride | ND |
| Bromodichloromethane | ND |
| 1,2-Dichloropropane | ND |
| trans-1,3-Dichloropropene | ND |
| Trichloroethene | ND |
| Dibromochloromethane | ND |
| 1,1,2-Trichloroethane | ND |
| cis-1,3-Dichloropropene | ND |
| Benzene | ND |
| 2-Chloroethylvinyl Ether | 1) ND |
| Bromoform | ND |
| 1,1,2,2-Tetrachloroethane | ND |
| Tetrachloroethene | ND |
| Toluene | 10000 |
| Chlorobenzene | ND |
| Ethylbenzene | ND |
| 1,2-Dichlorobenzene | ND |
| 1,3-Dichlorobenzene | ND |
| 1,4-Dichlorobenzene | ND |

Quantification limit: 860 ug/kg

ND - Under quantification limit.

1) Quantification limit: 1700 ug/kg

2) Analyte present in method blank in the following concentrations: Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872322
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #5 & 6
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 3300 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | 8900 |
| Chloroform | | 2900 |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | 2700 |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | 6700 |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | 3100 |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | 7900 |
| 1,3-Dichlorobenzene | | 2800 |
| 1,4-Dichlorobenzene | | 4400 |

Quantification limit: 2300 ug/kg

ND - Under quantification limit.

1) Quantification limit: 4600 ug/kg

2) Analyte present in method blank in the following concentrations: Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872323
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S1-Septic Tank
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 1600 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | 1000 |
| cis/trans-1,2-Dichloroethene | | 36000 |
| Chloroform | | 1200 |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | 6000 |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | 7000 |
| Toluene | | 6000 |
| Chlorobenzene | | 1000 |
| Ethylbenzene | | 2200 |
| 1,2-Dichlorobenzene | | 51000 |
| 1,3-Dichlorobenzene | | 27000 |
| 1,4-Dichlorobenzene | | 22000 |

Quantification limit: 1000 ug/kg

ND - Under quantification limit.

1) Quantification limit: 2000 ug/kg

2) Analyte present in method blank in the following concentrations: Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872324
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S2-Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 11000 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | 76000 |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | 40000 |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | 130000 |
| 1,3-Dichlorobenzene | | 160000 |
| 1,4-Dichlorobenzene | | 160000 |

Quantification limit: 10200 ug/kg

ND - Under quantification limit.

1) Quantification limit: 20400 ug/kg

2) Analyte present in method blank in the following concentrations: Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Mfg. Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872325
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S3-Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 14000 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | 110000 |
| Chloroform | | 9400 |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | 63000 |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | 65000 |
| 1,3-Dichlorobenzene | | 39000 |
| 1,4-Dichlorobenzene | | 40000 |

ND - Under quantification limit.

1) Quantification limit: 16000 ug/kg

2) Analyte present in method blank in the following concentrations: Methylene chloride: 5 ug/l

Date Analyzed: 12/19/88
Date Reported: 1/11/89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872313
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Field Blank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/l |
|---|---|---|
| Chloromethane | 1) | 28 |
| Bromomethane | 1) | 140 |
| Vinyl Chloride | 1) | 130 |
| Chloroethane | 1) | 100 |
| Methylene Chloride | | 170 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872314
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Trip Blank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/l |
|---|---|---|
| Chloromethane | 1) | 12 |
| Bromomethane | 1) | 70 |
| Vinyl Chloride | 1) | 56 |
| Chloroethane | 1) | 48 |
| Methylene Chloride | | 200 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

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(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872315
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #2
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/l |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | 24 |
| Vinyl Chloride | 1) | 23 |
| Chloroethane | 1) | 17 |
| Methylene Chloride | | 120 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872316
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #4
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/l |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | 10 |
| Chloroethane | 1) | ND |
| Methylene Chloride | | 190 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | 150 |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872317
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #5
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/l |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | 10 |
| Chloroethane | 1) | ND |
| Methylene Chloride | | 60 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | 65 |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | 50 |
| 1,3-Dichlorobenzene | | 47 |
| 1,4-Dichlorobenzene | | 71 |

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872318
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S-2 Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/l |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | | 180 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | 120 |
| cis/trans-1,2-Dichloroethene | | 740 |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | 110 |
| Chlorobenzene | | 6 |
| Ethylbenzene | | 5 |
| 1,2-Dichlorobenzene | | 420 |
| 1,3-Dichlorobenzene | | 180 |
| 1,4-Dichlorobenzene | | 220 |

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

Date Analyzed: 12/1/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872319
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S-3 Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/l |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | | 180* |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | 80 |
| cis/trans-1,2-Dichloroethene | | 500 |
| Chloroform | | 8 |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | 14 |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | 160 |
| Toluene | | 58 |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | 290 |
| 1,3-Dichlorobenzene | | 110 |
| 1,4-Dichlorobenzene | | 100 |

Quantification limit: 5 ug/l

ND - Under quantification limit.

1) Quantification limit: 10 ug/l

* Compound also found in blank

Date Analyzed: 12/2/88
Date Reported: 12/9/88

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manf. Co. Inc.
710-712 Main Street
Westbury. NY 11590

Sample Lab No. 872333
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #1 & 2
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg Dry Wt. | | ug/kg Dry Wt. |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | 10 |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | 320 |
| Nitrobenzene | ND | Pyrene | 470 |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | 1100 |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | 7700 |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 280 ug/kg unless otherwise indicated)
1) Quantification limit: 2200 ug/kg
2) Quantification limit: 560 ug/kg
3) Analyte present in method blank: 28 ug/l

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

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John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872333
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #1 & 2
Sediment Samples
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 280 ug/kg (unless otherwise indicated)
1) Quantification limit: 1400 ug/kg

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872334
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #3 & 4
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg | | ug/kg |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | 1600 | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | 12000 |
| 1,2-Dichlorobenzene | 550 | Anthracene | 14000 |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | 2600 |
| Nitrobenzene | ND | Pyrene | 980 |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | 1100 |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | 4100 |
| Naphthalene | 6600 | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | 370 |
| Acenaphthylene | 740 | Benzo(b)fluoranthene | ND |
| Acenaphthene | 870 | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | 1200 | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 310 ug/kg unless otherwise indicated)
1) Quantification limit: 2500 ug/kg
2) Quantification limit: 620 ug/kg
3) Analyte present in method blank: 28 ug/l

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

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John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co, Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872334
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #3 & 4
Sediment Samples
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 310 ug/kg (unless otherwise indicated)
1) Quantification limit: 1600 ug/kg

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872335
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #5 & 6
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg | | ug/kg |
|---|---|---|---|
| 1.3-Dichlorobenzene | 290000 | N-Nitrosodiphenylamine | ND |
| 1.4-Dichlorobenzene | 360000 | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1.2-Dichlorobenzene | 390000 | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1.2.4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | 30000 |
| Naphthalene | 84000 | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3.3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2.6-Dinitrotoluene | ND | Indeno(1.2.3-c.d)pyrene | ND |
| Fluorene | ND | Dibenzo(a.h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g.h.i)perylene | ND |
| 2.4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1.2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 7200 ug/kg unless otherwise indicated)
1) Quantification limit: 58000 ug/kg
2) Quantification limit: 14000 ug/kg
3) Analyte present in method blank: 44 ug/l

Date Extracted: 12/6/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

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John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872335
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: Drywell #5 & 6
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 7200 ug/kg (unless otherwise indicated)
1) Quantification limit: 36000 ug/kg

Date Extracted: 11/6/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

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575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872336
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S1- Septic Tank
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg | | ug/kg |
|---|---|---|---|
| 1,3-Dichlorobenzene | 6800 | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | 14000 | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | 32000 | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | 45000 |
| Naphthalene | 34000 | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 4400 ug/kg unless otherwise indicated)
1) Quantification limit: 35000 ug/kg
2) Quantification limit: 8800 ug/kg
3) Analyte present in method blank: 28 ug/l

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

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* JM Molloy *
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John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872336
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S1- Septic Tank
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 4400 ug/kg (unless otherwise indicated)
1) Quantification limit: 22000 ug/kg

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

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* John J. Molloy, P.E.
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John J. Molloy, P.E.
Laboratory Director

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575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co, Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872337
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S2- Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg | | ug/kg |
|---|---|---|---|
| 1,3-Dichlorobenzene | 11000 | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | 23000 | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | 2400 |
| 1,2-Dichlorobenzene | 14000 | Anthracene | 2500 |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | 16000 | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | 55000 |
| Naphthalene | 30000 | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 1100 ug/kg unless otherwise indicated)
1) Quantification limit: 8800 ug/kg
2) Quantification limit: 2200 ug/kg
3) Analyte present in method blank: 28 ug/l

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

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Laboratory Director

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(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co, Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872337
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S2- Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | 3300 |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 1100 ug/kg (unless otherwise indicated)
1) Quantification limit: 5500 ug/kg

Date Extracted: 11/18/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manf. Co, Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872338
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S3- Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg | | ug/kg |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | 35000 | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | 63000 | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | 120000 |
| Naphthalene | 50000 | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 25000 ug/kg unless otherwise indicated)
1) Quantification limit: 200000 ug/kg
2) Quantification limit: 50000 ug/kg
3) Analyte present in method blank: 44 ug/l

Date Extracted: 12/6/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

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Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manf. Co. Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872338
Date Collected: 11/9/88
Date Received: 11/9/88
Type: Misc.
Point: S3- Leaching Pool
Sediment Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg Dry Wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 25000 ug/kg (unless otherwise indicated)
1) Quantification limit: 125000 ug/kg

Date Extracted: 12/6/88
Date Analyzed: 12/17/88
Date Reported: 1/3/89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872326
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Field Blank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/l | | ug/l |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 160 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872326
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Field Blank
Liquid Samples
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/l |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

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John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872327
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #1 & 2
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/l | | ug/l |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872327
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #1 & 2
Liquid Samples
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/l |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

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John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872328
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #3 & 4
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/l | | ug/l |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 45 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872328
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #3 & 4
Liquid Samples
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/l |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

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John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872329
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #5 & 6
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/l | | | ug/l |
|---|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | | ND |
| 1,4-Dichlorobenzene | 12 | Hexachlorobenzene | | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | | ND |
| 1,2-Dichlorobenzene | 10 | Anthracene | | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | | ND |
| Nitrobenzene | ND | Pyrene | | ND |
| Hexachlorobutadiene | ND | Benzidine | 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | 3) | ND |
| Naphthalene | ND | Chrysene | | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | | ND |
| 1,2-Diphenyl hydrazine | ND | | | |
| Diethyl phthalate | ND | | | |

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 60 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872329
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: Drywell #5 & 6
Liquid Samples
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/l |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

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* JM Molloy *
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John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872330
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S1 - Septic Tank
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/l | | ug/l |
|---|---|---|---|
| 1,3-Dichlorobenzene | 34 | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | 66 | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | 180 | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | 15 |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 220 ug/l

Date Extracted: 11/14/88
Date Analyzed: 11/21/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872330
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S1 - Septic Tank
Liquid Samples
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/l |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | 93 |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/14/88
Date Analyzed: 11/21/88
Date Reported: 11/23/88

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John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872331
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S2 - Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/l | | ug/l |
|---|---|---|---|
| 1,3-Dichlorobenzene | 81 | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | 100 | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | 150 | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | 23 |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 90 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872331
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S2 - Leaching Pool
Liquid Samples
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/l |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | 32 |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/15/88
Date Reported: 11/23/88

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John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufacturing Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872332
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S3 - Leaching Pool
Liquid Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/l | | ug/l |
|---|---|---|---|
| 1,3-Dichlorobenzene | 36 | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | 39 | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | 120 | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | 18 |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine 1) | ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate 3) | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine 2) | ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 80 ug/l
2) Quantification limit: 20 ug/l
3) Raised quantification limit in presence of an interference: 80 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/21/88
Date Reported: 11/23/88

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Utility Manufactoring Co., Inc.
710-712 Main Street
Westbury, NY 11590

Sample Lab No. 872332
Date Collected: 11/09/88
Date Received: 11/09/88
Type: Miscellaneous
Point: S3 - Leaching Pool
Liquid Samples
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | ug/l |
|---|---|
| 2-Chlorophenol | ND |
| 2-Nitrophenol | ND |
| Phenol | 42 |
| 2,4-Dimethylphenol | ND |
| 2,4-Dichlorophenol | ND |
| 2,4,6-Trichlorophenol | ND |
| 4-Chloro-3-methylphenol | ND |
| 2,4-Dinitrophenol | 1) ND |
| 2-Methyl-4,6-dinitrophenol | 1) ND |
| Pentachlorophenol | ND |
| 4-Nitrophenol | 1) ND |

ND - Under quantification limit.
Quantification limit: 10 ug/l (unless otherwise indicated)
1) Quantification limit: 50 ug/l

Date Extracted: 11/11/88
Date Analyzed: 11/21/88
Date Reported: 11/23/88

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John J. Molloy, P.E.
Laboratory Director

# Appendix C:

# H2M Group 1989 Endpoint Sampling Data

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing Co.
700-712 Main Street
Westbury, NY 11590
Attn: Ms. Audie Kranz

Sample Lab No. 968320
Date Collected: 10/16/89
Date Received: 10/17/89
Type: Misc.
Point: Drywell #1
Drywell Soil Samples
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/Kg Dry Wt. |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | | ND |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/Kg

ND - Under quantification limit.

1) Quantification limit: 10 ug/Kg

Date Analyzed: 10/18/89
Date Reported: 10/19/89

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John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing Co.
700-712 Main St.
Westbury, N.Y. 11590

Sample Lab No. 968889
Date Collected: 10-23-89
Date Received: 10-24-89
Type: Soil Sample
Point: DW #2
Collected By: SYL 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | ug/kg dry wt. |
|---|---|
| Chloromethane | 1) ND |
| Bromomethane | 1) ND |
| Vinyl Chloride | 1) ND |
| Chloroethane | 1) ND |
| Methylene Chloride | ND |
| Trichlorofluoromethane | ND |
| 1,1-Dichloroethene | ND |
| 1,1-Dichloroethane | ND |
| cis/trans-1,2-Dichloroethene | ND |
| Chloroform | ND |
| 1,2-Dichloroethane | ND |
| 1,1,1,-Trichloroethane | ND |
| Carbon Tetrachloride | ND |
| Bromodichloromethane | ND |
| 1,2-Dichloropropane | ND |
| trans-1,3-Dichloropropene | ND |
| Trichloroethene | ND |
| Dibromochloromethane | ND |
| 1,1,2-Trichloroethane | ND |
| cis-1,3-Dichloropropene | ND |
| Benzene | ND |
| 2-Chloroethylvinyl Ether | 1) ND |
| Bromoform | ND |
| 1,1,2,2-Tetrachloroethane | ND |
| Tetrachloroethene | ND |
| Toluene | ND |
| Chlorobenzene | ND |
| Ethylbenzene | ND |
| 1,2-Dichlorobenzene | ND |
| 1,3-Dichlorobenzene | ND |
| 1,4-Dichlorobenzene | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 9 ug/kg

Date Analyzed: 10/26/89
Date Reported: 10/31/89

John J. Molloy, P.E.
Laboratory Director

Road, Melville, N.Y. 11747 , N.Y. 11747 lle, N.Y. 11747
FAX: (516) 694-4122 122 4-4122

INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

and INDUSTRIAL ANALYTICAL LABORATORY

Sample Lab No. 968323
Date Collected: 10/16/89
Date Received: 10/17/89
Type: Misc.
Point: Drywell #6
Drywell Soil Samples
Collected By: SYL 03

IS - PURGEABLE ORGANICS

| | ug/Kg Dry Wt. |
|---|---|
| | 1) ND |
| | 1) ND |
| | 1) ND |
| | 1) ND |
| | ND |
| | ND |
| | ND |
| | ND |
| ne | ND |
| | ND |
| | ND |
| | ND |
| | ND |
| | ND |
| | ND |
| | ND |
| | ND |
| | ND |
| | 1) ND |
| | ND |
| | ND |
| | 1700 |
| | ND |
| | ND |
| | ND |
| | 110 |
| | 140 |
| | 170 |

ion Limit

Quantification limit: 5 ug/Kg

ND - Under quantification limit.

1) Quantification limit: 10 ug/Kg

**********
*
*
**********

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing Co.
700-712 Main Street
Westbury, N.Y. 11590

Sample Lab No. 969478
Date Collected: 11-2-89
Date Received: 11-2-89
Type: Miscellaneous
Point: Leaching Pool Soil Sample S-3
UTMF - 8801 (Sanitary)
Collected By: CC 03

## PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg dry wt. |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | | ND |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 6 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 11 ug/kg

Date Analyzed: 11-9-89
Date Reported: 11-14-89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

# LABORATORY REPORT

LAB NO. 969479
PROJECT NO. UTMF-8801

| CLIENT'S NAME AND ADDRESS | |
|---|---|
| UTILITY MANUFACTURING CO.<br>700-712 MAIN ST.<br>WESTBURY, NY 11590 | TYPE OF SAMPLE - MISCELLANEOUS COLLECTED BY CC 03<br>DATE COLLECTED - 11/ 2/89 DATE RECEIVED - 11/ 2/89<br>E.P. TOXICITY<br>LEACHING POOL SOIL SAMPLE S-3 |

| PARAMETER | RESULT |
|---|---|
| ARSENIC | <53.0 # |
| BARIUM | <0.20 |
| CADMIUM | <5.00# |
| CHROMIUM | 0.05 |
| LEAD | <60.0 # |
| MERCURY | <0.20# |
| SELENIUM | <74.0 # |
| SILVER | <0.01 |

REMARKS - BILLS & REPORTS: SYL ATTN: AUDIE KRANZ

ALL RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 11/28/89

LABORATORY DIRECTOR

Appendix D:

H2M Group Drywell #6 Post-Remediation Correspondence

H2MGROUP

**Holzmacher, McLendon and Murrell, P.C. ● Holzmacher, McLendon and Murrell, Inc. ● H2M Labs, Inc.**
Engineers, Architects, Scientists, Planners, Surveyors

575 Broad Hollow Road, Melville, N.Y. 11747-5076
(516) 756-8000 ● (201) 575-5400
FAX: 516-694-4122

April 16, 1990

Ms. Angela Pettinelli
Nassau County Department of
Health
240 Old Country Road
Mineola, New York 11501

Re: Utility Manufacturing Co., Inc.
Drywell Sample

Dear Ms. Pettinelli:

The purpose of this letter is to present to your office the analytical result of a drywell sample collected on March 20, 1990 from the above-referenced facility. The sample was collected from Drywell No. 6 after a post-remediation soil sample (collected on October 16, 1989) showed levels of trichloroethylene at 1.7 mg/kg. Resampling of this drywell was requested by your office with a split sample provided to NCDOH.

Analytical data from the recent drywell sample did not show the presence of any volatile organic compounds at the method detection limit. Based on the attached analytical data and previously submitted confirmatory sample data, we consider the overall remediation of Utility Manufacturing's on-site leaching pools to have been satisfactorily completed.

If you have any questions or comments, please call or write this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Sui Leong

Sui Y. Leong

SYL/cdr

✓ cc: Audie Kranz/Utility Manufacturing Co., Inc.

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing Co.
700-712 Main Street
Westbury, NY 11590

Sample Lab No. 755511
Date Collected: 03/22/90
Date Received: 03/22/90
Type: Miscellaneous
Point: Drywell Soil Sample
Collected By: SYL 03

## PRIORITY POLLUTANTS ANALYSIS - PURGEABLE ORGANICS

| Compound | | ug/kg dry wt. |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | | ND |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| Trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzene | | ND |
| 2-Chloroethylvinylether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 6 ug/kg

ND - Under quantification limit.

1) Quantification limit: 12 ug/kg

**********

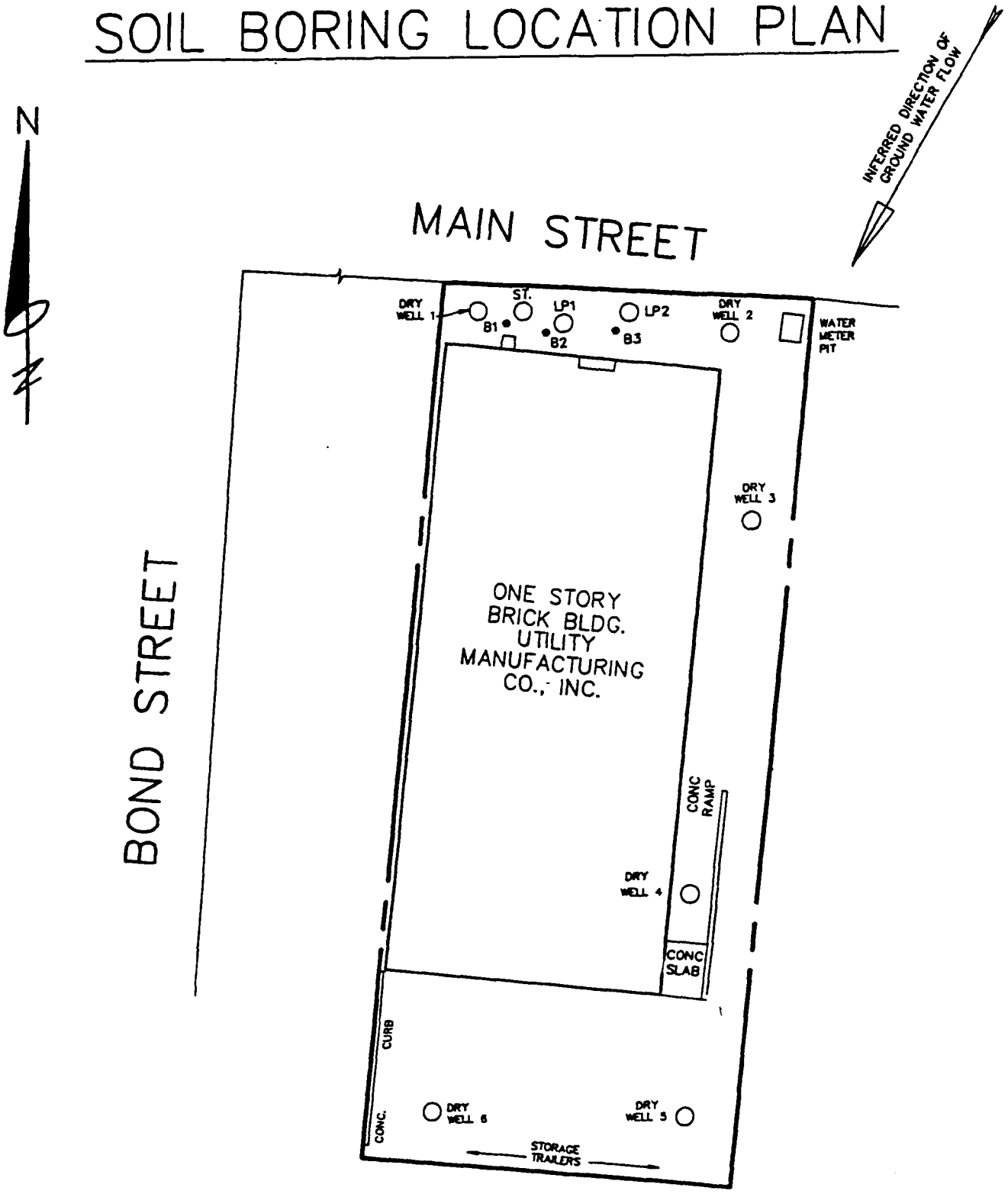
John J. Molloy, P.E.
Laboratory Director

Date Analyzed: 3/30/90
Date Reported: 4/02/90

Appendix E:

H2M Group Soil Boring Summary, Data and Plot Plan

# SOIL BORING LOCATION PLAN




**LEGEND**

● SOIL BORING LOCATION

SCALE: 1"=50'

UTMF-8501

UTILITY MANUFACTURING CO.

BASE NEUTRALS

ACID EXTRACTABLES

B-1 - West Side of Septic Tank

| | |
|---|---|
| 15-17' | ND |
| 25-27' | ND |
| 35-37' | ND |
| 45-47' | ND |
| 55-57'* | ND |

B-2 - Between LP1 and Septic Tank

| | |
|---|---|
| 15-17' | ND |
| 25-27' | ND |
| 35-37' | ND |
| 45-47' | ND |
| 55-57'* | ND |

B-3 - Between LP1 and LP2

| | |
|---|---|
| 10-12' | ND |
| 20-22' | ND |
| 40-42' | ND |
| 50-52' | ND |
| 55-57'* | ND |

* Sample location split with NCDOH
All concentrations reported in ug/kg (ppb)

ND = Non-detected

UTILITY MANUFACTURING CO.

PRIORITY POLLUTANT METALS

B-1 - WEST SIDE OF SEPTIC TANK

| | 15-17 | 25-27 | 35-37 | 45-47 | 55-57* | Normal Earth's Crust |
|---|---|---|---|---|---|---|
| Antimony | <6.10 | <6.10 | <7.00 | <6.40 | <7.00 | 2-10 |
| Arsenic | <1.00 | 1.10 | 1.60 | <1.10 | 1.70 | 6.0 |
| Beryllium | <0.51 | <0.51 | <0.58 | <0.53 | <0.58 | 6.0 |
| Cadmium | <0.51 | <0.51 | <0.58 | <0.53 | 0.81 | 0.5 |
| Chromium | 2.00 | 2.00 | 3.50 | <1.10 | 2.30 | 100 |
| Copper | 3.10 | 3.00 | 27.8 | <2.10 | 11.6 | 20 |
| Lead | 1.20 | 1.30 | 2.10 | 4.90 | 3.50 | 10 |
| Mercury | <0.09 | <0.09 | 0.23 | <0.09 | 0.09 | 0.03 |
| Nickel | <4.10 | <4.00 | <4.60 | <4.20 | <4.60 | 40 |
| Selenium | <0.51 | <0.50 | <0.58 | <0.53 | <0.58 | 0.2 |
| Silver | <1.00 | <1.00 | <1.20 | <1.10 | <1.20 | 0.1 |
| Thallium | <1.00 | <1.00 | <1.20 | <1.10 | <1.20 | 0.1 |
| Zinc | 173 | 5.10 | 9.30 | <2.10 | 3.50 | |

* Sample location split with NCDOH
All concentrations reported in mg/kg (ppm)

UTILITY MANUFACTURING CO.

PRIORITY POLLUTANT METALS

B-2 - BETWEEN LP1 AND SEPTIC TANK

| | 15-17 | 25-27 | 35-37 | 45-47 | 55-57* | Normal Earth's Crust |
|---|---|---|---|---|---|---|
| Antimony | <7.20 | <7.20 | <6.70 | <6.70 | <7.40 | 2-10 |
| Arsenic | <1.20 | <1.20 | 1.20 | <1.10 | 2.60 | 6.0 |
| Beryllium | <0.60 | <0.60 | <0.56 | <0.56 | <0.62 | 6.0 |
| Cadmium | 0.96 | 0.72 | <0.56 | <0.56 | <0.62 | 0.5 |
| Chromium | 7.20 | 4.80 | 4.40 | 2.20 | 2.50 | 100 |
| Copper | 16.8 | 6.00 | 4.40 | 3.30 | 8.60 | 20 |
| Lead | 5.9 | 2.00 | 4.20 | 7.40 | 7.50 | 10 |
| Mercury | <0.10 | <0.10 | <0.09 | <0.11 | <0.08 | 0.03 |
| Nickel | <4.80 | <4.80 | <4.40 | <4.40 | <4.90 | 40 |
| Selenium | <0.60 | <0.60 | <0.56 | <0.56 | <0.60 | 0.2 |
| Silver | <1.20 | <1.20 | <1.10 | <1.10 | <1.20 | 0.1 |
| Thallium | <1.20 | <1.20 | <1.10 | <1.10 | <1.20 | 0.1 |
| Zinc | 132 | 144 | 18.9 | 3.3 | 7.40 | 50 |

* Sample location split with NCDOH
All concentrations reported in mg/kg (ppm)

UTILITY MANUFACTURING CO.

PRIORITY POLLUTANT METALS

B-3 - BETWEEN LP1 AND LP2

| | 10-12 | 20-22 | 30-32 | 40-42 | 50-52 | 55-57* | Normal Earth's Crust |
|---|---|---|---|---|---|---|---|
| Antimony | <7.20 | <7.10 | <6.20 | <6.80 | <6.90 | <7.30 | 2-10 |
| Arsenic | <1.20 | <1.10 | <1.00 | <1.10 | <1.10 | <2.00 | 6.0 |
| Beryllium | <0.60 | <0.60 | <0.52 | <0.57 | <0.58 | <0.61 | 6.0 |
| Cadmium | <0.60 | <0.60 | <0.52 | <0.57 | <0.58 | <0.61 | 0.5 |
| Chromium | 4.80 | 3.60 | 3.10 | 2.30 | 3.50 | 3.60 | 100 |
| Copper | 2.40 | 7.10 | 11.3 | 3.40 | 5.80 | 25.4 | 20 |
| Lead | 1.20 | 2.20 | 2.40 | 8.40 | 7.00 | <8.40 | 10 |
| Mercury | <0.05 | <0.06 | <0.03 | <0.0[illegible] | <0.05 | <0.10 | 0.03 |
| Nickel | <4.80 | <4.80 | <4.10 | <4.60 | <4.60 | 4.80 | 40 |
| Selenium | <0.60 | <0.60 | <0.50 | <0.57 | <0.56 | <0.30 | 0.2 |
| Silver | <1.20 | <1.20 | <1.00 | <1.10 | <1.20 | 1.20 | 0.1 |
| Thallium | <1.20 | <1.20 | <1.00 | <1.10 | <1.[illegible] | <0.60 | 0.1 |
| Zinc | 8.40 | 17.9 | 9.30 | 6.80 | 6.90 | 18.2 | 50 |

* Sample location split with NCDOH
All concentrations reported in mg/kg (ppm)

UTILITY MANUFACTURING CO.

PRIORITY POLLUTANT PURGEABLE ORGANICS

B-1 - WEST SIDE OF SEPTIC TANK

| | | |
|---|---|---|
| 15-17' | Methylene Chloride | 31 |
| | Trichloroethene | 31 |
| 25-27' | Methylene Chloride | 43 |
| 35-37' | Methylene Chloride | 25 |
| | Trichloroethene | 19 |
| 45-47' | Methylene Chloride | 65 |
| | Trichloroethene | 5 |
| 55-57'* | Methylene Chloride | 77 |
| | 1,1-Dichloroethane | 16 |
| | cis/trans-1,2-Dichloroethene | 22 |
| | 1,1,1-Trichloroethane | 22 |

* Sample location split with NCDOH
All concentrations reported in ug/kg (ppb)
All other purgeable organic parameters not detected at the method detection limit.

UTILITY MANUFACTURING CO.

PRIORITY POLLUTANT PURGEABLE ORGANICS

B-2 - BETWEEN LP1 AND SEPTIC TANK

| | | |
|---|---|---|
| 15-17' | Methylene Chloride | 5 |
| | 1,2-Dichlorobenzene | 23 |
| | 1,3-Dichlorobenzene | 11 |
| | 1,4-Dichlorobenzene | 17 |
| 25-27' | Methylene Chloride | 24 |
| 35-37' | Methylene Chloride | 7 |
| 45-47' | Methylene Chloride | 68 |
| 55-57'* | Methylene Chloride | 55 |
| | 1,1-Dichloroethane | 19 |
| | cis/trans-1,2-Dichloroethene | 60 |
| | 1,1,1-Trichloroethane | 42 |
| | Tetrachloroethene | 14 |

* Sample location split with NCDOH
All concentrations reported in ug/kg (ppb)
All other purgeable organic parameters not detected at the method detection limit.

UTILITY MANUFACTURING CO.

PRIORITY POLLUTANT PURGEABLE ORGANICS

B-3 - BETWEEN LP1 AND LP2

| | | |
|---|---|---|
| 10-12' | Methylene Chloride | 24 |
| 20-22' | Methylene Chloride | 53 |
| 30-32' | Methylene Chloride | 27 |
| 40-42' | Methylene Chloride | 55 |
| 50-52' | Methylene Chloride | 40 |
| 55-57'* | Methylene Chloride | 66 |
| | cis/trans-1,2-Dichloroethene | 8 |
| | 1,1,1-Trichloroethane | 7 |

* Sample location split with NCDOH
All concentrations reported in ug/kg (ppb)
All other purgeable organic parameters not detected at the method detection limit.

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956370
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA #B-1 (15 to 17
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg Dry Weight | | ug/kg Dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 330 ug/kg (unless otherwise indicated)
1) Quantification limit: 660 ug/kg
2) Quantification limit: 2600 ug/kg
Date Extracted: 4-19-89
Date Run: 4-24-89
Date Reported: 5-1-89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956370
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-1 15 to 17
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 330 ug/kg (unless otherwise indicated)
1) Quantification limit: 1700 ug/kg

Date Extracted: 4-19-89
Date Run: 4-24-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956371
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-1 (25-27 Ft.
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 330 ug/kg (unless otherwise indicated)
1) Quantification limit: 660 ug/kg
2) Quantification limit: 2600 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956371
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-1 25 to 27
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 330 ug/kg (unless otherwise indicated)
1) Quantification limit: 1700 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956372
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-1 (35-37 Ft
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 370 ug/kg (unless otherwise indicated)
1) Quantification limit: 740 ug/kg
2) Quantification limit: 3000 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956372
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-1 35 to 37
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 370 ug/kg (unless otherwise indicated)
1) Quantification limit: 1900 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956373
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-1
(45 to 47 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 65 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | 5 |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

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John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956373
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-1 (45-47 Ft
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 350 ug/kg (unless otherwise indicated)
1) Quantification limit: 700 ug/kg
2) Quantification limit: 2800 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956373
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-1 45 to 47
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 350 ug/kg (unless otherwise indicated)
1) Quantification limit: 1800 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

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Laboratory Director

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575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956374
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-1
(55 to 57 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 77 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | 16 |
| cis/trans-1,2-Dichloroethene | | 22 |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | 30 |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | 10 |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956374
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-1 (55-57 Ft.
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 380 ug/kg (unless otherwise indicated)
1) Quantification limit: 760 ug/kg
2) Quantification limit: 3000 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956374
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-1 55 to 57
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 380 ug/kg (unless otherwise indicated)
1) Quantification limit: 1900 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

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(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956375
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-2
(15 to 17 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 5 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1.3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | 23 |
| 1,3-Dichlorobenzene | | 11 |
| 1,4-Dichlorobenzene | | 17 |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

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575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956375
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 (15-17 Ft.
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 390 ug/kg (unless otherwise indicated)
1) Quantification limit: 780 ug/kg
2) Quantification limit: 3100 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956375
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 15 to 17
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 390 ug/kg (unless otherwise indicated)
1) Quantification limit: 2000 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956376
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-2
(25 to 27 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 24 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956376
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 (25-27 Ft.
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 400 ug/kg (unless otherwise indicated)
1) Quantification limit: 880 ug/kg
2) Quantification limit: 3200 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956376
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 25 to 27
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 400 ug/kg (unless otherwise indicated)
1) Quantification limit: 2000 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956377
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-2
(35 to 37 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 7 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2.2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956377
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 (35-37 F
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 360 ug/kg (unless otherwise indicated)
1) Quantification limit: 720 ug/kg
2) Quantification limit: 2900ug/kg
3) Quantification limit in presence of an interference: 400 ug/kg.

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956377
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 35 to 3
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 360 ug/kg (unless otherwise indicated)
1) Quantification limit: 1800 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956378
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-2
(45 to 47 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 68 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1.1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956378
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 (45-47 F
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 360 ug/kg (unless otherwise indicated)
1) Quantification limit: 720 ug/kg
2) Quantification limit: 2900ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956378
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 45 to 47
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 360 ug/kg (unless otherwise indicated)
1) Quantification limit: 1800 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956379
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 (55-57 F
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dr |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 400 ug/kg (unless otherwise indicated)
1) Quantification limit: 800 ug/kg
2) Quantification limit: 3200 ug/kg.
3) Quantification limit in presence of an interference: 1000 ug/kg.

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956379
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-2
(55 to 57 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | ug/kg Dry Weight |
|---|---|
| Chloromethane | 1) ND |
| Bromomethane | 1) ND |
| Vinyl Chloride | 1) ND |
| Chloroethane | 1) ND |
| Methylene Chloride | 2) 55 |
| Trichlorofluoromethane | ND |
| 1,1-Dichloroethene | ND |
| 1,1-Dichloroethane | 19 |
| cis/trans-1,2-Dichloroethene | 60 |
| Chloroform | ND |
| 1,2-Dichloroethane | ND |
| 1,1,1,-Trichloroethane | 42 |
| Carbon Tetrachloride | ND |
| Bromodichloromethane | ND |
| 1,2-Dichloropropane | ND |
| trans-1,3-Dichloropropene | ND |
| Trichloroethene | ND |
| Dibromochloromethane | ND |
| 1,1,2-Trichloroethane | ND |
| cis-1,3-Dichloropropene | ND |
| Benzine | ND |
| 2-Chloroethylvinyl Ether | 1) ND |
| Bromoform | ND |
| 1,1,2,2-Tetrachloroethane | ND |
| Tetrachloroethene | 14 |
| Toluene | ND |
| Chlorobenzene | ND |
| Ethylbenzene | ND |
| 1,2-Dichlorobenzene | ND |
| 1,3-Dichlorobenzene | ND |
| 1,4-Dichlorobenzene | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956379
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-2 55 to 5
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 400 ug/kg (unless otherwise indicated)
1) Quantification limit: 2000 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956380
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-3
(10 to 12 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 24 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117-
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956380
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 (10-12 F
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dr |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 390 ug/kg (unless otherwise indicated)
1) Quantification limit: 780 ug/kg
2) Quantification limit: 3100 ug/kg.

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956380
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 10 to 1
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 390 ug/kg (unless otherwise indicated)
1) Quantification limit: 2000 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Mollo, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956381
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-3
(20 to 22 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 53 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | 1) | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | 1) | ND |
| 1,2-Dichloroethane | 1) | ND |
| 1,1,1,-Trichloroethane | 1) | ND |
| Carbon Tetrachloride | 1) | ND |
| Bromodichloromethane | 1) | ND |
| 1,2-Dichloropropane | 1) | ND |
| trans-1,3-Dichloropropene | 1) | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | 1) | ND |
| 1,1,2-Trichloroethane | 1) | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | 1) | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | 1) | ND |
| Chlorobenzene | 1) | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956381
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 (20-22 Ft
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 390 ug/kg (unless otherwise indicated)
1) Quantification limit: 780 ug/kg
2) Quantification limit: 3100 ug/kg.

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956381
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 20 to 2
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 390 ug/kg (unless otherwise indicated)
1) Quantification limit: 2000 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy P.E.
Laboratory Director

ZM LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956382
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-3
(30 to 32 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 27 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

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*  *
*  *
**********
John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174[illegible]
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956382
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 (30-32 Ft
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 340 ug/kg (unless otherwise indicated)
1) Quantification limit: 680 ug/kg
2) Quantification limit: 2700 ug/kg.
3) Quantificaton limit in presence of an interference: 380 ug/kg.

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956382
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 30 to 32
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 340 ug/kg (unless otherwise indicated)
1) Quantification limit: 1700 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956382
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-3
(30 to 32 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 27 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956383
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-3
(40 to 42 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 55 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956383
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 (40-42 F
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 360 ug/kg (unless otherwise indicated)
1) Quantification limit: 720 ug/kg
2) Quantification limit: 2700 ug/kg.

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy P.E.
Laboratory Director

H2M LABS, INC.
575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122
ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956383
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 40 to 4
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 360 ug/kg (unless otherwise indicated)
1) Quantification limit: 1800 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

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(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956384
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #STA #B-3
(50 to 52 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 40 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | ND |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | ND |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte Found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

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John J. Molloy, P.E.
Laboratory Director

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575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956384
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 (50-52 F
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 380 ug/kg (unless otherwise indicated)
1) Quantification limit: 760 ug/kg
2) Quantification limit: 3000 ug/kg.

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956384
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 50 to 52
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 380 ug/kg (unless otherwise indicated)
1) Quantification limit: 1900 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main Street
Westbury, NY 11590

Sample Lab No. 956405
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample #B-3
(55 to 57 Ft.)
Collected By: KFS 03

PRIORITY POLLUTANTS ANALYSIS PURGEABLE ORGANICS

| Compound | | ug/kg Dry Weight |
|---|---|---|
| Chloromethane | 1) | ND |
| Bromomethane | 1) | ND |
| Vinyl Chloride | 1) | ND |
| Chloroethane | 1) | ND |
| Methylene Chloride | 2) | 66 |
| Trichlorofluoromethane | | ND |
| 1,1-Dichloroethene | | ND |
| 1,1-Dichloroethane | | ND |
| cis/trans-1,2-Dichloroethene | | 8 |
| Chloroform | | ND |
| 1,2-Dichloroethane | | ND |
| 1,1,1,-Trichloroethane | | 7 |
| Carbon Tetrachloride | | ND |
| Bromodichloromethane | | ND |
| 1,2-Dichloropropane | | ND |
| trans-1,3-Dichloropropene | | ND |
| Trichloroethene | | ND |
| Dibromochloromethane | | ND |
| 1,1,2-Trichloroethane | | ND |
| cis-1,3-Dichloropropene | | ND |
| Benzine | | ND |
| 2-Chloroethylvinyl Ether | 1) | ND |
| Bromoform | | ND |
| 1,1,2,2-Tetrachloroethane | | ND |
| Tetrachloroethene | | ND |
| Toluene | | ND |
| Chlorobenzene | | ND |
| Ethylbenzene | | ND |
| 1,2-Dichlorobenzene | | ND |
| 1,3-Dichlorobenzene | | ND |
| 1,4-Dichlorobenzene | | ND |

Quantification limit: 5 ug/kg

ND - Under Quantification Limit

1) Quantification limit: 10 ug/kg

2) Analyte found in blank at 7 ug/l

Date Analyzed: 4-19-89

Date Reported: 4-29-89

John J. Molloy, P.E.
Laboratory Director

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY


Utility Manufacturing
700 Main ST.
Westbury, N.Y. 11590

Sample Lab No. 956405
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 (55-57 F
Collected By: KFS

PRIORITY POLLUTANTS ANALYSIS - BASE NEUTRAL EXTRACTABLES

| | ug/kg dry wt. | | ug/kg dry |
|---|---|---|---|
| 1,3-Dichlorobenzene | ND | N-Nitrosodiphenylamine | ND |
| 1,4-Dichlorobenzene | ND | Hexachlorobenzene | ND |
| Hexachloroethane | ND | 4-Bromophenylphenylether | ND |
| Bis(2-chloroethyl)ether | ND | Phenanthrene | ND |
| 1,2-Dichlorobenzene | ND | Anthracene | ND |
| Bis(2-chloroisopropyl)ether | ND | Di-n-butyl phthalate | ND |
| N-nitroso-di-n-propyl amine | ND | Fluoranthene | ND |
| Nitrobenzene | ND | Pyrene | ND |
| Hexachlorobutadiene | ND | Benzidine | 1)ND |
| 1,2,4-Trichlorobenzene | ND | Butyl benzyl phthalate | ND |
| Isophorone | ND | Bis(2ethylhexyl)phthalate | ND |
| Naphthalene | ND | Chrysene | ND |
| Bis(2-chloroethoxy)methane | ND | Benzo(a)anthracene | ND |
| Hexachlorocyclopentadiene | ND | 3,3'-Dichlorobenzidine | 2)ND |
| Chloronaphthalene | ND | Di-n-octyl phthalate | ND |
| Acenaphthylene | ND | Benzo(b)fluoranthene | ND |
| Acenaphthene | ND | Benzo(k)fluoranthene | ND |
| Dimethyl phthalate | ND | Benzo(a)pyrene | ND |
| 2,6-Dinitrotoluene | ND | Indeno(1,2,3-c,d)pyrene | ND |
| Fluorene | ND | Dibenzo(a,h)anthracene | ND |
| 4-Chlorophenyl phenyl ether | ND | Benzo(g,h,i)perylene | ND |
| 2,4-Dinitrotoluene | ND | n-nitrosodimethylamine | ND |
| 1,2-Diphenyl hydrazine | ND | | |
| Diethyl phthalate | ND | | |

ND - Under quantification limit.
Quantification Limit: 390 ug/kg (unless otherwise indicated)
1) Quantification limit: 780 ug/kg
2) Quantification limit: 3100 ug/kg.
3) Quantification limit in presence of an interference : 860 ug/kg.

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

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ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

Utility Manufacturing
700 Main St.
Westbury, N.Y 11590

Sample Lab No. 956405
Date Collected: 4-17-89
Date Received: 4-17-89
Type: Soil
Point: Boring Sample STA. #B-3 55 to 57
Collected By: KFS

## PRIORITY POLLUTANTS ANALYSIS - ACID EXTRACTABLES

| Compound | | ug/kg dry wt. |
|---|---|---|
| 2-Chlorophenol | | ND |
| 2-Nitrophenol | | ND |
| Phenol | | ND |
| 2,4-Dimethylphenol | | ND |
| 2,4-Dichlorophenol | | ND |
| 2,4,6-Trichlorophenol | | ND |
| 4-Chloro-3-methylphenol | | ND |
| 2,4-Dinitrophenol | 1) | ND |
| 2-Methyl-4,6-dinitrophenol | 1) | ND |
| Pentachlorophenol | 1) | ND |
| 4-Nitrophenol | 1) | ND |

ND - Under quantification limit.
Quantification limit: 390 ug/kg (unless otherwise indicated)
1) Quantification limit: 2000 ug/kg

Date Extracted: 4-19-89
Date Run: 4-25-89
Date Reported: 5-02-89

John J. Molloy, P.E.
Laboratory Director

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

# LABORATORY REPORT

LAB NO. 956385
PROJECT NO. UTMF 8801 1A

| CLIENT'S NAME AND ADDRESS | |
|---|---|
| UTILITY MANUFACTURING<br>700 MAIN ST.<br>WESTBURY, N.Y. | TYPE OF SAMPLE - MISCELLANEOUS<br>DATE COLLECTED - 4/17/89<br>SOIL BORING SAMPLES |

COLLECTED BY KFS 05
DATE RECEIVED - 4/17/89

| B NO. | SAMPLE ID INFORMATION | ANTI-MONY | ARSENIC | BERYL-LIUM | CADMIUM | CHROM-IUM | COPPER |
|---|---|---|---|---|---|---|---|
| 6385 | STA #B-1 (15'-17') | <6.10 | <1.00 | <0.51 | <0.51 | 2.00 | 3.10 |
| 6386 | STA #B-1 (25'-27') | <6.10 | 1.10 | <0.51 | <0.51 | 2.00 | 3.00 |
| 6387 | STA #B-1 (35'-37') | <7.00 | 1.60 | <0.58 | <0.58 | 3.50 | 27.8 |
| 6388 | STA #B-1 (45'-47') | <6.40 | <1.10 | <0.53 | <0.53 | <1.10 | <2.10 |
| 6389 | STA #B-1 (55'-57') | <7.00 | 1.70 | <0.58 | 0.81 | 2.30 | 11.6 |
| 6390 | STA #B-2 (15'-17') | <7.20 | <1.20 | <0.60 | 0.96 | 7.20 | 16.8 |
| 6391 | STA #B-2 (25'-27') | <7.20 | <1.20 | <0.60 | 0.72 | 4.80 | 6.00 |
| 6392 | STA #B-2 (35' - 37') | <6.70 | 1.20 | <0.56 | <0.56 | 4.40 | 4.40 |
| 6393 | STA #B-2 (45'-47') | <6.70 | <1.10 | <0.56 | <0.56 | 2.20 | 3.30 |
| 6394 | STA #B-2 (55'-57') | <7.40 | 2.60 | <0.62 | <0.62 | 2.50 | 8.60 |

REMARKS - BILLS & REPORTS:KFS

Results reported as mg/kg on a dry weight basis.

L RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
HPC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 5/22/89

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

# LABORATORY REPORT

LAB NO. 956385
PROJECT NO. UTMF 8801 LA

**CLIENT'S NAME AND ADDRESS**

UTILITY MANUFACTURING

700 MAIN ST.

WESTBURY, N.Y.

TYPE OF SAMPLE - MISCELLANEOUS
DATE COLLECTED - 4/17/89
COLLECTED BY KFS 03
DATE RECEIVED - 4/17/89

SOIL BORING SAMPLES

| S NO. | SAMPLE ID INFORMATION | LEAD | MERCURY | NICKEL | SELEN-IUM | SILVER | THAL-LIUM |
|---|---|---|---|---|---|---|---|
| 6385 | STA #B-1 (15'-17') | 1.20 | <0.09 | <4.10 | <0.51 | <1.00 | <1.00 |
| 6386 | STA #B-1 (25'-27') | 1.30 | <0.09 | <4.00 | <0.50 | <1.00 | <1.00 |
| 6387 | STA #B-1 (35'-37') | 2.10 | 0.23 | <4.60 | <0.58 | <1.20 | <1.20 |
| 6388 | STA #B-1 (45'-47') | 4.90 | <0.09 | <4.20 | <0.53 | <1.10 | <1.10 |
| 6389 | STA #B-1 (55'-57') | 3.50 | 0.09 | <4.60 | <0.58 | <1.20 | <1.20 |
| 6390 | STA #B-2 (15'-17') | 5.90 | <0.10 | <4.80 | <0.60 | <1.20 | <1.20 |
| 6391 | STA #B-2 (25'-27') | 2.00 | <0.10 | <4.80 | <0.60 | <1.20 | <1.20 |
| 6392 | STA #B-2 (35' - 37') | 4.20 | <0.09 | <4.40 | <0.56 | <1.10 | <1.10 |
| 6393 | STA #B-2 (45'-47') | 7.40 | <0.11 | <4.40 | <0.56 | <1.10 | <1.10 |
| 6394 | STA #B-2 (55'-57') | 7.50 | <0.08 | <4.90 | <0.60 | <1.20 | <1.20 |

REMARKS - BILLS & REPORTS:KFS

Results reported as mg/kg on a dry weight basis.

RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 5/22/89

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
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# LABORATORY REPORT

LAB NO. 956385
PROJECT NO. UTMF 8801 LA

| CLIENT'S NAME AND ADDRESS | |
|---|---|
| UTILITY MANUFACTURING<br>700 MAIN ST.<br>WESTBURY, N.Y. | TYPE OF SAMPLE - MISCELLANEOUS<br>DATE COLLECTED - 4/17/89<br>SOIL BORING SAMPLES |

COLLECTED BY KFS 03
DATE RECEIVED - 4/17/89

| # NO. | SAMPLE ID INFORMATION | ZINC |
|---|---|---|
| 6385 | STA #B-1 (15'-17') | 173. |
| 6386 | STA #B-1 (25'-27') | 5.10 |
| 6387 | STA #B-1 (35'-37') | 9.30 |
| 6388 | STA #B-1 (45'-47') | <2.10 |
| 6389 | STA #B-1 (55'-57') | 3.50 |
| 6390 | STA #B-2 (15'-17') | 132. |
| 6391 | STA #B-2 (25'-27') | 144. |
| 6392 | STA #B-2 (35' - 37') | 18.9 |
| 6393 | STA #B-2 (45'-47') | 3.30 |
| 6394 | STA #B-2 (55'-57') | 7.40 |

REMARKS - BILLS & REPORTS:KFS

Results reported as mg/kg on a dry weight basis.

RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 5/22/89

LABORATORY DIRECTOR

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Environmental Testing Laboratories
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# LABORATORY REPORT

LAB NO. 956385
PROJECT NO. UTMF 8801 LA

**CLIENT'S NAME AND ADDRESS**

UTILITY MANUFACTURING

700 MAIN ST.

WESTBURY, N.Y.

TYPE OF SAMPLE - MISCELLANEOUS
DATE COLLECTED - 4/17/89
COLLECTED BY KFS 03
DATE RECEIVED - 4/17/89

SOIL BORING SAMPLES

| B NO. | SAMPLE ID INFORMATION | ANTI-MONY | ARSENIC | BERYL-LIUM | CADMIUM | CHROM-IUM | COPPER |
|---|---|---|---|---|---|---|---|
| 6395 | STA #B-3 (10'-12') | <7.20 | <1.20 | <0.60 | <0.60 | 4.80 | 2.40 |
| 6396 | STA #B-3 (20'-22') | <7.10 | <1.10 | <0.60 | <0.60 | 3.60 | 7.10 |
| 6397 | STA #B-3 (30'-32') | <6.20 | <1.00 | <0.52 | <0.52 | 3.10 | 11.3 |
| 6398 | STA #B-3 (40'-42') | <6.80 | <1.10 | <0.57 | <0.57 | 2.30 | 3.40 |
| 6399 | STA #B-3 (50'-52') | <6.90 | <1.10 | <0.58 | <0.58 | 3.50 | 5.80 |

REMARKS - BILLS & REPORTS:KFS

Results reported as mg/kg on a dry weight basis.

RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
HPC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 5/22/89

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
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# LABORATORY REPORT

LAB NO. 956385
PROJECT NO. UTMF 8801 LA

**CLIENT'S NAME AND ADDRESS**

UTILITY MANUFACTURING

700 MAIN ST.

WESTBURY, N.Y.

TYPE OF SAMPLE - MISCELLANEOUS
DATE COLLECTED - 4/17/89
COLLECTED BY KFS 03
DATE RECEIVED - 4/17/89

SOIL BORING SAMPLES

| B NO. | SAMPLE ID INFORMATION | LEAD | MERCURY | NICKEL | SELEN-IUM | SILVER | THAL-LIUM |
|---|---|---|---|---|---|---|---|
| 6395 | STA #B-3 (10'-12') | 1.20 | <0.05 | <4.80 | <0.60 | <1.20 | <1.20 |
| 6396 | STA #B-3 (20'-22') | 2.20 | <0.06 | <4.80 | <0.60 | <1.20 | <1.20 |
| 6397 | STA #B-3 (30'-32') | 2.40 | <0.03 | <4.10 | <0.50 | <1.00 | <1.00 |
| 6398 | STA #B-3 (40'-42') | 8.40 | <0.08 | <4.60 | <0.57 | <1.10 | <1.10 |
| 6399 | STA #B-3 (50'-52') | 7.00 | <0.05 | <4.60 | <0.56 | <1.20 | <1.20 |

REMARKS - BILLS & REPORTS:KFS

Results reported as mg/kg on a dry weight basis.

. RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
AFC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 5/22/89

LABORATORY DIRECTOR

H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, New York 11747-5076 • (516) 694-3040

Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

# LABORATORY REPORT

LAB NO. 956385
PROJECT NO. UTMF 8801 1A

| CLIENT'S NAME AND ADDRESS | TYPE OF SAMPLE - MISCELLANEOUS | COLLECTED BY KFS 03 |
|---|---|---|
| UTILITY MANUFACTURING<br>700 MAIN ST.<br>WESTBURY, N.Y. | DATE COLLECTED - 4/17/89<br>SOIL BORING SAMPLES | DATE RECEIVED - 4/17/89 |

| NO. | SAMPLE ID INFORMATION | ZINC |
|---|---|---|
| 395 | STA #B-3 (10'-12') | 8.40 |
| 396 | STA #B-3 (20'-22') | 17.9 |
| 397 | STA #B-3 (30'-32') | 9.30 |
| 398 | STA #B-3 (40'-42') | 6.80 |
| 399 | STA #B-3 (50'-52') | 6.90 |

REMARKS - BILLS & REPORTS:KFS  Results reported as mg/kg on a dry weight basis.

RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 5/22/89

LABORATORY DIRECTOR

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Water/Waste Water Laboratory • Hazardous Waste Laboratory • Air Testing Laboratory
Pilot Plant Studies and Other Analytical Services

# LABORATORY REPORT

LAB NO. 956406
PROJECT NO. UTMF 8801 LA

| CLIENT'S NAME AND ADDRESS | |
|---|---|
| UTILITY MANUFACTURING<br>700 MAIN ST.<br>WESTBURY, N.Y. | TYPE OF SAMPLE - MISCELLANEOUS<br>DATE COLLECTED - 4/17/89<br>SOIL BORING SAMPLE #B-3 (55-57 FT.) |

COLLECTED BY KFS 03
DATE RECEIVED - 4/17/89

| PARAMETER | RESULT | PARAMETER | RESULT |
|---|---|---|---|
| ANTIMONY | <7.30 | SELENIUM | <0.30 |
| ARSENIC | <2.00 | SILVER | 1.20 |
| BERYLLIUM | <0.61 | THALLIUM | <0.60 |
| CADMIUM | <0.61 | ZINC | 18.2 |
| CHROMIUM | 3.60 | | |
| COPPER | 25.4 | | |
| LEAD | <8.40 | | |
| MERCURY | <0.10 | | |
| NICKEL | 4.80 | | |

Results reported as mg/kg on a dry weight basis.

REMARKS - BILLS & REPORTS:KFS

RESULTS IN (MG/L) EXCEPT AS NOTED BY # (UG/L) OR % (PERCENT) AND
T.COLI BACT. & FECAL COLI (MPN/100ML)
COLOR, ODOR, TURBIDITY & PH (UNITS)
APC & FECAL STREP (COUNTS/ML)
SPEC.COND. (UMHOS) SETT.SOLIDS(ML/L)

DATE REPORTED 5/22/89

LABORATORY DIRECTOR

# Appendix F:

## 1995 Laboratory Data Sheets-Drywell Sampling

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#1(10')

Lab Sample ID: T510161-1

Matrix: (soil/water) SOIL

Lab File ID: >I2816

Sample wt/vol: 5.0 (g/mL) G

Run Type: 8010VOA

Level: (low/med) LOW

Date Received: 10/10/95

% Moisture: 7.1

Date Analyzed : 10/19/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .541 | U |
| 74-83-9 | Bromomethane | .541 | U |
| 124-48-1 | Chlorodibromomethane | .541 | U |
| 75-01-4 | Vinyl chloride | .541 | U |
| 75-00-3 | Chloroethane | .541 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .541 | U |
| 75-09-2 | Methylene chloride | 14 | |
| 75-69-4 | Trichlorofluoromethane | .541 | U |
| 75-35-4 | 1,1-Dichloroethene | .541 | U |
| 75-34-3 | 1,1-Dichloroethane | .541 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .541 | U |
| 67-66-3 | Chloroform | .541 | U |
| 107-06-2 | 1,2-Dichloroethane | .541 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .541 | U |
| 56-23-5 | Carbon tetrachloride | .541 | U |
| 75-27-4 | Bromodichloromethane | .541 | U |
| 78-87-5 | 1,2-Dichloropropane | .541 | U |
| 79-01-6 | Trichloroethene | .541 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .541 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .541 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .541 | U |
| 75-25-2 | Bromoform | .541 | U |
| 127-18-4 | Tetrachloroethene | .541 | U |
| 108-90-7 | Chlorobenzene | .541 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .541 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .541 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .541 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .541 | U |

SADF: 1.08

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#1(30')

Lab Sample ID: T510161-2

Matrix: [soil/water] SOIL

Lab File ID: >12817

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/10/95

% Moisture: 15.5

Date Analyzed : 10/19/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .59 | U |
| 74-83-9 | Bromomethane | .59 | U |
| 124-48-1 | Chlorodibromomethane | .59 | U |
| 75-01-4 | Vinyl chloride | .59 | U |
| 75-00-3 | Chloroethane | .59 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .59 | U |
| 75-09-2 | Methylene chloride | 14 | |
| 75-69-4 | Trichlorofluoromethane | .59 | U |
| 75-35-4 | 1,1-Dichloroethene | .59 | U |
| 75-34-3 | 1,1-Dichloroethane | .59 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .59 | U |
| 67-66-3 | Chloroform | .59 | U |
| 107-06-2 | 1,2-Dichloroethane | .59 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .59 | U |
| 56-23-5 | Carbon tetrachloride | .59 | U |
| 75-27-4 | Bromodichloromethane | .59 | U |
| 78-87-5 | 1,2-Dichloropropane | .59 | U |
| 79-01-6 | Trichloroethene | .59 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .59 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .59 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .59 | U |
| 75-25-2 | Bromoform | .59 | U |
| 127-18-4 | Tetrachloroethene | .59 | U |
| 108-90-7 | Chlorobenzene | .59 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .59 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .59 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .59 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .59 | U |

SADF: 1.18

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No: DW#2(10')

Lab Sample ID: T510161-3

Matrix: (soil/water) SOIL

Lab File ID: >12818

Sample wt/vol: 5.0 (g/mL) G

Run Type: 8010VOA

Level: (low/med) LOW

Date Received: 10/10/95

% Moisture: 13.9

Date Analyzed : 10/19/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .58 | U |
| 74-83-9 | Bromomethane | .58 | U |
| 124-48-1 | Chlorodibromomethane | .58 | U |
| 75-01-4 | Vinyl chloride | .58 | U |
| 75-00-3 | Chloroethane | .58 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .58 | U |
| 75-09-2 | Methylene chloride | 13 | |
| 75-69-4 | Trichlorofluoromethane | .58 | U |
| 75-35-4 | 1,1-Dichloroethene | .58 | U |
| 75-34-3 | 1,1-Dichloroethane | .58 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .58 | U |
| 67-66-3 | Chloroform | .58 | U |
| 107-06-2 | 1,2-Dichloroethane | .58 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .58 | U |
| 56-23-5 | Carbon tetrachloride | .58 | U |
| 75-27-4 | Bromodichloromethane | .58 | U |
| 78-87-5 | 1,2-Dichloropropane | .58 | U |
| 79-01-6 | Trichloroethene | .58 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .58 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .58 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .58 | U |
| 75-25-2 | Bromoform | .58 | U |
| 127-18-4 | Tetrachloroethene | .61 | |
| 108-90-7 | Chlorobenzene | .58 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .58 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .58 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .58 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .58 | U |

SADF: 1.16

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#2(30')

Lab Sample ID: T510161-4

Lab File ID: >12819

Matrix: [soil/water] SOIL

Run Type: 8010VOA

Sample wt/vol: 5.0 [g/mL] G

Date Received: 10/10/95

Level: [low/med] LOW

Date Analyzed : 10/19/95

% Moisture: 12.9

Dilution Factor: 1.0

GC Column: DB-VRX ID: 0.45 (mm)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .571 | U |
| 74-83-9 | Bromomethane | .571 | U |
| 124-48-1 | Chlorodibromomethane | .571 | U |
| 75-01-4 | Vinyl chloride | .571 | U |
| 75-00-3 | Chloroethane | .571 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .571 | U |
| 75-09-2 | Methylene chloride | 19 | |
| 75-69-4 | Trichlorofluoromethane | .571 | U |
| 75-35-4 | 1,1-Dichloroethene | .571 | U |
| 75-34-3 | 1,1-Dichloroethane | .571 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .571 | U |
| 67-66-3 | Chloroform | .571 | U |
| 107-06-2 | 1,2-Dichloroethane | .571 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .571 | U |
| 56-23-5 | Carbon tetrachloride | .571 | U |
| 75-27-4 | Bromodichloromethane | .571 | U |
| 78-87-5 | 1,2-Dichloropropane | .571 | U |
| 79-01-6 | Trichloroethene | .571 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .571 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .571 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .571 | U |
| 75-25-2 | Bromoform | .571 | U |
| 127-18-4 | Tetrachloroethene | .571 | U |
| 108-90-7 | Chlorobenzene | .571 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .571 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .571 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .571 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .571 | U |

SADF: 1.15

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#3(10')

Lab Sample ID: T510161-5

Matrix: (soil/water) SOIL

Lab File ID: >I2820

Sample wt/vol: 5.0 (g/mL) G

Run Type: 8010VOA

Level: (low/med) LOW

Date Received: 10/10/95

% Moisture: 5.0

Date Analyzed : 10/20/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .53 | U |
| 74-83-9 | Bromomethane | .53 | U |
| 124-48-1 | Chlorodibromomethane | .53 | U |
| 75-01-4 | Vinyl chloride | .53 | U |
| 75-00-3 | Chloroethane | .53 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .53 | U |
| 75-09-2 | Methylene chloride | 12 | |
| 75-69-4 | Trichlorofluoromethane | .53 | U |
| 75-35-4 | 1,1-Dichloroethene | .53 | U |
| 75-34-3 | 1,1-Dichloroethene | .53 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .53 | U |
| 67-66-3 | Chloroform | .53 | U |
| 107-06-2 | 1,2-Dichloroethane | .53 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .53 | U |
| 56-23-5 | Carbon tetrachloride | .53 | U |
| 75-27-4 | Bromodichloromethane | .53 | U |
| 78-87-5 | 1,2-Dichloropropane | .53 | U |
| 79-01-6 | Trichloroethene | .53 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .53 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .53 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .53 | U |
| 75-25-2 | Bromoform | .53 | U |
| 127-18-4 | Tetrachloroethene | .53 | U |
| 108-90-7 | Chlorobenzene | .53 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .53 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .53 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .53 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .53 | U |

SADF: 1.05



Total Hit(s): 1

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#3(30')

Lab Sample ID: T510161-6

Matrix: [soil/water] SOIL

Lab File ID: >12821

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/10/95

% Moisture: 12.6

Date Analyzed : 10/20/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .57 | U |
| 74-83-9 | Bromomethane | .57 | U |
| 124-48-1 | Chlorodibromomethane | .57 | U |
| 75-01-4 | Vinyl chloride | .57 | U |
| 75-00-3 | Chloroethane | .57 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .57 | U |
| 75-09-2 | Methylene chloride | 15 | |
| 75-69-4 | Trichlorofluoromethane | .57 | U |
| 75-35-4 | 1,1-Dichloroethene | .57 | U |
| 75-34-3 | 1,1-Dichloroethane | .57 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .57 | U |
| 67-66-3 | Chloroform | .57 | U |
| 107-06-2 | 1,2-Dichloroethane | .57 | |
| 71-55-6 | 1,1,1-Trichloroethane | .57 | U |
| 56-23-5 | Carbon tetrachloride | .57 | U |
| 75-27-4 | Bromodichloromethane | .57 | U |
| 78-87-5 | 1,2-Dichloropropane | .57 | U |
| 79-01-6 | Trichloroethene | .57 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .57 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .57 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .57 | U |
| 75-25-2 | Bromoform | .57 | U |
| 127-18-4 | Tetrachloroethene | .57 | U |
| 108-90-7 | Chlorobenzene | .57 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .57 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .57 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .57 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .57 | U |

SHDF: 1.14

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#4(10')

Lab Sample ID: T510161-7

Matrix: [soil/water] SOIL

Lab File ID: >I2822

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/10/95

% Moisture: 7.1

Date Analyzed : 10/20/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .54 | U |
| 74-83-9 | Bromomethane | .54 | U |
| 124-48-1 | Chlorodibromomethane | .54 | U |
| 75-01-4 | Vinyl chloride | .54 | U |
| 75-00-3 | Chloroethane | .54 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .54 | U |
| 75-09-2 | Methylene chloride | 14 | |
| 75-69-4 | Trichlorofluoromethane | .54 | U |
| 75-35-4 | 1,1-Dichloroethene | .54 | U |
| 75-34-3 | 1,1-Dichloroethane | .54 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .54 | U |
| 67-66-3 | Chloroform | .54 | U |
| 107-06-2 | 1,2-Dichloroethane | .54 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .54 | U |
| 56-23-5 | Carbon tetrachloride | .54 | U |
| 75-27-4 | Bromodichloromethane | .54 | U |
| 78-87-5 | 1,2-Dichloropropane | .54 | U |
| 79-01-6 | Trichloroethene | .54 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .54 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .54 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .54 | U |
| 75-25-2 | Bromoform | .54 | U |
| 127-18-4 | Tetrachloroethene | 2.2 | |
| 108-90-7 | Chlorobenzene | .54 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .54 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .54 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .54 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .54 | U |

SADF: 1.08

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#4(30')

Lab Sample ID: T510161-8

Matrix: [soil/water] SOIL

Lab File ID: >I2923

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/10/95

% Moisture: 3.7

Date Analyzed : 10/20/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .52 | U |
| 74-83-9 | Bromomethane | .52 | U |
| 124-48-1 | Chlorodibromomethane | .52 | U |
| 75-01-4 | Vinyl chloride | .52 | U |
| 75-00-3 | Chloroethane | .52 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .52 | U |
| 75-09-2 | Methylene chloride | 10 | |
| 75-69-4 | Trichlorofluoromethane | .52 | U |
| 75-35-4 | 1,1-Dichloroethene | .52 | U |
| 75-34-3 | 1,1-Dichloroethane | .52 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .52 | U |
| 67-66-3 | Chloroform | .52 | U |
| 107-06-2 | 1,2-Dichloroethane | .52 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .52 | U |
| 56-23-5 | Carbon tetrachloride | .52 | U |
| 75-27-4 | Bromodichloromethane | .52 | U |
| 78-87-5 | 1,2-Dichloropropane | .52 | U |
| 79-01-6 | Trichloroethene | .52 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .52 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .52 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .52 | U |
| 75-25-2 | Bromoform | .52 | U |
| 127-18-4 | Tetrachloroethene | 1.8 | |
| 108-90-7 | Chlorobenzene | .52 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .52 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .52 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .52 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .52 | U |

SADF: 1.04

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#5(10')

Lab Sample ID: T510161-9

Matrix: [soil/water] SOIL

Lab File ID: >I2870

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/10/95

% Moisture: 7.6

Date Analyzed : 10/23/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .54 | U |
| 74-83-9 | Bromomethane | .54 | U |
| 124-48-1 | Chlorodibromomethane | .54 | U |
| 75-01-4 | Vinyl chloride | .54 | U |
| 75-00-3 | Chloroethane | .54 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .54 | U |
| 75-09-2 | Methylene chloride | .54 | U |
| 75-69-4 | Trichlorofluoromethane | .54 | U |
| 75-35-4 | 1,1-Dichloroethene | .54 | U |
| 75-34-3 | 1,1-Dichloroethane | .54 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .54 | U |
| 67-66-3 | Chloroform | .54 | U |
| 107-06-2 | 1,2-Dichloroethane | .54 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .54 | U |
| 56-23-5 | Carbon tetrachloride | .54 | U |
| 75-27-4 | Bromodichloromethane | .38 | J |
| 78-87-5 | 1,2-Dichloropropene | .47 | J |
| 79-01-6 | Trichloroethene | .33 | J |
| 10061-02-6 | trans-1,3-Dichloropropene | .54 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .54 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 16 | |
| 75-25-2 | Bromoform | .54 | U |
| 127-18-4 | Tetrachloroethene | .88 | |
| 108-90-7 | Chlorobenzene | 14 | |
| 541-73-1 | 1,3-Dichlorobenzene | .54 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .54 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .54 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .54 | U |

SADF: 1.08



Total Hit(s): 6

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Client Sample ID No.: DW#5(30')

Lab Name: LRI

Lab Sample ID: T510161-10

Matrix: [soil/water] SOIL

Lab File ID: >I2825

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010UOA

Level: [low/med] LOW

Date Received: 10/10/95

% Moisture: 6.0

Date Analyzed : 10/20/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .53 | U |
| 74-83-9 | Bromomethane | .53 | U |
| 124-48-1 | Chlorodibromomethane | .53 | U |
| 75-01-4 | Vinyl chloride | .53 | U |
| 75-00-3 | Chloroethane | .53 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .53 | U |
| 75-09-2 | Methylene chloride | 13 | |
| 75-69-4 | Trichlorofluoromethane | .53 | U |
| 75-35-4 | 1,1-Dichloroethene | .53 | U |
| 75-34-3 | 1,1-Dichloroethane | .53 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .53 | U |
| 67-66-3 | Chloroform | .53 | U |
| 107-06-2 | 1,2-Dichloroethane | .53 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .53 | U |
| 56-23-5 | Carbon tetrachloride | .53 | U |
| 75-27-4 | Bromodichloromethane | .53 | U |
| 78-87-5 | 1,2-Dichloropropane | .53 | U |
| 79-01-6 | Trichloroethene | 1.0 | |
| 10061-02-6 | trans-1,3-Dichloropropene | .53 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .53 | U |
| 79-00-5 | 1,1,2-Trichloroethene | .53 | U |
| 75-25-2 | Bromoform | .53 | U |
| 127-18-4 | Tetrachloroethene | 1.9 | |
| 108-90-7 | Chlorobenzene | .53 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .53 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .53 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .53 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .53 | U |

SADF: 1.06

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#6(10')

Lab Sample ID: T510161-11

Matrix: [soil/water] SOIL

Lab File ID: >I2826

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010UOA

Level: [low/med] LOW

Date Received: 10/10/95

% Moisture: 4.2

Date Analyzed : 10/20/95

GC Column: DB-URX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .52 | U |
| 74-83-9 | Bromomethane | .52 | U |
| 124-48-1 | Chlorodibromomethane | .52 | U |
| 75-01-4 | Vinyl chloride | .52 | U |
| 75-00-3 | Chloroethane | .52 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .52 | U |
| 75-09-2 | Methylene chloride | 13 | |
| 75-69-4 | Trichlorofluoromethane | .52 | U |
| 75-35-4 | 1,1-Dichloroethene | .52 | U |
| 75-34-3 | 1,1-Dichloroethane | .52 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .52 | U |
| 67-66-3 | Chloroform | .52 | U |
| 107-06-2 | 1,2-Dichloroethane | .52 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .52 | U |
| 56-23-5 | Carbon tetrachloride | .52 | U |
| 75-27-4 | Bromodichloromethane | .52 | U |
| 78-87-5 | 1,2-Dichloropropane | .52 | U |
| 79-01-6 | Trichloroethene | .52 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .52 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .52 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .52 | U |
| 75-25-2 | Bromoform | .52 | U |
| 127-18-4 | Tetrachloroethene | 2.7 | |
| 108-90-7 | Chlorobenzene | .52 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .52 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .52 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .52 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .52 | U |

SADF: 1.04



Total Hit(s): 2

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DW#6(30')

Lab Sample ID: T510161-12

Matrix: (soil/water) SOIL

Lab File ID: >12827

Sample wt/vol: 5.0 (g/mL) G

Run Type: 8010VOA

Level: (low/med) LOW

Date Received: 10/10/95

% Moisture: 9.5

Date Analyzed : 10/20/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .55 | U |
| 74-83-9 | Bromomethane | .55 | U |
| 124-48-1 | Chlorodibromomethane | .55 | U |
| 75-01-4 | Vinyl chloride | .55 | U |
| 75-00-3 | Chloroethane | .55 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .55 | U |
| 75-09-2 | Methylene chloride | 14 | |
| 75-69-4 | Trichlorofluoromethane | .55 | U |
| 75-35-4 | 1,1-Dichloroethene | .55 | U |
| 75-34-3 | 1,1-Dichloroethane | .55 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .55 | U |
| 67-66-3 | Chloroform | .55 | U |
| 107-06-2 | 1,2-Dichloroethane | .55 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .55 | U |
| 56-23-5 | Carbon tetrachloride | .55 | U |
| 75-27-4 | Bromodichloromethane | .55 | U |
| 78-87-5 | 1,2-Dichloropropane | .55 | U |
| 79-01-6 | Trichloroethene | .55 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .55 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .55 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .55 | U |
| 75-25-2 | Bromoform | .55 | U |
| 127-18-4 | Tetrachloroethene | .60 | |
| 108-90-7 | Chlorobenzene | .55 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .55 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .55 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .55 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .55 | U |

SADF: 1.10

Appendix G:

1995 Laboratory Data Sheets-Soil Sampling

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: SB#1(30')

Lab Sample ID: T510090-01

Matrix: [soil/water] SOIL

Lab File ID: >I2668

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/05/95

% Moisture: 2.2

Date Analyzed : 10/12/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .51 | U |
| 74-83-9 | Bromomethane | .51 | U |
| 124-48-1 | Chlorodibromomethane | .51 | U |
| 75-01-4 | Vinyl chloride | .51 | U |
| 75-00-3 | Chloroethane | .51 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .51 | U |
| 75-09-2 | Methylene chloride | 27 | |
| 75-69-4 | Trichlorofluoromethane | .51 | U |
| 75-35-4 | 1,1-Dichloroethene | .51 | U |
| 75-34-3 | 1,1-Dichloroethane | .51 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .51 | U |
| 67-66-3 | Chloroform | .51 | U |
| 107-06-2 | 1,2-Dichloroethane | .51 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .51 | U |
| 56-23-5 | Carbon tetrachloride | .51 | U |
| 75-27-4 | Bromodichloromethane | .51 | U |
| 78-87-5 | 1,2-Dichloropropane | .51 | U |
| 79-01-6 | Trichloroethene | .51 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .51 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .51 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .51 | U |
| 75-25-2 | Bromoform | .51 | U |
| 127-18-4 | Tetrachloroethene | .51 | U |
| 108-90-7 | Chlorobenzene | .51 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .51 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .51 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .51 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .51 | U |

SADF: 1.02



Total Hit(s): 1

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: SB#2(30')

Lab Sample ID: T510090-05

Matrix: [soil/water] SOIL

Lab File ID: >I2669

Sample wt/vol: 5.0 [g/mL] G

Run Type: DL8010VOA

Level: [low/med] LOW

Date Received: 10/05/95

% Moisture: 3.1

Date Analyzed : 10/12/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .52 | U |
| 74-83-9 | Bromomethane | .52 | U |
| 124-48-1 | Chlorodibromomethane | .52 | U |
| 75-01-4 | Vinyl chloride | .52 | U |
| 75-00-3 | Chloroethane | .52 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .52 | U |
| 75-09-2 | Methylene chloride | 27 | |
| 75-69-4 | Trichlorofluoromethane | .52 | U |
| 75-35-4 | 1,1-Dichloroethene | .52 | U |
| 75-34-3 | 1,1-Dichloroethane | .52 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .52 | U |
| 67-66-3 | Chloroform | .52 | U |
| 107-06-2 | 1,2-Dichloroethane | .52 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .52 | U |
| 56-23-5 | Carbon tetrachloride | .52 | U |
| 75-27-4 | Bromodichloromethane | .52 | U |
| 78-87-5 | 1,2-Dichloropropane | .52 | U |
| 79-01-6 | Trichloroethene | .52 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .52 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .52 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .52 | U |
| 75-25-2 | Bromoform | .52 | U |
| 127-18-4 | Tetrachloroethene | .52 | U |
| 108-90-7 | Chlorobenzene | .52 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .52 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .52 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .52 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .52 | U |

SADF: 1.03



Total Hit(s): 1

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: SB#3(30')

Lab Sample ID: T510089-04

Matrix: [soil/water] SOIL

Lab File ID: >I2648

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/05/95

% Moisture: 3.3

Date Analyzed : 10/11/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .52 | U |
| 74-83-9 | Bromomethane | .52 | U |
| 124-48-1 | Chlorodibromomethane | .52 | U |
| 75-01-4 | Vinyl chloride | .52 | U |
| 75-00-3 | Chloroethane | .52 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .52 | U |
| 75-09-2 | Methylene chloride | 12 | |
| 75-69-4 | Trichlorofluoromethane | .52 | U |
| 75-35-4 | 1,1-Dichloroethene | .52 | U |
| 75-34-3 | 1,1-Dichloroethane | .52 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .52 | U |
| 67-66-3 | Chloroform | .52 | U |
| 107-06-2 | 1,2-Dichloroethane | .52 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .52 | U |
| 56-23-5 | Carbon tetrachloride | .52 | U |
| 75-27-4 | Bromodichloromethane | .52 | U |
| 78-87-5 | 1,2-Dichloropropane | .52 | U |
| 79-01-6 | Trichloroethene | .52 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .52 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .52 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .52 | U |
| 75-25-2 | Bromoform | .52 | U |
| 127-18-4 | Tetrachloroethene | .99 | |
| 108-90-7 | Chlorobenzene | .52 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .52 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .52 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .52 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .52 | U |

SADF: 1.03



Total Hit(s): 2

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: SB#4(30")

Lab Sample ID: T510129-4

Matrix: [soil/water] SOIL

Lab File ID: >I2773

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/06/95

% Moisture: 8.7

Date Analyzed : 10/18/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .55 | U |
| 74-83-9 | Bromomethane | .55 | U |
| 124-48-1 | Chlorodibromomethane | .55 | U |
| 75-01-4 | Vinyl chloride | .55 | U |
| 75-00-3 | Chloroethane | .55 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .55 | U |
| 75-09-2 | Methylene chloride | 2.6 | |
| 75-69-4 | Trichlorofluoromethane | .55 | U |
| 75-35-4 | 1,1-Dichloroethene | .55 | U |
| 75-34-3 | 1,1-Dichloroethane | .55 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .55 | U |
| 67-66-3 | Chloroform | .55 | U |
| 107-06-2 | 1,2-Dichloroethane | .55 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .55 | U |
| 56-23-5 | Carbon tetrachloride | .55 | U |
| 75-27-4 | Bromodichloromethane | .55 | U |
| 78-87-5 | 1,2-Dichloropropane | .55 | U |
| 79-01-6 | Trichloroethene | .55 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .55 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .55 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .55 | U |
| 75-25-2 | Bromoform | .55 | U |
| 127-18-4 | Tetrachloroethene | .55 | U |
| 108-90-7 | Chlorobenzene | .55 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .55 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .55 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .55 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .55 | U |

SADF: 1.10



Total Hit(s): 1

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: SB#5(10')

Lab Sample ID: T510132-7

Matrix: [soil/water] SOIL

Lab File ID: >12801

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/06/95

% Moisture: 9.4

Date Analyzed : 10/19/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .55 | U |
| 74-83-9 | Bromomethane | .55 | U |
| 124-48-1 | Chlorodibromomethane | .55 | U |
| 75-01-4 | Vinyl chloride | .55 | U |
| 75-00-3 | Chloroethane | .55 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .55 | U |
| 75-09-2 | Methylene chloride | 3.4 | |
| 75-69-4 | Trichlorofluoromethane | .55 | U |
| 75-35-4 | 1,1-Dichloroethene | .55 | U |
| 75-34-3 | 1,1-Dichloroethane | .55 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .55 | U |
| 67-66-3 | Chloroform | .55 | U |
| 107-06-2 | 1,2-Dichloroethane | .55 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .55 | U |
| 56-23-5 | Carbon tetrachloride | .55 | U |
| 75-27-4 | Bromodichloromethane | .55 | U |
| 78-87-5 | 1,2-Dichloropropane | .55 | U |
| 79-01-6 | Trichloroethene | .55 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .55 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .55 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .55 | U |
| 75-25-2 | Bromoform | .55 | U |
| 127-18-4 | Tetrachloroethene | 46 | |
| 108-90-7 | Chlorobenzene | .55 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .55 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .55 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .55 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .55 | U |

SADF: 1.10



Total Hit(s): 2

# ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: SB#6(30')

Lab Sample ID: T510132-8

Matrix: [soil/water] SOIL

Lab File ID: >I2802

Sample wt/vol: 5.0 [g/mL] G

Run Type: 8010VOA

Level: [low/med] LOW

Date Received: 10/06/95

% Moisture: 2.9

Date Analyzed : 10/19/95

GC Column: DB-VRX ID: 0.45 (mm)

Dilution Factor: 1.0

| CAS NO. | COMPOUND | CONCENTRATION UNITS: UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | .51 | U |
| 74-83-9 | Bromomethane | .51 | U |
| 124-48-1 | Chlorodibromomethane | .51 | U |
| 75-01-4 | Vinyl chloride | .51 | U |
| 75-00-3 | Chloroethane | .51 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | .51 | U |
| 75-09-2 | Methylene chloride | 4.2 | |
| 75-69-4 | Trichlorofluoromethane | .51 | U |
| 75-35-4 | 1,1-Dichloroethene | .51 | U |
| 75-34-3 | 1,1-Dichloroethane | .51 | U |
| 156-60-5 | trans-1,2-Dichloroethene | .51 | U |
| 67-66-3 | Chloroform | .51 | U |
| 107-06-2 | 1,2-Dichloroethane | .51 | U |
| 71-55-6 | 1,1,1-Trichloroethane | .51 | U |
| 56-23-5 | Carbon tetrachloride | .51 | U |
| 75-27-4 | Bromodichloromethane | .51 | U |
| 78-87-5 | 1,2-Dichloropropane | .51 | U |
| 79-01-6 | Trichloroethene | .51 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | .51 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | .51 | U |
| 79-00-5 | 1,1,2-Trichloroethane | .51 | U |
| 75-25-2 | Bromoform | .51 | U |
| 127-18-4 | Tetrachloroethene | .51 | U |
| 108-90-7 | Chlorobenzene | .51 | U |
| 541-73-1 | 1,3-Dichlorobenzene | .51 | U |
| 106-46-7 | 1,4-Dichlorobenzene | .51 | U |
| 95-50-1 | 1,2-Dichlorobenzene | .51 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | .51 | U |

SADF: 1.03



Total Hit(s): 1

# Appendix H:

# 1998 Soil Boring Drilling Logs

## Drilling Log

**Client:** Utility Manufacturing
**Location:** 700 Main St. North Side of Property
**Driller:** Steve Grasso Aquifer Drilling & Testing

**Project:** 95067
**Date:** 4/29/98
**Sampler:** Dennis Madigan
**Boring:** S.B.#1

| Depth Below Grnd. Surface | Sample No. | Blows On Sampler | | | | Sample Interval | | Recovery in Inches | U.S.C.S. | Color | Casing | Identification of Soil and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 6 | 12 | 18 | | | | | | | |
| | | 6 | 12 | 18 | 24 | From | To | | | | | |
| 1 | | 3 | 3 | | | 1 | 3 | 8 | GP | BY | | Brownish Yell/ Course/Pebbles |
| 3 | | 21 | 25 | 32 | 24 | 3 | 5 | 8 | GP | LYB | | Coarse/Pebbles |
| 5 | | 24 | 24 | 28 | 32 | 5 | 7 | 16 | GP | Y | | Coarse/Pebbles |
| 7 | | 32 | 25 | 35 | 28 | 7 | 9 | 16 | GP | BY | | Coarse/Pebbles |
| 9 | | 12 | 19 | 19 | 27 | 9 | 11 | 12 | GP | BY | | Coarse/Pebbles |
| 11 | | 20 | 20 | 20 | 26 | 11 | 13 | 16 | GP | BY | | Coarse/Pebbles |
| 13 | | 20 | 22 | 25 | 26 | 13 | 15 | 4 | GP | BY | | Coarse/Pebbles |
| 15 | | 12 | 12 | 16 | 18 | 15 | 17 | 14 | GP | Y | | Coarse/Pebbles |
| 17 | | 22 | 22 | 19 | 19 | 17 | 19 | 14 | GP | VPB | | Coarse/Pebbles/Rocks |
| 19 | | 10 | 11 | 15 | 16 | 19 | 21 | 16 | GP | Y | | Coarse/Pebbles/Rocks |
| 21 | | 14 | 5 | 9 | 10 | 21 | 23 | 16 | GP | BY | | Very Coarse/Pebbles |
| 23 | | 14 | 13 | 20 | 28 | 23 | 25 | 14 | GP | VPB | | Very Coarse/Pebbles |
| 25 | | 11 | 18 | 12 | 16 | 25 | 27 | 11 | GP | Y | | Medium to Coarse/Pebbles |
| 27 | | 15 | 11 | 14 | 32 | 27 | 29 | 12 | GP | Y | | Medium to Coarse/Pebbles |
| 29 | | 9 | 9 | 14 | 16 | 29 | 31 | 12 | GP | BY | | Coarse with Pebbles |
| 31 | | 10 | 14 | 10 | 14 | 31 | 33 | 16 | GP | Y | | Coarse with Pebbles |
| 33 | | 18 | 18 | 21 | 26 | 33 | 35 | 12 | GP | BY | | Coarse with Pebbles |
| 35 | | 12 | 15 | 20 | 23 | 35 | 37 | 10 | GP | BY | | Coarse with Pebbles/Red |
| 37 | | 12 | 15 | 18 | 28 | 37 | 39 | 10 | GC | BY | | Coarse and Fine Sand |
| 39 | | 8 | 18 | 21 | 28 | 39 | 41 | 16 | SM | VPB | | Fine to very Fine |
| 41 | | 20 | 24 | 29 | 41 | 41 | 43 | 12 | SM | VPB | | Fine to very Fine |
| 43 | | 22 | 20 | 64 | 40 | 43 | 45 | 12 | SM | VPB | | Very Fine with Streaks |
| 45 | | 14 | 18 | 20 | 25 | 45 | 47 | 16 | SM | VPB | | Very Fine with Streaks |
| 47 | | 35 | 20 | 22 | 36 | 47 | 49 | 16 | SM | VPB | | Very Fine with Streaks |
| 49 | | 48 | 59 | 65 | 73 | 49 | 51 | 16 | SM | VPB | | Very Fine with Streaks |
| 51 | | | | | | 51 | 54 | 18 | SM | VPB | | Very Fine with Streaks |

## Drilling Log

**Client:** Utility Manufacturing
**Location:** 700 Main St. East Side of Property
**Driller:** Steve Grasso Aquifer Drilling & Testing

**Project:** 95067
**Date:** 4/28/98
**Sampler:** Dennis Madigan
**Boring:** S.B.#2

| Depth Below Grnd. Surface | Sample No. | Blows On Sampler | | | | Sample Interval | | Recovery in Inches | U.S.C.S. | Color | Casing | Identification of Soil and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 6 | 12 | 18 | | | | | | | |
| | | 6 | 12 | 18 | 24 | From | To | | | | | |
| 1 | | 16 | 16 | 15 | 31 | 1 | 3 | 12 | SM | VPB | | Very Fine Sand |
| 3 | | 58 | 40 | 40 | 42 | 3 | 5 | 12 | GP | Y | | Coarse with Pebbles |
| 5 | | 9 | 19 | 26 | 44 | 5 | 7 | 10 | GP | VPB | | Coarse with Pebbles |
| 7 | | 39 | 50 | 40 | 28 | 7 | 9 | 16 | GP | Y | | Coarse with Pebbles |
| 9 | | 8 | 9 | 14 | 16 | 9 | 11 | 16 | GP | Y | | Coarse with Pebbles |
| 11 | | 12 | 16 | 18 | 18 | 11 | 13 | 12 | GP | VPB | | Coarse with Pebbles |
| 13 | | 16 | 14 | 16 | 25 | 13 | 15 | 16 | GP | VPB | | Coarse with Pebbles |
| 15 | | 4 | 16 | 14 | 18 | 15 | 17 | 10 | GP | VPB | | Coarse with Pebbles |
| 17 | | 13 | 16 | 14 | 22 | 17 | 20 | 10 | GP | Y | | Coarse with Pebbles/Rocks |
| 19 | | 18 | 20 | 24 | 26 | 19 | 22 | 10 | GP | Y | | Coarse with Pebbles |
| 22 | | | | | | 22 | 24 | 13 | GP | Y | | Coarse with Pebbles/Red |
| 24 | | | | | | 24 | 26 | 16 | GP | PY | | Coarse with Pebbles |
| 26 | | | | | | 26 | 28 | 16 | GP | BY | | Coarse with Pebbles |
| 28 | | | | | | 28 | 30 | 15 | GP | LYB | | Coarse with Pebbles |
| 30 | | | | | | 30 | 32 | 10 | GP | YB | | Coarse with Pebbles |
| 32 | | | | | | 32 | 34 | 16 | GP | YB | | Coarse with Pebbles |
| 34 | | | | | | 34 | 36 | 12 | GP | BY | | Coarse with Pebbles/Rocks |
| 36 | | | | | | 36 | 38 | 8 | GP | VPB | | Medium Sand/Red |
| 38 | | | | | | 38 | 40 | 17 | GP | VPB | | Medium to Coarse/Red |
| 40 | | | | | | 40 | 42 | 16 | GP | VPB | | Medium |
| 42 | | | | | | 42 | 44 | 12 | GP | VPB | | Fine |
| 44 | | | | | | 44 | 46 | 16 | SM | VPB | | Very Fine to Silty |
| 46 | | | | | | 46 | 48 | 18 | SM | VPB | | Very Fine to Silty/Red Streaks |
| 48 | | | | | | 48 | 50 | 16 | SM | VPB | | Very Fine to Silty/Red Streaks |
| 50 | | | | | | 50 | 52 | 16 | SM | VPB | | Very Fine to Silty |
| 52 | | | | | | 52 | 54 | 16 | SM | VPB | | Very Fine to Silty Water |
| 54 | | | | | | 54 | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | 60 Bottom of Well | | | | | |

## Drilling Log

**Client:** Utility Manufacturing
**Location:** 700 Main St. South West Corner of Property
**Driller:** Steve Grasso Aquifer Drilling & Testing

**Project:** 95067
**Date:** 4/21/98
**Sampler:** Dennis Madigan
**Boring:** S.B.#3

| Depth Below Grnd. Surface | Sample No. | Blows On Sampler | | | | Sample Interval | | Recovery in Inches | U.S.C.S. | Color | Casing | Identification of Soil and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 6 | 12 | 18 | | | | | | | |
| | | 6 | 12 | 18 | 24 | From | To | | | | | |
| 1 | | 6 | 10 | 21 | 32 | 1 | 3 | 12 | GW | YB | | Coarse with Clay/Pebbles |
| 3 | | 8 | 10 | 22 | 29 | 3 | 5 | 12 | GP | Y | | Coarse with Pebbles |
| 5 | | 6 | 20 | 31 | 35 | 5 | 7 | 12 | GP | VPB | | Coarse with Pebbles |
| 7 | | 10 | 20 | 32 | 41 | 7 | 9 | 9 | GP | Y | | Medium |
| 9 | | 12 | 12 | 11 | 14 | 9 | 11 | 10 | GP | BY | | Medium |
| 11 | | 10 | 10 | 12 | 18 | 11 | 13 | 9 | GP | Y | | Medium |
| 13 | | 10 | 12 | 17 | 21 | 13 | 15 | 8 | GP | Y | | Medium |
| 15 | | 6 | 8 | 8 | 10 | 15 | 17 | 9 | GP | VPB | | Medium |
| 17 | | 16 | 16 | 8 | 14 | 17 | 19 | 8 | GP | LYB | | Medium |
| 19 | | 10 | 12 | 16 | 18 | 19 | 23 | 14 | GP | BY | | Medium |
| 23 | | 12 | 12 | 16 | 18 | 23 | 26 | 14 | GP | Y | | Coarse |
| 26 | | 14 | 16 | 19 | 22 | 26 | 28 | 14 | GP | Y | | Medium/Pebbles |
| 28 | | 10 | 14 | 11 | 12 | 28 | 30 | 14 | GP | Y | | Coarse |
| 30 | | 12 | 14 | 12 | 12 | 30 | 32 | 13 | GP | YB | | Coarse |
| 32 | | 10 | 14 | 18 | 11 | 32 | 34 | 14 | GP | VPB | | Medium |
| 34 | | 14 | 16 | 17 | 12 | 34 | 36 | 8 | GP | BY | | Coarse |
| 36 | | 18 | 19 | 15 | 21 | 36 | 38 | 10 | GP | YB | | Coarse |
| 38 | | 3 | 4 | 5 | 8 | 38 | 40 | 14 | SW | BY | | Fine Sand/Coarse |
| 40 | | | | | | 40 | 42 | 16 | CL | LG | | Clay |
| | | | | | Well set at 41' | | | | | | | |

## Drilling Log

**Client:** Utility Manufacturing
**Location:** 700 Main St. South-West Side of Property
**Driller:** Steve Grasso Aquifer Drilling & Testing

**Project:** 95067
**Date:** 4/22/98
**Sampler:** Dennis Madigan
**Boring:** S.B.#4

| Depth Below Grnd. Surface | Sample No. | Blows On Sampler | | | | Sample Interval | | Recovery in Inches | U.S.C.S. | Color | Casing | Identification of Soil and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 6 | 12 | 18 | | | | | | | |
| | | 6 | 12 | 18 | 24 | From | To | | | | | |
| 1 | | 8 | 8 | 6 | 5 | 1 | 3 | 9 | GP | BY | | Coarse with Pebbles/Clay |
| 3 | | 10 | 10 | 12 | 15 | 3 | 5 | 12 | GP | Y | | Coarse with Pebbles |
| 5 | | 20 | 20 | 32 | 41 | 5 | 7 | 16 | GP | YB | | Coarse with Pebbles |
| 7 | | 25 | 26 | 31 | 34 | 7 | 9 | 12 | GP | LYB | | Coarse with Pebbles |
| 9 | | 21 | 29 | 36 | 42 | 9 | 11 | 16 | GP | Y | | Coarse with Pebbles |
| 11 | | 22 | 24 | 31 | 35 | 11 | 13 | 16 | GP | Y | | Coarse with Pebbles |
| 13 | | 5 | 22 | 26 | 34 | 13 | 15 | Full | GP | PB | | Coarse with Pebbles |
| 15 | | 11 | 12 | 15 | 14 | 15 | 17 | 8 | GP | Y | | Coarse with Pebbles |
| 17 | | 20 | 21 | 29 | 29 | 17 | 19 | 10 | GP | Y | | Coarse with Pebbles |
| 19 | | 5 | 9 | 11 | 13 | 19 | 21 | 10 | GP | Y | | Coarse with Pebbles |
| 21 | | 14 | 11 | 12 | 16 | 21 | 23 | 16 | GP | Y | | Coarse with Pebbles |
| 23 | | 7 | 12 | 8 | 12 | 23 | 25 | 14 | GP | Y | | Coarse with Pebbles |
| 25 | | 15 | 18 | 25 | 24 | 25 | 27 | 16 | GP | Y | | Coarse/Red/Pebbles |
| 27 | | 20 | 19 | 22 | 18 | 27 | 29 | 12 | GP | VPB | | Coarse with Pebbles |
| 29 | | 15 | 17 | 17 | 18 | 29 | 31 | 9 | GP | LYB | | Coarse with Pebbles |
| 31 | | 18 | 24 | 26 | 22 | 31 | 33 | 10 | GP | LYB | | Coarse with Pebbles |
| 33 | | 18 | 18 | 24 | 26 | 33 | 35 | 14 | GP | Y | | Coarse with Pebbles |
| 35 | | 9 | 15 | 16 | 18 | 35 | 37 | 12 | SW | VPB | | Fine/Medium/Coarse |
| 37 | | 9 | 14 | 14 | 16 | 37 | 39 | 16 | SM | LYB | | Fine to Medium |
| 39 | | 18 | 15 | 19 | 21 | 39 | 41 | 10 | CL | LG | | Clay |
| 41 | | 15 | 17 | 19 | 22 | 41 | 43 | 16 | ML | VPB | | Clay/Very Fine Sand |
| 43 | | 28 | 28 | 48 | 49 | 43 | 45 | 16 | ML | VPB | | Clay/Very Fine Sand |
| 45 | | 40 | 83 | 79 | 48 | 45 | 47 | 16 | ML | VPB | | Clay/Fine Sand |
| 47 | | 40 | 83 | 76 | 92 | 47 | 49 | 16 | SC | VPB | | Silt/Very Fine Sand |
| 49 | | 40 | 83 | 79 | 48 | 49 | 51 | 12 | SC | VPB | | Fine Sand with Silt |
| 51 | | 40 | 65 | 68 | 64 | 51 | 53 | 16 | SC | VPB | | Fine Sand with Silt |
| 53 | | 100 | 100 | 100 | 100 | 53 | 55 | Full | SC | VPB | | Fine Sand with Silt |
| 55 | | 100 | 98 | 100 | 100 | 55 | 57 | Full | SC | VPB | | Fine Sand with Silt |

60 Bottom of Well

# Appendix I:

# 1998 Soil Boring PID Reading Summary Tables

file:tb798d

# Table 1

**Photoionization Air Monitor Readings for Soil Samples**

**Collected from:**

**SB-1 (adjacent to MW-2)**

Sample date: April 28, 1998

| Sample DBG (feet) | Air Monitor Reading (ppm) | Comments | Sample DBG (feet) | Air Monitor Reading (ppm) | Comments |
|---|---|---|---|---|---|
| 1 to 3 | no sample | | 29 to 31 | 0.2 | |
| 3 to 5 | no head space reading | | 31 to 33 | 0.0 | |
| 5 to 7 | 0.0 | | 33 to 35 | 2.4 | to Lab |
| 7 to 9 | 0.0 | | 35 to 37 | 0.0 | |
| 9 to 11 | 0.0 | | 37 to 39 | 0.4 | |
| 11 to 13 | 0.0 | | 39 to 41 | 0.0 | |
| 13 to 15 | no head space reading | | 41 to 43 | 0.0 | |
| 15 to 17 | 2.8 | to Lab | 43 to 45 | 0.0 | |
| 17 to 19 | 2.5 | | 45 to 47 | 0.0 | |
| 19 to 21 | 0.3 | | 47 to 49 | 0.0 | |
| 21 to 23 | 0.0 | | 49 to 51 | 1.3 | |
| 23 to 25 | 2.2 | to Lab | 51 to 53 | 2.2 | moist soil |
| 25 to 27 | 0.0 | | | | |
| 27 to 29 | 1.7 | | | | |

Comment "to Lab" = this soil sample was selected for laboratory analyses

Comment "moist soil" = soil sample is below groundwater interface

file:tb798c

# Table 2

**Photoionization Air Monitor Readings for Soil Samples**

**Collected from:**

**SB-2 (MW-3)**

Sample date: April 28, 1998

| Sample DBG (feet) | Air Monitor Reading (ppm) | Comments | Sample DBG (feet) | Air Monitor Reading (ppm) | Comments |
|---|---|---|---|---|---|
| 1 to 3 | 13.2 | | 32 to 34 | 6.8 | |
| 3 to 5 | 66.1 | | 34 to 36 | 1.5 | |
| 5 to 7 | **44.4** | to Lab | 36 to 38 | 4.8 | |
| 7 to 9 | 0.0 | | 38 to 40 | 0.0 | |
| 9 to 11 | 2.1 | | 40 to 42 | 4.7 | |
| 11 to 13 | **41.4** | to Lab | 42 to 44 | 0.0 | |
| 13 to 15 | 16.5 | | 44 to 46 | 0.1 | |
| 15 to 17 | | | 46 to 48 | 0.0 | |
| 17 to 22 | 7.1 | | 48 to 50 | 0.0 | |
| 22 to 24 | 0.0 | | 50 to 52 | 2.0 | moist soil |
| 24 to 26 | 2.8 | | 52 to 54 | 8.9 | moist soil |
| 26 to 28 | 0.0 | | | | |
| 28 to 30 | 0.0 | | | | |
| 30 to 32 | 3.1 | | | | |

Comment "to Lab" = this soil sample was selected for laboratory analyses

Comment "moist soil" = soil sample is below groundwater interface

# Table 3

file:tb798a

**Photoionization Air Monitor Readings for Soil Samples**

**Collected from:**

**SB-3 (MW-4)**

Sample date: April 21, 1998

| Sample DBG (feet) | Air Monitor Reading (ppm) | Comments |
|---|---|---|
| 3 to 5 | 0.0 | |
| 5 to 7 | 0.0 | |
| 7 to 9 | 0.0 | |
| 9 to 11 | 0.0 | |
| 11 to 13 | 0.0 | |
| 13 to 15 | 0.0 | |
| 15 to 17 | 0.0 | |
| 17 to 19 | 0.0 | |
| 19 to 23 | 0.0 | |
| 23 to 26 | 0.4 | |
| 26 to 28 | 0.0 | |
| 28 to 30 | 0.0 | |
| 30 to 32 | 1.7 | |
| 32 to 34 | **2.3** | to Lab |
| 34 to 36 | **2.2** | to Lab |
| 36 to 38 | 1.8 | |
| 38 to 40 | 0.0 | |
| 40 to 42 | 1.5 | Sampler contained 15-inches of hard clay |

Comment "to Lab" = this sample was selected for laboratory analyses

file:tb798b

# Table 4

**Photoionization Air Monitor Readings for Soil Samples**

**Collected from:**

**SB-4 (MW-5)**

Sample date: April 22, 1998

| Sample DBG (feet) | Air Monitor Reading (ppm) | Comments | Sample DBG (feet) | Air Monitor Reading (ppm) | Comments |
|---|---|---|---|---|---|
| 1 to 3 | **5.1** | to Lab | 29 to 31 | 0.6 | |
| 3 to 5 | 3.5 | | 31 to 33 | 0.7 | |
| 5 to 7 | 1.3 | | 33 to 35 | **5.1** | to Lab |
| 7 to 9 | 0.5 | | 35 to 37 | 0.0 | |
| 9 to 11 | 1.5 | | 37 to 39 | 1.4 | |
| 11 to 13 | 2.4 | | 39 to 41 | **14.2** | to Lab |
| 13 to 15 | **4.1** | to Lab | 41 to 43 | 3.4 | |
| 15 to 17 | 0.6 | | 43 to 45 | 13.7 | |
| 17 to 19 | 0.9 | | 45 to 47 | 4.5 | |
| 19 to 21 | 0.1 | | 47 to 49 | 10.9 | |
| 21 to 23 | 0.1 | | 49 to 51 | 11.5 | |
| 23 to 25 | 0.0 | | 51 to 53 | 21.9 | |
| 25 to 27 | 0.0 | | 53 to 55 | 21.6 | |
| 27 to 29 | 1.0 | | 55 to 57 | 33.2 | |

Comment "to Lab" = this soil sample was selected for laboratory analyses

# Appendix J:

# 1998 Soil Investigation Laboratory Data Sheets

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 3**
Custody: G7467
Collected: 04/29/98 9:00 AM
Location: SB1 15-17'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | ppb | 1.05 | 0.67 | ppb |
| Chloromethane | <0.36 | ppb | 1.05 | 0.36 | ppb |
| Vinyl Chloride | <0.63 | ppb | 1.05 | 0.63 | ppb |
| Bromomethane | <0.41 | ppb | 1.05 | 0.41 | ppb |
| Chloroethane | <0.2 | ppb | 1.05 | 0.2 | ppb |
| Trichlorofluoromethane | <0.12 | ppb | 1.05 | 0.12 | ppb |
| 1,1-Dichloroethene | <0.22 | ppb | 1.05 | 0.22 | ppb |
| Methylene Chloride | <0.62 | ppb | 1.05 | 0.62 | ppb |
| t-1,2-Dichloroethene | <0.43 | ppb | 1.05 | 0.43 | ppb |
| 1,1-Dichloroethane | <0.17 | ppb | 1.05 | 0.17 | ppb |
| 2,2-Dichloropropane | <0.24 | ppb | 1.05 | 0.24 | ppb |
| c-1,2-Dichloroethene | <0.53 | ppb | 1.05 | 0.53 | ppb |
| Chloroform | <0.18 | ppb | 1.05 | 0.18 | ppb |
| Bromochloromethane | <0.26 | ppb | 1.05 | 0.26 | ppb |
| 1,1,1-Trichloroethane | <0.29 | ppb | 1.05 | 0.29 | ppb |
| 1,1-Dichloropropene | <0.41 | ppb | 1.05 | 0.41 | ppb |
| Carbon Tetrachloride | <0.28 | ppb | 1.05 | 0.28 | ppb |
| 1,2-Dichloroethane | <0.32 | ppb | 1.05 | 0.32 | ppb |
| Benzene | <0.29 | ppb | 1.05 | 0.29 | ppb |
| Trichloroethene | <0.32 | ppb | 1.05 | 0.32 | ppb |
| 1,2-Dichloropropane | <0.19 | ppb | 1.05 | 0.19 | ppb |
| Bromodichloromethane | <0.2 | ppb | 1.05 | 0.2 | ppb |
| Dibromomethane | <0.56 | ppb | 1.05 | 0.56 | ppb |
| c-1,3-Dichloropropene | <0.26 | ppb | 1.05 | 0.26 | ppb |
| Toluene | <0.35 | ppb | 1.05 | 0.35 | ppb |
| t-1,3-Dichloropropene | <0.43 | ppb | 1.05 | 0.43 | ppb |
| 1,1,2-Trichloroethane | <0.51 | ppb | 1.05 | 0.51 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 3 (continued)**
Custody: G7467
Collected: 04/29/98 9:00 AM
Location: SB1 15-17'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,3-Dichloropropane | <0.49 | ppb | 1.05 | 0.49 | ppb |
| Tetrachloroethene | <0.29 | ppb | 1.05 | 0.29 | ppb |
| Dibromochloromethane | <0.3 | ppb | 1.05 | 0.3 | ppb |
| 1,2-Dibromoethane | <0.53 | ppb | 1.05 | 0.53 | ppb |
| Chlorobenzene | <0.3 | ppb | 1.05 | 0.3 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.34 | ppb | 1.05 | 0.34 | ppb |
| Ethylbenzene | <0.36 | ppb | 1.05 | 0.36 | ppb |
| m,p-xylene | 0.87 | ppb | 1.05 | 0.66 | ppb |
| o-xylene | <0.29 | ppb | 1.05 | 0.29 | ppb |
| Styrene | <0.3 | ppb | 1.05 | 0.3 | ppb |
| Isopropylbenzene | <0.27 | ppb | 1.05 | 0.27 | ppb |
| Bromoform | <0.5 | ppb | 1.05 | 0.5 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.53 | ppb | 1.05 | 0.53 | ppb |
| 1,2,3-Trichloropropane | <0.48 | ppb | 1.05 | 0.48 | ppb |
| n-Propylbenzene | <0.43 | ppb | 1.05 | 0.43 | ppb |
| Bromobenzene | <0.46 | ppb | 1.05 | 0.46 | ppb |
| 1,3,5-Trimethylbenzene | <0.32 | ppb | 1.05 | 0.32 | ppb |
| 2-Chlorotoluene | <0.27 | ppb | 1.05 | 0.27 | ppb |
| 4-Chlorotoluene | <0.36 | ppb | 1.05 | 0.36 | ppb |
| 4-Isopropyltoluene | <0.38 | ppb | 1.05 | 0.38 | ppb |
| 1,2,4-Trimethylbenzene | 1.5 | ppb | 1.05 | 0.43 | ppb |
| sec-Butylbenzene | <0.38 | ppb | 1.05 | 0.38 | ppb |
| tert-Butylbenzene | <0.55 | ppb | 1.05 | 0.55 | ppb |
| 1,3-Dichlorobenzene | <0.34 | ppb | 1.05 | 0.34 | ppb |
| 1,4-Dichlorobenzene | <0.34 | ppb | 1.05 | 0.34 | ppb |
| n-Butylbenzene | <0.41 | ppb | 1.05 | 0.41 | ppb |
| 1,2-Dichlorobenzene | <0.28 | ppb | 1.05 | 0.28 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Manager: John Tegins
Area: 95067/Westbury, NY

**Sample 3 (continued)**
Custody: G7467
Collected: 04/29/98 9:00 AM
Location: SB1 15-17'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | <0.76 | ppb | 1.05 | 0.76 | ppb |
| 1,2,4-Trichlorobenzene | <0.43 | ppb | 1.05 | 0.43 | ppb |
| Hexachlorobutadiene | <0.37 | ppb | 1.05 | 0.37 | ppb |
| Naphthalene | <0.58 | ppb | 1.05 | 0.58 | ppb |
| 1,2,3-Trichlorobenzene | <0.32 | ppb | 1.05 | 0.32 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 3**
Custody: G7467
Collected: 04/29/98 9:00 AM
Location: SB1 15-17'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <132 | ppb | 35.10 | 132 | ppb |
| bis(2-Chloroethyl)ether | <137 | ppb | 35.10 | 137 | ppb |
| 2-Chlorophenol | <132 | ppb | 35.10 | 132 | ppb |
| 1,3-Dichlorobenzene | <141 | ppb | 35.10 | 141 | ppb |
| 1,4-Dichlorobenzene | <138 | ppb | 35.10 | 138 | ppb |
| Benzyl alcohol | <124 | ppb | 35.10 | 124 | ppb |
| 1,2-Dichlorobenzene | <133 | ppb | 35.10 | 133 | ppb |
| 2-Methylphenol | <124 | ppb | 35.10 | 124 | ppb |
| bis(2-Chloroisopropyl)ether | <102 | ppb | 35.10 | 102 | ppb |
| 3,4-Methylphenol | <274 | ppb | 35.10 | 274 | ppb |
| N-Nitroso-di-n-propylamine | <123 | ppb | 35.10 | 123 | ppb |
| Hexachloroethane | <138 | ppb | 35.10 | 138 | ppb |
| Nitrobenzene | <136 | ppb | 35.10 | 136 | ppb |
| Isophorone | <119 | ppb | 35.10 | 119 | ppb |
| 2-Nitrophenol | <137 | ppb | 35.10 | 137 | ppb |
| 2,4-Dimethylphenol | <112 | ppb | 35.10 | 112 | ppb |
| Benzoic acid | <125 | ppb | 35.10 | 125 | ppb |
| bis(2-Chloroethoxy)methane | <134 | ppb | 35.10 | 134 | ppb |
| 2,4-Dichlorophenol | <134 | ppb | 35.10 | 134 | ppb |
| 1,2,4-Trichlorobenzene | <137 | ppb | 35.10 | 137 | ppb |
| Naphthalene | <144 | ppb | 35.10 | 144 | ppb |
| 4-Chloroaniline | <43.5 | ppb | 35.10 | 43.5 | ppb |
| Hexachlorobutadiene | <131 | ppb | 35.10 | 131 | ppb |
| 4-Chloro-3-methylphenol | <100 | ppb | 35.10 | 100 | ppb |
| 2-Methylnaphthalene | <141 | ppb | 35.10 | 141 | ppb |
| Hexachlorocyclopentadiene | <315 | ppb | 35.10 | 315 | ppb |
| 2,4,6-Trichlorophenol | <119 | ppb | 35.10 | 119 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 3 (continued)**
Custody: G7467
Collected: 04/29/98 9:00 AM
Location: SB1 15-17'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <107 | ppb | 35.10 | 107 | ppb |
| 2-Chloronaphthalene | <141 | ppb | 35.10 | 141 | ppb |
| 2-Nitroaniline | <87.7 | ppb | 35.10 | 87.7 | ppb |
| Dimethyl phthalate | <97.6 | ppb | 35.10 | 97.6 | ppb |
| Acenaphthylene | <118 | ppb | 35.10 | 118 | ppb |
| 2,6-Dinitrotoluene | <99.3 | ppb | 35.10 | 99.3 | ppb |
| 3-Nitroaniline | <55.1 | ppb | 35.10 | 55.1 | ppb |
| Acenaphthene | <130 | ppb | 35.10 | 130 | ppb |
| 2,4-Dinitrophenol | <189 | ppb | 35.10 | 189 | ppb |
| 4-Nitrophenol | <187 | ppb | 35.10 | 187 | ppb |
| Dibenzofuran | <108 | ppb | 35.10 | 108 | ppb |
| 2,4-Dinitrotoluene | <91.6 | ppb | 35.10 | 91.6 | ppb |
| Diethylphthalate | <87 | ppb | 35.10 | 87 | ppb |
| 4-Chlorophenyl-phenyl ether | <102 | ppb | 35.10 | 102 | ppb |
| Fluorene | <115 | ppb | 35.10 | 115 | ppb |
| 4-Nitroaniline | <107 | ppb | 35.10 | 107 | ppb |
| 4,6-Dinitro-2-methylphenol | <227 | ppb | 35.10 | 227 | ppb |
| N-nitrosodiphenylamine | <74.8 | ppb | 35.10 | 74.8 | ppb |
| 4-Bromophenyl-phenylether | <77.6 | ppb | 35.10 | 77.6 | ppb |
| Hexachlorobenzene | <65.3 | ppb | 35.10 | 65.3 | ppb |
| Pentachlorophenol | <188 | ppb | 35.10 | 188 | ppb |
| Phenanthrene | <87.7 | ppb | 35.10 | 87.7 | ppb |
| Anthracene | <71.6 | ppb | 35.10 | 71.6 | ppb |
| Di-n-butylphthalate | <94.8 | ppb | 35.10 | 94.8 | ppb |
| Fluoranthene | <72.7 | ppb | 35.10 | 72.7 | ppb |
| Pyrene | <75.5 | ppb | 35.10 | 75.5 | ppb |
| Butylbenzylphthalate | <87.4 | ppb | 35.10 | 87.4 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Manager: John Tegins
Area: 95067/Westbury, NY

**Sample 3 (continued)**
Custody: G7467
Collected: 04/29/98 9:00 AM
Location: SB1 15-17'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <76.9 | ppb | 35.10 | 76.9 | ppb |
| Benzo(a)anthracene | <50.2 | ppb | 35.10 | 50.2 | ppb |
| Chrysene | <65.3 | ppb | 35.10 | 65.3 | ppb |
| bis(2-Ethylhexyl)phthalate | <95.5 | ppb | 35.10 | 95.5 | ppb |
| Di-n-octylphthalate | <111 | ppb | 35.10 | 111 | ppb |
| Benzo(b)fluoranthene | <62.5 | ppb | 35.10 | 62.5 | ppb |
| Benzo(k)fluoranthene | <109 | ppb | 35.10 | 109 | ppb |
| Benzo(a)pyrene | <59.3 | ppb | 35.10 | 59.3 | ppb |
| Indeno(1,2,3-cd)pyrene | <69.8 | ppb | 35.10 | 69.8 | ppb |
| Dibenzo(a,h)anthracene | <71.6 | ppb | 35.10 | 71.6 | ppb |
| Benzo(g,h,i)perylene | <65.6 | ppb | 35.10 | 65.6 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 4**
Custody: G7467
Collected: 04/29/98 9:20 AM
Location: SB1 23-25'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.66 | ppb | 1.03 | 0.66 | ppb |
| Chloromethane | <0.35 | ppb | 1.03 | 0.35 | ppb |
| Vinyl Chloride | <0.62 | ppb | 1.03 | 0.62 | ppb |
| Bromomethane | <0.4 | ppb | 1.03 | 0.4 | ppb |
| Chloroethane | <0.2 | ppb | 1.03 | 0.2 | ppb |
| Trichlorofluoromethane | 4.6 | ppb | 1.03 | 0.11 | ppb |
| 1,1-Dichloroethene | <0.22 | ppb | 1.03 | 0.22 | ppb |
| Methylene Chloride | <0.61 | ppb | 1.03 | 0.61 | ppb |
| t-1,2-Dichloroethene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| 1,1-Dichloroethane | <0.16 | ppb | 1.03 | 0.16 | ppb |
| 2,2-Dichloropropane | <0.24 | ppb | 1.03 | 0.24 | ppb |
| c-1,2-Dichloroethene | <0.52 | ppb | 1.03 | 0.52 | ppb |
| Chloroform | <0.18 | ppb | 1.03 | 0.18 | ppb |
| Bromochloromethane | <0.26 | ppb | 1.03 | 0.26 | ppb |
| 1,1,1-Trichloroethane | <0.29 | ppb | 1.03 | 0.29 | ppb |
| 1,1-Dichloropropene | <0.4 | ppb | 1.03 | 0.4 | ppb |
| Carbon Tetrachloride | <0.28 | ppb | 1.03 | 0.28 | ppb |
| 1,2-Dichloroethane | <0.31 | ppb | 1.03 | 0.31 | ppb |
| Benzene | <0.29 | ppb | 1.03 | 0.29 | ppb |
| Trichloroethene | <0.31 | ppb | 1.03 | 0.31 | ppb |
| 1,2-Dichloropropane | <0.19 | ppb | 1.03 | 0.19 | ppb |
| Bromodichloromethane | <0.2 | ppb | 1.03 | 0.2 | ppb |
| Dibromomethane | <0.55 | ppb | 1.03 | 0.55 | ppb |
| c-1,3-Dichloropropene | <0.26 | ppb | 1.03 | 0.26 | ppb |
| Toluene | <0.34 | ppb | 1.03 | 0.34 | ppb |
| t-1,3-Dichloropropene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| 1,1,2-Trichloroethane | <0.5 | ppb | 1.03 | 0.5 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 4 (continued)**
Custody: G7467
Collected: 04/29/98 9:20 AM
Location: SB1 23-25'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,3-Dichloropropane | <0.48 | ppb | 1.03 | 0.48 | ppb |
| Tetrachloroethene | 1.9 | ppb | 1.03 | 0.29 | ppb |
| Dibromochloromethane | <0.3 | ppb | 1.03 | 0.3 | ppb |
| 1,2-Dibromoethane | <0.52 | ppb | 1.03 | 0.52 | ppb |
| Chlorobenzene | <0.3 | ppb | 1.03 | 0.3 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.33 | ppb | 1.03 | 0.33 | ppb |
| Ethylbenzene | <0.35 | ppb | 1.03 | 0.35 | ppb |
| m,p-xylene | <0.65 | ppb | 1.03 | 0.65 | ppb |
| o-xylene | <0.29 | ppb | 1.03 | 0.29 | ppb |
| Styrene | <0.3 | ppb | 1.03 | 0.3 | ppb |
| Isopropylbenzene | <0.27 | ppb | 1.03 | 0.27 | ppb |
| Bromoform | <0.49 | ppb | 1.03 | 0.49 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.52 | ppb | 1.03 | 0.52 | ppb |
| 1,2,3-Trichloropropane | <0.47 | ppb | 1.03 | 0.47 | ppb |
| n-Propylbenzene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| Bromobenzene | <0.45 | ppb | 1.03 | 0.45 | ppb |
| 1,3,5-Trimethylbenzene | <0.31 | ppb | 1.03 | 0.31 | ppb |
| 2-Chlorotoluene | <0.27 | ppb | 1.03 | 0.27 | ppb |
| 4-Chlorotoluene | <0.35 | ppb | 1.03 | 0.35 | ppb |
| 4-Isopropyltoluene | <0.37 | ppb | 1.03 | 0.37 | ppb |
| 1,2,4-Trimethylbenzene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| sec-Butylbenzene | <0.37 | ppb | 1.03 | 0.37 | ppb |
| tert-Butylbenzene | <0.54 | ppb | 1.03 | 0.54 | ppb |
| 1,3-Dichlorobenzene | <0.33 | ppb | 1.03 | 0.33 | ppb |
| 1,4-Dichlorobenzene | <0.33 | ppb | 1.03 | 0.33 | ppb |
| n-Butylbenzene | <0.4 | ppb | 1.03 | 0.4 | ppb |
| 1,2-Dichlorobenzene | <0.28 | ppb | 1.03 | 0.28 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 4 (continued)**
Custody: G7467
Collected: 04/29/98 9:20 AM
Location: SB1 23-25'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | <0.74 | ppb | 1.03 | 0.74 | ppb |
| 1,2,4-Trichlorobenzene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| Hexachlorobutadiene | <0.36 | ppb | 1.03 | 0.36 | ppb |
| Naphthalene | <0.57 | ppb | 1.03 | 0.57 | ppb |
| 1,2,3-Trichlorobenzene | <0.31 | ppb | 1.03 | 0.31 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 4**
Custody: G7467
Collected: 04/29/98 9:20 AM
Location: SB1 23-25'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <127 | ppb | 34.20 | 127 | ppb |
| bis(2-Chloroethyl)ether | <127 | ppb | 34.20 | 127 | ppb |
| 2-Chlorophenol | <117 | ppb | 34.20 | 117 | ppb |
| 1,3-Dichlorobenzene | <122 | ppb | 34.20 | 122 | ppb |
| 1,4-Dichlorobenzene | <136 | ppb | 34.20 | 136 | ppb |
| Benzyl alcohol | <130 | ppb | 34.20 | 130 | ppb |
| 1,2-Dichlorobenzene | <136 | ppb | 34.20 | 136 | ppb |
| 2-Methylphenol | <135 | ppb | 34.20 | 135 | ppb |
| bis(2-Chloroisopropyl)ether | <121 | ppb | 34.20 | 121 | ppb |
| 3,4-Methylphenol | <276 | ppb | 34.20 | 276 | ppb |
| N-Nitroso-di-n-propylamine | <135 | ppb | 34.20 | 135 | ppb |
| Hexachloroethane | <124 | ppb | 34.20 | 124 | ppb |
| Nitrobenzene | <132 | ppb | 34.20 | 132 | ppb |
| Isophorone | <117 | ppb | 34.20 | 117 | ppb |
| 2-Nitrophenol | <129 | ppb | 34.20 | 129 | ppb |
| 2,4-Dimethylphenol | <94.7 | ppb | 34.20 | 94.7 | ppb |
| Benzoic acid | <154 | ppb | 34.20 | 154 | ppb |
| bis(2-Chloroethoxy)methane | <122 | ppb | 34.20 | 122 | ppb |
| 2,4-Dichlorophenol | <129 | ppb | 34.20 | 129 | ppb |
| 1,2,4-Trichlorobenzene | <137 | ppb | 34.20 | 137 | ppb |
| Naphthalene | <139 | ppb | 34.20 | 139 | ppb |
| 4-Chloroaniline | <36.6 | ppb | 34.20 | 36.6 | ppb |
| Hexachlorobutadiene | <126 | ppb | 34.20 | 126 | ppb |
| 4-Chloro-3-methylphenol | <108 | ppb | 34.20 | 108 | ppb |
| 2-Methylnaphthalene | <133 | ppb | 34.20 | 133 | ppb |
| Hexachlorocyclopentadiene | <199 | ppb | 34.20 | 199 | ppb |
| 2,4,6-Trichlorophenol | <92 | ppb | 34.20 | 92 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 4 (continued)**
Custody: G7467
Collected: 04/29/98 9:20 AM
Location: SB1 23-25'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <83.8 | ppb | 34.20 | 83.8 | ppb |
| 2-Chloronaphthalene | <126 | ppb | 34.20 | 126 | ppb |
| 2-Nitroaniline | <91 | ppb | 34.20 | 91 | ppb |
| Dimethyl phthalate | <84.1 | ppb | 34.20 | 84.1 | ppb |
| Acenaphthylene | <102 | ppb | 34.20 | 102 | ppb |
| 2,6-Dinitrotoluene | <89.9 | ppb | 34.20 | 89.9 | ppb |
| 3-Nitroaniline | <46.9 | ppb | 34.20 | 46.9 | ppb |
| Acenaphthene | <112 | ppb | 34.20 | 112 | ppb |
| 2,4-Dinitrophenol | <142 | ppb | 34.20 | 142 | ppb |
| 4-Nitrophenol | <95.8 | ppb | 34.20 | 95.8 | ppb |
| Dibenzofuran | <107 | ppb | 34.20 | 107 | ppb |
| 2,4-Dinitrotoluene | <92 | ppb | 34.20 | 92 | ppb |
| Diethylphthalate | <77 | ppb | 34.20 | 77 | ppb |
| 4-Chlorophenyl-phenyl ether | <105 | ppb | 34.20 | 105 | ppb |
| Fluorene | <104 | ppb | 34.20 | 104 | ppb |
| 4-Nitroaniline | <54 | ppb | 34.20 | 54 | ppb |
| 4,6-Dinitro-2-methylphenol | <211 | ppb | 34.20 | 211 | ppb |
| N-nitrosodiphenylamine | <70.8 | ppb | 34.20 | 70.8 | ppb |
| 4-Bromophenyl-phenylether | <81.4 | ppb | 34.20 | 81.4 | ppb |
| Hexachlorobenzene | <70.1 | ppb | 34.20 | 70.1 | ppb |
| Pentachlorophenol | <66 | ppb | 34.20 | 66 | ppb |
| Phenanthrene | <73.5 | ppb | 34.20 | 73.5 | ppb |
| Anthracene | <63.6 | ppb | 34.20 | 63.6 | ppb |
| Di-n-butylphthalate | <74.6 | ppb | 34.20 | 74.6 | ppb |
| Fluoranthene | <67.4 | ppb | 34.20 | 67.4 | ppb |
| Pyrene | <60.9 | ppb | 34.20 | 60.9 | ppb |
| Butylbenzylphthalate | <66.3 | ppb | 34.20 | 66.3 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 4 (continued)**
Custody: G7467
Collected: 04/29/98 9:20 AM
Location: SB1 23-25'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <88.2 | ppb | 34.20 | 88.2 | ppb |
| Benzo(a)anthracene | <65.7 | ppb | 34.20 | 65.7 | ppb |
| Chrysene | <68.7 | ppb | 34.20 | 68.7 | ppb |
| bis(2-Ethylhexyl)phthalate | 561 | ppb | 34.20 | 79.3 | ppb |
| Di-n-octylphthalate | <67 | ppb | 34.20 | 67 | ppb |
| Benzo(b)fluoranthene | <80.4 | ppb | 34.20 | 80.4 | ppb |
| Benzo(k)fluoranthene | <96.1 | ppb | 34.20 | 96.1 | ppb |
| Benzo(a)pyrene | <56.1 | ppb | 34.20 | 56.1 | ppb |
| Indeno(1,2,3-cd)pyrene | <71.8 | ppb | 34.20 | 71.8 | ppb |
| Dibenzo(a,h)anthracene | <75.9 | ppb | 34.20 | 75.9 | ppb |
| Benzo(g,h,i)perylene | <73.2 | ppb | 34.20 | 73.2 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 5**
Custody: G7467
Collected: 04/29/98 10:00 AM
Location: SB1 33-35'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.66 | ppb | 1.03 | 0.66 | ppb |
| Chloromethane | <0.35 | ppb | 1.03 | 0.35 | ppb |
| Vinyl Chlorice | <0.62 | ppb | 1.03 | 0.62 | ppb |
| Bromomethane | <0.4 | ppb | 1.03 | 0.4 | ppb |
| Chloroethane | <0.2 | ppb | 1.03 | 0.2 | ppb |
| Trichlorofluoromethane | <0.11 | ppb | 1.03 | 0.11 | ppb |
| 1,1-Dichlorcethene | <0.22 | ppb | 1.03 | 0.22 | ppb |
| Methylene Chloride | <0.61 | ppb | 1.03 | 0.61 | ppb |
| t-1,2-Dichloroethene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| 1,1-Dichlorcethane | <0.16 | ppb | 1.03 | 0.16 | ppb |
| 2,2-Dichloropropane | <0.24 | ppb | 1.03 | 0.24 | ppb |
| c-1,2-Dichloroethene | <0.52 | ppb | 1.03 | 0.52 | ppb |
| Chloroform | <0.18 | ppb | 1.03 | 0.18 | ppb |
| Bromochloromethane | <0.26 | ppb | 1.03 | 0.26 | ppb |
| 1,1,1-Trichloroethane | <0.29 | ppb | 1.03 | 0.29 | ppb |
| 1,1-Dichloropropene | <0.4 | ppb | 1.03 | 0.4 | ppb |
| Carbon Tetrachloride | <0.28 | ppb | 1.03 | 0.28 | ppb |
| 1,2-Dichlorcethane | <0.31 | ppb | 1.03 | 0.31 | ppb |
| Benzene | <0.29 | ppb | 1.03 | 0.29 | ppb |
| Trichloroethene | <0.31 | ppb | 1.03 | 0.31 | ppb |
| 1,2-Dichloropropane | <0.19 | ppb | 1.03 | 0.19 | ppb |
| Bromodichloromethane | <0.2 | ppb | 1.03 | 0.2 | ppb |
| Dibromomethane | <0.55 | ppb | 1.03 | 0.55 | ppb |
| c-1,3-Dichloropropene | <0.26 | ppb | 1.03 | 0.26 | ppb |
| Toluene | 2.8 | ppb | 1.03 | 0.34 | ppb |
| t-1,3-Dichloropropene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| 1,1,2-Trichloroethane | <0.5 | ppb | 1.03 | 0.5 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 5 (continued)**
Custody: G7467
Collected: 04/29/98 10:00 AM
Location: SB1 33-35'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | <0.74 | ppb | 1.03 | 0.74 | ppb |
| 1,2,4-Trichlorobenzene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| Hexachlorobutadiene | <0.36 | ppb | 1.03 | 0.36 | ppb |
| Naphthalene | 5.4 | ppb | 1.03 | 0.57 | ppb |
| 1,2,3-Trichlorobenzene | <0.31 | ppb | 1.03 | 0.31 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 5**
Custody: G7467
Collected: 04/29/98 10:00 AM
Location: SB1 33-35'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <127 | ppb | 34.40 | 127 | ppb |
| bis(2-Chloroethyl)ether | <128 | ppb | 34.40 | 128 | ppb |
| 2-Chlorophenol | <117 | ppb | 34.40 | 117 | ppb |
| 1,3-Dichlorobenzene | <123 | ppb | 34.40 | 123 | ppb |
| 1,4-Dichlorobenzene | <137 | ppb | 34.40 | 137 | ppb |
| Benzyl alcohol | <130 | ppb | 34.40 | 130 | ppb |
| 1,2-Dichlorobenzene | <137 | ppb | 34.40 | 137 | ppb |
| 2-Methylphenol | <136 | ppb | 34.40 | 136 | ppb |
| bis(2-Chloroisopropyl)ether | <122 | ppb | 34.40 | 122 | ppb |
| 3,4-Methylphenol | <277 | ppb | 34.40 | 277 | ppb |
| N-Nitroso-di-n-propylamine | <136 | ppb | 34.40 | 136 | ppb |
| Hexachloroethane | <125 | ppb | 34.40 | 125 | ppb |
| Nitrobenzene | <132 | ppb | 34.40 | 132 | ppb |
| Isophorone | <118 | ppb | 34.40 | 118 | ppb |
| 2-Nitrophenol | <130 | ppb | 34.40 | 130 | ppb |
| 2,4-Dimethylphenol | <95.3 | ppb | 34.40 | 95.3 | ppb |
| Benzoic acid | <154 | ppb | 34.40 | 154 | ppb |
| bis(2-Chloroethoxy)methane | <123 | ppb | 34.40 | 123 | ppb |
| 2,4-Dichlorophenol | <129 | ppb | 34.40 | 129 | ppb |
| 1,2,4-Trichlorobenzene | <138 | ppb | 34.40 | 138 | ppb |
| Naphthalene | <140 | ppb | 34.40 | 140 | ppb |
| 4-Chloroaniline | <36.8 | ppb | 34.40 | 36.8 | ppb |
| Hexachlorobutadiene | <127 | ppb | 34.40 | 127 | ppb |
| 4-Chloro-3-methylphenol | <109 | ppb | 34.40 | 109 | ppb |
| 2-Methylnaphthalene | <133 | ppb | 34.40 | 133 | ppb |
| Hexachlorocyclopentadiene | <200 | ppb | 34.40 | 200 | ppb |
| 2,4,6-Trichlorophenol | <92.5 | ppb | 34.40 | 92.5 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 5 (continued)**
Custody: G7467
Collected: 04/29/98 10:00 AM
Location: SB1 33-35'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,3-Dichloropropane | <0.48 | ppb | 1.03 | 0.48 | ppb |
| Tetrachloroethene | 6.7 | ppb | 1.03 | 0.29 | ppb |
| Dibromochloromethane | <0.3 | ppb | 1.03 | 0.3 | ppb |
| 1,2-Dibromoethane | <0.52 | ppb | 1.03 | 0.52 | ppb |
| Chlorobenzene | <0.3 | ppb | 1.03 | 0.3 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.33 | ppb | 1.03 | 0.33 | ppb |
| Ethylbenzene | <0.35 | ppb | 1.03 | 0.35 | ppb |
| m,p-xylene | 35.4 | ppb | 1.03 | 0.65 | ppb |
| o-xylene | 13.8 | ppb | 1.03 | 0.29 | ppb |
| Styrene | <0.3 | ppb | 1.03 | 0.3 | ppb |
| Isopropylbenzene | 0.96 | ppb | 1.03 | 0.27 | ppb |
| Bromoform | <0.49 | ppb | 1.03 | 0.49 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.52 | ppb | 1.03 | 0.52 | ppb |
| 1,2,3-Trichloropropane | <0.47 | ppb | 1.03 | 0.47 | ppb |
| n-Propylbenzene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| Bromobenzene | <0.45 | ppb | 1.03 | 0.45 | ppb |
| 1,3,5-Trimethylbenzene | 13.4 | ppb | 1.03 | 0.31 | ppb |
| 2-Chlorotoluene | <0.27 | ppb | 1.03 | 0.27 | ppb |
| 4-Chlorotoluene | <0.35 | ppb | 1.03 | 0.35 | ppb |
| 4-Isopropyltoluene | 2.6 | ppb | 1.03 | 0.37 | ppb |
| 1,2,4-Trimethylbenzene | 32.6 | ppb | 1.03 | 0.42 | ppb |
| sec-Butylbenzene | 1.1 | ppb | 1.03 | 0.37 | ppb |
| tert-Butylbenzene | <0.54 | ppb | 1.03 | 0.54 | ppb |
| 1,3-Dichlorobenzene | <0.33 | ppb | 1.03 | 0.33 | ppb |
| 1,4-Dichlorobenzene | <0.33 | ppb | 1.03 | 0.33 | ppb |
| n-Butylbenzene | <0.4 | ppb | 1.03 | 0.4 | ppb |
| 1,2-Dichlorobenzene | <0.28 | ppb | 1.03 | 0.28 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Manager: John Tegins
Area: 95067/Westbury, NY

**Sample 5 (continued)**
Custody: G7467
Collected: 04/29/98 10:00 AM
Location: SB1 33-35'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <84.3 | ppb | 34.40 | 84.3 | ppb |
| 2-Chloronaphthalene | <126 | ppb | 34.40 | 126 | ppb |
| 2-Nitroaniline | <91.5 | ppb | 34.40 | 91.5 | ppb |
| Dimethyl phthalate | <84.6 | ppb | 34.40 | 84.6 | ppb |
| Acenaphthylene | <103 | ppb | 34.40 | 103 | ppb |
| 2,6-Dinitrotoluene | <90.5 | ppb | 34.40 | 90.5 | ppb |
| 3-Nitroaniline | <47.1 | ppb | 34.40 | 47.1 | ppb |
| Acenaphthene | <112 | ppb | 34.40 | 112 | ppb |
| 2,4-Dinitrophenol | <143 | ppb | 34.40 | 143 | ppb |
| 4-Nitrophenol | <96.3 | ppb | 34.40 | 96.3 | ppb |
| Dibenzofuran | <108 | ppb | 34.40 | 108 | ppb |
| 2,4-Dinitrotoluene | <92.5 | ppb | 34.40 | 92.5 | ppb |
| Diethylphthalate | <77.4 | ppb | 34.40 | 77.4 | ppb |
| 4-Chlorophenyl-phenyl ether | <106 | ppb | 34.40 | 106 | ppb |
| Fluorene | <105 | ppb | 34.40 | 105 | ppb |
| 4-Nitroaniline | <54.4 | ppb | 34.40 | 54.4 | ppb |
| 4,6-Dinitro-2-methylphenol | <212 | ppb | 34.40 | 212 | ppb |
| N-nitrosodiphenylamine | <71.2 | ppb | 34.40 | 71.2 | ppb |
| 4-Bromophenyl-phenylether | <81.9 | ppb | 34.40 | 81.9 | ppb |
| Hexachlorobenzene | <70.5 | ppb | 34.40 | 70.5 | ppb |
| Pentachlorophenol | <66.4 | ppb | 34.40 | 66.4 | ppb |
| Phenanthrene | <74 | ppb | 34.40 | 74 | ppb |
| Anthracene | <64 | ppb | 34.40 | 64 | ppb |
| Di-n-butylphthalate | <75 | ppb | 34.40 | 75 | ppb |
| Fluoranthene | <67.8 | ppb | 34.40 | 67.8 | ppb |
| Pyrene | <61.2 | ppb | 34.40 | 61.2 | ppb |
| Butylbenzylphthalate | <66.7 | ppb | 34.40 | 66.7 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 5 (continued)**
Custody: G7467
Collected: 04/29/98 10:00 AM
Location: SB1 33-35'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <88.8 | ppb | 34.40 | 88.8 | ppb |
| Benzo(a)anthracene | <66 | ppb | 34.40 | 66 | ppb |
| Chrysene | <69.1 | ppb | 34.40 | 69.1 | ppb |
| bis(2-Ethylhexyl)phthalate | 239 | ppb | 34.40 | 79.8 | ppb |
| Di-n-octylphthalate | <67.4 | ppb | 34.40 | 67.4 | ppb |
| Benzo(b)fluoranthene | <80.8 | ppb | 34.40 | 80.8 | ppb |
| Benzo(k)fluoranthene | <96.7 | ppb | 34.40 | 96.7 | ppb |
| Benzo(a)pyrene | <56.4 | ppb | 34.40 | 56.4 | ppb |
| Indeno(1,2,3-cd)pyrene | <72.2 | ppb | 34.40 | 72.2 | ppb |
| Dibenzo(a,h)anthracene | <76.4 | ppb | 34.40 | 76.4 | ppb |
| Benzo(g,h,i)perylene | <73.6 | ppb | 34.40 | 73.6 | ppb |

**Reviewed by:**

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 1 (continued)**
Custody: G7467
Collected: 04/28/98 9:00 AM
Location: SB2 5-7'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,3-Dichloropropane | <0.47 | ppb | 1.01 | 0.47 | ppb |
| Tetrachloroethene | <0.28 | ppb | 1.01 | 0.28 | ppb |
| Dibromochloromethane | <0.29 | ppb | 1.01 | 0.29 | ppb |
| 1,2-Dibromoethane | <0.51 | ppb | 1.01 | 0.51 | ppb |
| Chlorobenzene | <0.29 | ppb | 1.01 | 0.29 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.32 | ppb | 1.01 | 0.32 | ppb |
| Ethylbenzene | <0.34 | ppb | 1.01 | 0.34 | ppb |
| m,p-xylene | 1.1 | ppb | 1.01 | 0.64 | ppb |
| o-xylene | <0.28 | ppb | 1.01 | 0.28 | ppb |
| Styrene | <0.29 | ppb | 1.01 | 0.29 | ppb |
| Isopropylbenzene | <0.26 | ppb | 1.01 | 0.26 | ppb |
| Bromoform | <0.48 | ppb | 1.01 | 0.48 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.51 | ppb | 1.01 | 0.51 | ppb |
| 1,2,3-Trichloropropane | <0.46 | ppb | 1.01 | 0.46 | ppb |
| n-Propylbenzene | <0.41 | ppb | 1.01 | 0.41 | ppb |
| Bromobenzene | <0.44 | ppb | 1.01 | 0.44 | ppb |
| 1,3,5-Trimethylbenzene | 0.89 | ppb | 1.01 | 0.3 | ppb |
| 2-Chlorotoluene | <0.26 | ppb | 1.01 | 0.26 | ppb |
| 4-Chlorotoluene | <0.34 | ppb | 1.01 | 0.34 | ppb |
| 4-Isopropyltoluene | <0.36 | ppb | 1.01 | 0.36 | ppb |
| 1,2,4-Trimethylbenzene | 1.4 | ppb | 1.01 | 0.41 | ppb |
| sec-Butylbenzene | <0.36 | ppb | 1.01 | 0.36 | ppb |
| tert-Butylbenzene | <0.53 | ppb | 1.01 | 0.53 | ppb |
| 1,3-Dichlorobenzene | <0.32 | ppb | 1.01 | 0.32 | ppb |
| 1,4-Dichlorobenzene | <0.32 | ppb | 1.01 | 0.32 | ppb |
| n-Butylbenzene | <0.39 | ppb | 1.01 | 0.39 | ppb |
| 1,2-Dichlorobenzene | <0.27 | ppb | 1.01 | 0.27 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 1 (continued)**
Custody: G7467
Collected: 04/28/98 9:00 AM
Location: SB2 5-7'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | <0.73 | ppb | 1.01 | 0.73 | ppb |
| 1,2,4-Trichlorobenzene | <0.41 | ppb | 1.01 | 0.41 | ppb |
| Hexachlorobutadiene | <0.35 | ppb | 1.01 | 0.35 | ppb |
| Naphthalene | <0.56 | ppb | 1.01 | 0.56 | ppb |
| 1,2,3-Trichlorobenzene | <0.3 | ppb | 1.01 | 0.3 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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## ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 1**
Custody: G7467
Collected: 04/28/98 9:00 AM
Location: SB2 5-7'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.65 | ppb | 1.01 | 0.65 | ppb |
| Chloromethane | <0.34 | ppb | 1.01 | 0.34 | ppb |
| Vinyl Chloride | <0.61 | ppb | 1.01 | 0.61 | ppb |
| Bromomethane | <0.39 | ppb | 1.01 | 0.39 | ppb |
| Chloroethane | <0.19 | ppb | 1.01 | 0.19 | ppb |
| Trichlorofluoromethane | <0.11 | ppb | 1.01 | 0.11 | ppb |
| 1,1-Dichloroethene | <0.21 | ppb | 1.01 | 0.21 | ppb |
| Methylene Chloride | <0.6 | ppb | 1.01 | 0.6 | ppb |
| t-1,2-Dichloroethene | <0.41 | ppb | 1.01 | 0.41 | ppb |
| 1,1-Dichloroethane | <0.16 | ppb | 1.01 | 0.16 | ppb |
| 2,2-Dichloropropane | <0.23 | ppb | 1.01 | 0.23 | ppb |
| c-1,2-Dichloroethene | <0.51 | ppb | 1.01 | 0.51 | ppb |
| Chloroform | <0.17 | ppb | 1.01 | 0.17 | ppb |
| Bromochloromethane | <0.25 | ppb | 1.01 | 0.25 | ppb |
| 1,1,1-Trichloroethane | <0.28 | ppb | 1.01 | 0.28 | ppb |
| 1,1-Dichloropropene | <0.39 | ppb | 1.01 | 0.39 | ppb |
| Carbon Tetrachloride | <0.27 | ppb | 1.01 | 0.27 | ppb |
| 1,2-Dichloroethane | <0.3 | ppb | 1.01 | 0.3 | ppb |
| Benzene | <0.28 | ppb | 1.01 | 0.28 | ppb |
| Trichloroethene | <0.3 | ppb | 1.01 | 0.3 | ppb |
| 1,2-Dichloropropane | <0.18 | ppb | 1.01 | 0.18 | ppb |
| Bromodichloromethane | <0.19 | ppb | 1.01 | 0.19 | ppb |
| Dibromomethane | <0.54 | ppb | 1.01 | 0.54 | ppb |
| c-1,3-Dichloropropene | <0.25 | ppb | 1.01 | 0.25 | ppb |
| Toluene | <0.33 | ppb | 1.01 | 0.33 | ppb |
| t-1,3-Dichloropropene | <0.41 | ppb | 1.01 | 0.41 | ppb |
| 1,1,2-Trichloroethane | <0.49 | ppb | 1.01 | 0.49 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 1**
Custody: G7467
Collected: 04/28/98 9:00 AM
Location: SB2 5-7'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <125 | ppb | 33.80 | 125 | ppb |
| bis(2-Chloroethyl)ether | <126 | ppb | 33.80 | 126 | ppb |
| 2-Chlorophenol | <115 | ppb | 33.80 | 115 | ppb |
| 1,3-Dichlorobenzene | <121 | ppb | 33.80 | 121 | ppb |
| 1,4-Dichlorobenzene | <134 | ppb | 33.80 | 134 | ppb |
| Benzyl alcohol | <128 | ppb | 33.80 | 128 | ppb |
| 1,2-Dichlorobenzene | <134 | ppb | 33.80 | 134 | ppb |
| 2-Methylphenol | <133 | ppb | 33.80 | 133 | ppb |
| bis(2-Chloroisopropyl)ether | <120 | ppb | 33.80 | 120 | ppb |
| 3,4-Methylphenol | <272 | ppb | 33.80 | 272 | ppb |
| N-Nitroso-di-n-propylamine | <134 | ppb | 33.80 | 134 | ppb |
| Hexachloroethane | <123 | ppb | 33.80 | 123 | ppb |
| Nitrobenzene | <130 | ppb | 33.80 | 130 | ppb |
| Isophorone | <116 | ppb | 33.80 | 116 | ppb |
| 2-Nitrophenol | <128 | ppb | 33.80 | 128 | ppb |
| 2,4-Dimethylphenol | <93.6 | ppb | 33.80 | 93.6 | ppb |
| Benzoic acid | <152 | ppb | 33.80 | 152 | ppb |
| bis(2-Chloroethoxy)methane | <121 | ppb | 33.80 | 121 | ppb |
| 2,4-Dichlorophenol | <127 | ppb | 33.80 | 127 | ppb |
| 1,2,4-Trichlorobenzene | <136 | ppb | 33.80 | 136 | ppb |
| Naphthalene | <137 | ppb | 33.80 | 137 | ppb |
| 4-Chloroaniline | <36.2 | ppb | 33.80 | 36.2 | ppb |
| Hexachlorobutadiene | <125 | ppb | 33.80 | 125 | ppb |
| 4-Chloro-3-methylphenol | <107 | ppb | 33.80 | 107 | ppb |
| 2-Methylnaphthalene | <131 | ppb | 33.80 | 131 | ppb |
| Hexachlorocyclopentadiene | <197 | ppb | 33.80 | 197 | ppb |
| 2,4,6-Trichlorophenol | <90.9 | ppb | 33.80 | 90.9 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 1 (continued)**
Custody: G7467
Collected: 04/28/98 9:00 AM
Location: SB2 5-7'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <82.8 | ppb | 33.80 | 82.8 | ppb |
| 2-Chloronaphthalene | <124 | ppb | 33.80 | 124 | ppb |
| 2-Nitroaniline | <89.9 | ppb | 33.80 | 89.9 | ppb |
| Dimethyl phthalate | <83.1 | ppb | 33.80 | 83.1 | ppb |
| Acenaphthylene | <101 | ppb | 33.80 | 101 | ppb |
| 2,6-Dinitrotoluene | <88.9 | ppb | 33.80 | 88.9 | ppb |
| 3-Nitroaniline | <46.3 | ppb | 33.80 | 46.3 | ppb |
| Acenaphthene | <111 | ppb | 33.80 | 111 | ppb |
| 2,4-Dinitrophenol | <140 | ppb | 33.80 | 140 | ppb |
| 4-Nitrophenol | <94.6 | ppb | 33.80 | 94.6 | ppb |
| Dibenzofuran | <106 | ppb | 33.80 | 106 | ppb |
| 2,4-Dinitrotoluene | <90.9 | ppb | 33.80 | 90.9 | ppb |
| Diethylphthalate | <76 | ppb | 33.80 | 76 | ppb |
| 4-Chlorophenyl-phenyl ether | <104 | ppb | 33.80 | 104 | ppb |
| Fluorene | 109 | ppb | 33.80 | 103 | ppb |
| 4-Nitroaniline | <53.4 | ppb | 33.80 | 53.4 | ppb |
| 4,6-Dinitro-2-methylphenol | <208 | ppb | 33.80 | 208 | ppb |
| N-nitrosodiphenylamine | <70 | ppb | 33.80 | 70 | ppb |
| 4-Bromophenyl-phenylether | <80.4 | ppb | 33.80 | 80.4 | ppb |
| Hexachlorobenzene | <69.3 | ppb | 33.80 | 69.3 | ppb |
| Pentachlorophenol | <65.2 | ppb | 33.80 | 65.2 | ppb |
| Phenanthrene | 499 | ppb | 33.80 | 72.7 | ppb |
| Anthracene | 175 | ppb | 33.80 | 62.9 | ppb |
| Di-n-butylphthalate | <73.7 | ppb | 33.80 | 73.7 | ppb |
| Fluoranthene | 615 | ppb | 33.80 | 66.6 | ppb |
| Pyrene | 479 | ppb | 33.80 | 60.2 | ppb |
| Butylbenzylphthalate | <65.6 | ppb | 33.80 | 65.6 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 1 (continued)**
Custody: G7467
Collected: 04/28/98 9:00 AM
Location: SB2 5-7'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | **<87.2** | ppb | 33.80 | 87.2 | ppb |
| Benzo(a)anthracene | **233** | ppb | 33.80 | 64.9 | ppb |
| Chrysene | **201** | ppb | 33.80 | 67.9 | ppb |
| bis(2-Ethylhexyl)phthalate | **84.5** | ppb | 33.80 | 78.4 | ppb |
| Di-n-octylphthalate | **<66.2** | ppb | 33.80 | 66.2 | ppb |
| Benzo(b)fluoranthene | **205** | ppb | 33.80 | 79.4 | ppb |
| Benzo(k)fluoranthene | **<95** | ppb | 33.80 | 95 | ppb |
| Benzo(a)pyrene | **169** | ppb | 33.80 | 55.4 | ppb |
| Indeno(1,2,3-cd)pyrene | **<71** | ppb | 33.80 | 71 | ppb |
| Dibenzo(a,h)anthracene | **<75** | ppb | 33.80 | 75 | ppb |
| Benzo(g,h,i)perylene | **<72.3** | ppb | 33.80 | 72.3 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
**Manager:** John Tegins
Area: 95067/Westbury, NY

**Sample 2**
Custody: G7467
Collected: 04/28/98 9:15 AM
Location: SB2 11-13'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | ppb | 1.04 | 0.67 | ppb |
| Chloromethane | <0.35 | ppb | 1.04 | 0.35 | ppb |
| Vinyl Chloride | <0.62 | ppb | 1.04 | 0.62 | ppb |
| Bromomethane | <0.41 | ppb | 1.04 | 0.41 | ppb |
| Chloroethane | <0.2 | ppb | 1.04 | 0.2 | ppb |
| Trichlorofluoromethane | <0.11 | ppb | 1.04 | 0.11 | ppb |
| 1,1-Dichloroethene | <0.22 | ppb | 1.04 | 0.22 | ppb |
| Methylene Chloride | <0.61 | ppb | 1.04 | 0.61 | ppb |
| t-1,2-Dichloroethene | <0.43 | ppb | 1.04 | 0.43 | ppb |
| 1,1-Dichloroethane | <0.17 | ppb | 1.04 | 0.17 | ppb |
| 2,2-Dichloropropane | <0.24 | ppb | 1.04 | 0.24 | ppb |
| c-1,2-Dichloroethene | <0.52 | ppb | 1.04 | 0.52 | ppb |
| Chloroform | <0.18 | ppb | 1.04 | 0.18 | ppb |
| Bromochloromethane | <0.26 | ppb | 1.04 | 0.26 | ppb |
| 1,1,1-Trichloroethane | <0.29 | ppb | 1.04 | 0.29 | ppb |
| 1,1-Dichloropropene | <0.41 | ppb | 1.04 | 0.41 | ppb |
| Carbon Tetrachloride | <0.28 | ppb | 1.04 | 0.28 | ppb |
| 1,2-Dichloroethane | <0.31 | ppb | 1.04 | 0.31 | ppb |
| Benzene | <0.29 | ppb | 1.04 | 0.29 | ppb |
| Trichloroethene | <0.31 | ppb | 1.04 | 0.31 | ppb |
| 1,2-Dichloropropane | <0.19 | ppb | 1.04 | 0.19 | ppb |
| Bromodichloromethane | <0.2 | ppb | 1.04 | 0.2 | ppb |
| Dibromomethane | <0.55 | ppb | 1.04 | 0.55 | ppb |
| c-1,3-Dichloropropene | <0.26 | ppb | 1.04 | 0.26 | ppb |
| Toluene | <0.34 | ppb | 1.04 | 0.34 | ppb |
| t-1,3-Dichloropropene | <0.43 | ppb | 1.04 | 0.43 | ppb |
| 1,1,2-Trichloroethane | <0.51 | ppb | 1.04 | 0.51 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 2 (continued)**
Custody: G7467
Collected: 04/28/98 9:15 AM
Location: SB2 11-13'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,3-Dichloropropane | <0.49 | ppb | 1.04 | 0.49 | ppb |
| Tetrachloroethene | <0.29 | ppb | 1.04 | 0.29 | ppb |
| Dibromochloromethane | <0.3 | ppb | 1.04 | 0.3 | ppb |
| 1,2-Dibromoethane | <0.52 | ppb | 1.04 | 0.52 | ppb |
| Chlorobenzene | <0.3 | ppb | 1.04 | 0.3 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.33 | ppb | 1.04 | 0.33 | ppb |
| Ethylbenzene | <0.35 | ppb | 1.04 | 0.35 | ppb |
| m,p-xylene | <0.66 | ppb | 1.04 | 0.66 | ppb |
| o-xylene | <0.29 | ppb | 1.04 | 0.29 | ppb |
| Styrene | <0.3 | ppb | 1.04 | 0.3 | ppb |
| Isopropylbenzene | <0.27 | ppb | 1.04 | 0.27 | ppb |
| Bromoform | <0.5 | ppb | 1.04 | 0.5 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.52 | ppb | 1.04 | 0.52 | ppb |
| 1,2,3-Trichloropropane | <0.48 | ppb | 1.04 | 0.48 | ppb |
| n-Propylbenzene | <0.43 | ppb | 1.04 | 0.43 | ppb |
| Bromobenzene | <0.46 | ppb | 1.04 | 0.46 | ppb |
| 1,3,5-Trimethylbenzene | <0.31 | ppb | 1.04 | 0.31 | ppb |
| 2-Chlorotoluene | <0.27 | ppb | 1.04 | 0.27 | ppb |
| 4-Chlorotoluene | <0.35 | ppb | 1.04 | 0.35 | ppb |
| 4-Isopropyltoluene | <0.37 | ppb | 1.04 | 0.37 | ppb |
| 1,2,4-Trimethylbenzene | <0.43 | ppb | 1.04 | 0.43 | ppb |
| sec-Butylbenzene | <0.37 | ppb | 1.04 | 0.37 | ppb |
| tert-Butylbenzene | <0.54 | ppb | 1.04 | 0.54 | ppb |
| 1,3-Dichlorobenzene | <0.33 | ppb | 1.04 | 0.33 | ppb |
| 1,4-Dichlorobenzene | <0.33 | ppb | 1.04 | 0.33 | ppb |
| n-Butylbenzene | <0.41 | ppb | 1.04 | 0.41 | ppb |
| 1,2-Dichlorobenzene | <0.28 | ppb | 1.04 | 0.28 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 2 (continued)**
Custody: G7467
Collected: 04/28/98 9:15 AM
Location: SB2 11-13'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/02/98
Remarks: See Case Narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | **<0.75** | ppb | 1.04 | 0.75 | ppb |
| 1,2,4-Trichlorobenzene | **<0.43** | ppb | 1.04 | 0.43 | ppb |
| Hexachlorobutadiene | **<0.36** | ppb | 1.04 | 0.36 | ppb |
| Naphthalene | **<0.57** | ppb | 1.04 | 0.57 | ppb |
| 1,2,3-Trichlorobenzene | **<0.31** | ppb | 1.04 | 0.31 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

Manager: John Tegins

**Sample 2**
Custody: G7467
Collected: 04/28/98 9:15 AM
Location: SB2 11-13'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <128 | ppb | 34.70 | 128 | ppb |
| bis(2-Chloroethyl)ether | <129 | ppb | 34.70 | 129 | ppb |
| 2-Chlorophenol | <118 | ppb | 34.70 | 118 | ppb |
| 1,3-Dichlorobenzene | <124 | ppb | 34.70 | 124 | ppb |
| 1,4-Dichlorobenzene | <138 | ppb | 34.70 | 138 | ppb |
| Benzyl alcohol | <132 | ppb | 34.70 | 132 | ppb |
| 1,2-Dichlorobenzene | <138 | ppb | 34.70 | 138 | ppb |
| 2-Methylphenol | <137 | ppb | 34.70 | 137 | ppb |
| bis(2-Chloroisopropyl)ether | <123 | ppb | 34.70 | 123 | ppb |
| 3,4-Methylphenol | <280 | ppb | 34.70 | 280 | ppb |
| N-Nitroso-di-n-propylamine | <137 | ppb | 34.70 | 137 | ppb |
| Hexachloroethane | <126 | ppb | 34.70 | 126 | ppb |
| Nitrobenzene | <134 | ppb | 34.70 | 134 | ppb |
| Isophorone | <119 | ppb | 34.70 | 119 | ppb |
| 2-Nitrophenol | <131 | ppb | 34.70 | 131 | ppb |
| 2,4-Dimethylphenol | <96.1 | ppb | 34.70 | 96.1 | ppb |
| Benzoic acid | <156 | ppb | 34.70 | 156 | ppb |
| bis(2-Chloroethoxy)methane | <124 | ppb | 34.70 | 124 | ppb |
| 2,4-Dichlorophenol | <130 | ppb | 34.70 | 130 | ppb |
| 1,2,4-Trichlorobenzene | <139 | ppb | 34.70 | 139 | ppb |
| Naphthalene | <141 | ppb | 34.70 | 141 | ppb |
| 4-Chloroaniline | <37.1 | ppb | 34.70 | 37.1 | ppb |
| Hexachlorobutadiene | <128 | ppb | 34.70 | 128 | ppb |
| 4-Chloro-3-methylphenol | <110 | ppb | 34.70 | 110 | ppb |
| 2-Methylnaphthalene | <135 | ppb | 34.70 | 135 | ppb |
| Hexachlorocyclopentadiene | <202 | ppb | 34.70 | 202 | ppb |
| 2,4,6-Trichlorophenol | <93.3 | ppb | 34.70 | 93.3 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 2 (continued)**
Custody: G7467
Collected: 04/28/98 9:15 AM
Location: SB2 11-13'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <85 | ppb | 34.70 | 85 | ppb |
| 2-Chloronaphthalene | <127 | ppb | 34.70 | 127 | ppb |
| 2-Nitroaniline | <92.3 | ppb | 34.70 | 92.3 | ppb |
| Dimethyl phthalate | <85.4 | ppb | 34.70 | 85.4 | ppb |
| Acenaphthylene | <104 | ppb | 34.70 | 104 | ppb |
| 2,6-Dinitrotoluene | <91.3 | ppb | 34.70 | 91.3 | ppb |
| 3-Nitroaniline | <47.5 | ppb | 34.70 | 47.5 | ppb |
| Acenaphthene | <113 | ppb | 34.70 | 113 | ppb |
| 2,4-Dinitrophenol | <144 | ppb | 34.70 | 144 | ppb |
| 4-Nitrophenol | <97.2 | ppb | 34.70 | 97.2 | ppb |
| Dibenzofuran | <109 | ppb | 34.70 | 109 | ppb |
| 2,4-Dinitrotoluene | <93.3 | ppb | 34.70 | 93.3 | ppb |
| Diethylphthalate | <78.1 | ppb | 34.70 | 78.1 | ppb |
| 4-Chlorophenyl-phenyl ether | <107 | ppb | 34.70 | 107 | ppb |
| Fluorene | <106 | ppb | 34.70 | 106 | ppb |
| 4-Nitroaniline | <54.8 | ppb | 34.70 | 54.8 | ppb |
| 4,6-Dinitro-2-methylphenol | <214 | ppb | 34.70 | 214 | ppb |
| N-nitrosodiphenylamine | <71.8 | ppb | 34.70 | 71.8 | ppb |
| 4-Bromophenyl-phenylether | <82.6 | ppb | 34.70 | 82.6 | ppb |
| Hexachlorobenzene | <71.1 | ppb | 34.70 | 71.1 | ppb |
| Pentachlorophenol | <67 | ppb | 34.70 | 67 | ppb |
| Phenanthrene | <74.6 | ppb | 34.70 | 74.6 | ppb |
| Anthracene | <64.5 | ppb | 34.70 | 64.5 | ppb |
| Di-n-butylphthalate | <75.6 | ppb | 34.70 | 75.6 | ppb |
| Fluoranthene | <68.4 | ppb | 34.70 | 68.4 | ppb |
| Pyrene | <61.8 | ppb | 34.70 | 61.8 | ppb |
| Butylbenzylphthalate | <67.3 | ppb | 34.70 | 67.3 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/19/98

**Project**

**Custody Document G7467**
Received: 04/29/98 4:10 PM
Sampled by:
Job Number:
Area: 95067/Westbury, NY

**Manager:** John Tegins

**Sample 2 (continued)**
Custody: G7467
Collected: 04/28/98 9:15 AM
Location: SB2 11-13'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/13/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <89.5 | ppb | 34.70 | 89.5 | ppb |
| Benzo(a)anthracene | <66.6 | ppb | 34.70 | 66.6 | ppb |
| Chrysene | <69.7 | ppb | 34.70 | 69.7 | ppb |
| bis(2-Ethylhexyl)phthalate | <80.5 | ppb | 34.70 | 80.5 | ppb |
| Di-n-octylphthalate | <68 | ppb | 34.70 | 68 | ppb |
| Benzo(b)fluoranthene | <81.5 | ppb | 34.70 | 81.5 | ppb |
| Benzo(k)fluoranthene | <97.5 | ppb | 34.70 | 97.5 | ppb |
| Benzo(a)pyrene | <56.9 | ppb | 34.70 | 56.9 | ppb |
| Indeno(1,2,3-cd)pyrene | <72.9 | ppb | 34.70 | 72.9 | ppb |
| Dibenzo(a,h)anthracene | <77 | ppb | 34.70 | 77 | ppb |
| Benzo(g,h,i)perylene | <74.3 | ppb | 34.70 | 74.3 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 1**
Custody: G7466
Collected: 04/21/98 3:30 PM
Location: SB3-32'-34'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | ppb | 1.05 | 0.67 | ppb |
| Chloromethane | <0.36 | ppb | 1.05 | 0.36 | ppb |
| Vinyl Chloride | <0.63 | ppb | 1.05 | 0.63 | ppb |
| Bromomethane | <0.41 | ppb | 1.05 | 0.41 | ppb |
| Chloroethane | <0.2 | ppb | 1.05 | 0.2 | ppb |
| Trichlorofluoromethane | <0.12 | ppb | 1.05 | 0.12 | ppb |
| 1,1-Dichloroethene | <0.22 | ppb | 1.05 | 0.22 | ppb |
| Methylene Chloride | <0.62 | ppb | 1.05 | 0.62 | ppb |
| t-1,2-Dichloroethene | <0.43 | ppb | 1.05 | 0.43 | ppb |
| 1,1-Dichloroethane | <0.17 | ppb | 1.05 | 0.17 | ppb |
| 2,2-Dichloropropane | <0.24 | ppb | 1.05 | 0.24 | ppb |
| c-1,2-Dichloroethene | <0.53 | ppb | 1.05 | 0.53 | ppb |
| Chloroform | <0.18 | ppb | 1.05 | 0.18 | ppb |
| Bromochloromethane | <0.26 | ppb | 1.05 | 0.26 | ppb |
| 1,1,1-Trichloroethane | <0.29 | ppb | 1.05 | 0.29 | ppb |
| 1,1-Dichloropropene | <0.41 | ppb | 1.05 | 0.41 | ppb |
| Carbon Tetrachloride | <0.28 | ppb | 1.05 | 0.28 | ppb |
| 1,2-Dichloroethane | <0.32 | ppb | 1.05 | 0.32 | ppb |
| Benzene | <0.29 | ppb | 1.05 | 0.29 | ppb |
| Trichloroethene | <0.32 | ppb | 1.05 | 0.32 | ppb |
| 1,2-Dichloropropane | <0.19 | ppb | 1.05 | 0.19 | ppb |
| Bromodichloromethane | <0.2 | ppb | 1.05 | 0.2 | ppb |
| Dibromomethane | <0.56 | ppb | 1.05 | 0.56 | ppb |
| c-1,3-Dichloropropene | <0.26 | ppb | 1.05 | 0.26 | ppb |
| Toluene | 3.1 | ppb | 1.05 | 0.35 | ppb |
| t-1,3-Dichloropropene | <0.43 | ppb | 1.05 | 0.43 | ppb |
| 1,1,2-Trichloroethane | <0.51 | ppb | 1.05 | 0.51 | ppb |
| 1,3-Dichloropropane | <0.49 | ppb | 1.05 | 0.49 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 1 (continued)**
Custody: G7466
Collected: 04/21/98 3:30 PM
Location: SB3-32'-34'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Tetrachloroethene | 12.5 | ppb | 1.05 | 0.29 | ppb |
| Dibromochloromethane | <0.3 | ppb | 1.05 | 0.3 | ppb |
| 1,2-Dibromoethane | <0.53 | ppb | 1.05 | 0.53 | ppb |
| Chlorobenzene | <0.3 | ppb | 1.05 | 0.3 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.34 | ppb | 1.05 | 0.34 | ppb |
| Ethylbenzene | <0.36 | ppb | 1.05 | 0.36 | ppb |
| m,p-xylene | 21.6 | ppb | 1.05 | 0.66 | ppb |
| o-xylene | 19.3 | ppb | 1.05 | 0.29 | ppb |
| Styrene | <0.3 | ppb | 1.05 | 0.3 | ppb |
| Isopropylbenzene | <0.27 | ppb | 1.05 | 0.27 | ppb |
| Bromoform | <0.5 | ppb | 1.05 | 0.5 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.53 | ppb | 1.05 | 0.53 | ppb |
| 1,2,3-Trichloropropane | <0.48 | ppb | 1.05 | 0.48 | ppb |
| n-Propylbenzene | <0.43 | ppb | 1.05 | 0.43 | ppb |
| Bromobenzene | <0.46 | ppb | 1.05 | 0.46 | ppb |
| 1,3,5-Trimethylbenzene | 17.9 | ppb | 1.05 | 0.32 | ppb |
| 2-Chlorotoluene | <0.27 | ppb | 1.05 | 0.27 | ppb |
| 4-Chlorotoluene | <0.36 | ppb | 1.05 | 0.36 | ppb |
| 4-Isopropyltoluene | 2.3 | ppb | 1.05 | 0.38 | ppb |
| 1,2,4-Trimethylbenzene | 30.8 | ppb | 1.05 | 0.43 | ppb |
| sec-Butylbenzene | <0.38 | ppb | 1.05 | 0.38 | ppb |
| tert-Butylbenzene | <0.55 | ppb | 1.05 | 0.55 | ppb |
| 1,3-Dichlorobenzene | <0.34 | ppb | 1.05 | 0.34 | ppb |
| 1,4-Dichlorobenzene | <0.34 | ppb | 1.05 | 0.34 | ppb |
| n-Butylbenzene | 3.1 | ppb | 1.05 | 0.41 | ppb |
| 1,2-Dichlorobenzene | <0.28 | ppb | 1.05 | 0.28 | ppb |
| 1,2-Dibromo-3-chloropropane | <0.76 | ppb | 1.05 | 0.76 | ppb |
| 1,2,4-Trichlorobenzene | <0.43 | ppb | 1.05 | 0.43 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

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**Sample 1 (continued)**
Custody: G7466
Collected: 04/21/98 3:30 PM
Location: SB3-32'-34'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Hexachlorobutadiene | <0.37 | ppb | 1.05 | 0.37 | ppb |
| Naphthalene | 18.0 | ppb | 1.05 | 0.58 | ppb |
| 1,2,3-Trichlorobenzene | <0.32 | ppb | 1.05 | 0.32 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 1**
Custody: G7466
Collected: 04/21/98 3:30 PM
Location: SB3-32'-34'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <130 | ppb | 35.10 | 130 | ppb |
| bis(2-Chloroethyl)ether | <131 | ppb | 35.10 | 131 | ppb |
| 2-Chlorophenol | <120 | ppb | 35.10 | 120 | ppb |
| 1,3-Dichlorobenzene | <125 | ppb | 35.10 | 125 | ppb |
| 1,4-Dichlorobenzene | <139 | ppb | 35.10 | 139 | ppb |
| Benzyl alcohol | <133 | ppb | 35.10 | 133 | ppb |
| 1,2-Dichlorobenzene | <139 | ppb | 35.10 | 139 | ppb |
| 2-Methylphenol | <138 | ppb | 35.10 | 138 | ppb |
| bis(2-Chloroisopropyl)ether | <124 | ppb | 35.10 | 124 | ppb |
| 3,4-Methylphenol | <283 | ppb | 35.10 | 283 | ppb |
| N-Nitroso-di-n-propylamine | <139 | ppb | 35.10 | 139 | ppb |
| Hexachloroethane | <128 | ppb | 35.10 | 128 | ppb |
| Nitrobenzene | <135 | ppb | 35.10 | 135 | ppb |
| Isophorone | <120 | ppb | 35.10 | 120 | ppb |
| 2-Nitrophenol | <133 | ppb | 35.10 | 133 | ppb |
| 2,4-Dimethylphenol | <97.2 | ppb | 35.10 | 97.2 | ppb |
| Benzoic acid | <158 | ppb | 35.10 | 158 | ppb |
| bis(2-Chloroethoxy)methane | <125 | ppb | 35.10 | 125 | ppb |
| 2,4-Dichlorophenol | <132 | ppb | 35.10 | 132 | ppb |
| 1,2,4-Trichlorobenzene | <141 | ppb | 35.10 | 141 | ppb |
| Naphthalene | <143 | ppb | 35.10 | 143 | ppb |
| 4-Chloroaniline | <37.6 | ppb | 35.10 | 37.6 | ppb |
| Hexachlorobutadiene | <130 | ppb | 35.10 | 130 | ppb |
| 4-Chloro-3-methylphenol | <111 | ppb | 35.10 | 111 | ppb |
| 2-Methylnaphthalene | <136 | ppb | 35.10 | 136 | ppb |
| Hexachlorocyclopentadiene | <204 | ppb | 35.10 | 204 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 1 (continued)**
Custody: G7466
Collected: 04/21/98 3:30 PM
Location: SB3-32'-34'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,6-Trichlorophenol | <94.4 | ppb | 35.10 | 94.4 | ppb |
| 2,4,5-Trichlorophenol | <86 | ppb | 35.10 | 86 | ppb |
| 2-Chloronaphthalene | <129 | ppb | 35.10 | 129 | ppb |
| 2-Nitroaniline | <93.4 | ppb | 35.10 | 93.4 | ppb |
| Dimethyl phthalate | <86.3 | ppb | 35.10 | 86.3 | ppb |
| Acenaphthylene | <105 | ppb | 35.10 | 105 | ppb |
| 2,6-Dinitrotoluene | <92.3 | ppb | 35.10 | 92.3 | ppb |
| 3-Nitroaniline | <48.1 | ppb | 35.10 | 48.1 | ppb |
| Acenaphthene | <115 | ppb | 35.10 | 115 | ppb |
| 2,4-Dinitrophenol | <146 | ppb | 35.10 | 146 | ppb |
| 4-Nitrophenol | <98.3 | ppb | 35.10 | 98.3 | ppb |
| Dibenzofuran | <110 | ppb | 35.10 | 110 | ppb |
| 2,4-Dinitrotoluene | <94.4 | ppb | 35.10 | 94.4 | ppb |
| Diethylphthalate | <79 | ppb | 35.10 | 79 | ppb |
| 4-Chlorophenyl-phenyl ether | <108 | ppb | 35.10 | 108 | ppb |
| Fluorene | <107 | ppb | 35.10 | 107 | ppb |
| 4-Nitroaniline | <55.5 | ppb | 35.10 | 55.5 | ppb |
| 4,6-Dinitro-2-methylphenol | <216 | ppb | 35.10 | 216 | ppb |
| N-nitrosodiphenylamine | <72.7 | ppb | 35.10 | 72.7 | ppb |
| 4-Bromophenyl-phenylether | <83.5 | ppb | 35.10 | 83.5 | ppb |
| Hexachlorobenzene | <72 | ppb | 35.10 | 72 | ppb |
| Pentachlorophenol | <67.7 | ppb | 35.10 | 67.7 | ppb |
| Phenanthrene | <75.5 | ppb | 35.10 | 75.5 | ppb |
| Anthracene | <65.3 | ppb | 35.10 | 65.3 | ppb |
| Di-n-butylphthalate | 119 | ppb | 35.10 | 76.5 | ppb |
| Fluoranthene | <69.1 | ppb | 35.10 | 69.1 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 1 (continued)**
Custody: G7466
Collected: 04/21/98 3:30 PM
Location: SB3-32'-34'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Pyrene | <62.5 | ppb | 35.10 | 62.5 | ppb |
| Butylbenzylphthalate | <68.1 | ppb | 35.10 | 68.1 | ppb |
| 3,3'-Dichlorobenzidine | <90.6 | ppb | 35.10 | 90.6 | ppb |
| Benzo(a)anthracene | <67.4 | ppb | 35.10 | 67.4 | ppb |
| Chrysene | <70.6 | ppb | 35.10 | 70.6 | ppb |
| bis(2-Ethylhexyl)phthalate | <81.4 | ppb | 35.10 | 81.4 | ppb |
| Di-n-octylphthalate | <68.8 | ppb | 35.10 | 68.8 | ppb |
| Benzo(b)fluoranthene | <82.5 | ppb | 35.10 | 82.5 | ppb |
| Benzo(k)fluoranthene | <98.6 | ppb | 35.10 | 98.6 | ppb |
| Benzo(a)pyrene | <57.6 | ppb | 35.10 | 57.6 | ppb |
| Indeno(1,2,3-cd)pyrene | <73.7 | ppb | 35.10 | 73.7 | ppb |
| Dibenzo(a,h)anthracene | <77.9 | ppb | 35.10 | 77.9 | ppb |
| Benzo(g,h,i)perylene | <75.1 | ppb | 35.10 | 75.1 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 2**
Custody: G7466
Collected: 04/21/98 3:40 PM
Location: SB3-34'-36'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.65 | ppb | 1.02 | 0.65 | ppb |
| Chloromethane | <0.35 | ppb | 1.02 | 0.35 | ppb |
| Vinyl Chloride | <0.61 | ppb | 1.02 | 0.61 | ppb |
| Bromomethane | <0.4 | ppb | 1.02 | 0.4 | ppb |
| Chloroethane | <0.19 | ppb | 1.02 | 0.19 | ppb |
| Trichlorofluoromethane | <0.11 | ppb | 1.02 | 0.11 | ppb |
| 1,1-Dichloroethene | <0.21 | ppb | 1.02 | 0.21 | ppb |
| Methylene Chloride | <0.6 | ppb | 1.02 | 0.6 | ppb |
| t-1,2-Dichloroethene | <0.42 | ppb | 1.02 | 0.42 | ppb |
| 1,1-Dichloroethane | <0.16 | ppb | 1.02 | 0.16 | ppb |
| 2,2-Dichloropropane | <0.23 | ppb | 1.02 | 0.23 | ppb |
| c-1,2-Dichloroethene | <0.51 | ppb | 1.02 | 0.51 | ppb |
| Chloroform | <0.17 | ppb | 1.02 | 0.17 | ppb |
| Bromochloromethane | <0.26 | ppb | 1.02 | 0.26 | ppb |
| 1,1,1-Trichloroethane | <0.29 | ppb | 1.02 | 0.29 | ppb |
| 1,1-Dichloropropene | <0.4 | ppb | 1.02 | 0.4 | ppb |
| Carbon Tetrachloride | <0.28 | ppb | 1.02 | 0.28 | ppb |
| 1,2-Dichloroethane | <0.31 | ppb | 1.02 | 0.31 | ppb |
| Benzene | <0.29 | ppb | 1.02 | 0.29 | ppb |
| Trichloroethene | <0.31 | ppb | 1.02 | 0.31 | ppb |
| 1,2-Dichloropropane | <0.18 | ppb | 1.02 | 0.18 | ppb |
| Bromodichloromethane | <0.19 | ppb | 1.02 | 0.19 | ppb |
| Dibromomethane | <0.54 | ppb | 1.02 | 0.54 | ppb |
| c-1,3-Dichloropropene | <0.26 | ppb | 1.02 | 0.26 | ppb |
| Toluene | <0.34 | ppb | 1.02 | 0.34 | ppb |
| t-1,3-Dichloropropene | <0.42 | ppb | 1.02 | 0.42 | ppb |
| 1,1,2-Trichloroethane | <0.5 | ppb | 1.02 | 0.5 | ppb |
| 1,3-Dichloropropane | <0.48 | ppb | 1.02 | 0.48 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 2 (continued)**
Custody: G7466
Collected: 04/21/98 3:40 PM
Location: SB3-34'-36'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Tetrachloroethene | <0.29 | ppb | 1.02 | 0.29 | ppb |
| Dibromochloromethane | <0.3 | ppb | 1.02 | 0.3 | ppb |
| 1,2-Dibromoethane | <0.51 | ppb | 1.02 | 0.51 | ppb |
| Chlorobenzene | <0.3 | ppb | 1.02 | 0.3 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.33 | ppb | 1.02 | 0.33 | ppb |
| Ethylbenzene | <0.35 | ppb | 1.02 | 0.35 | ppb |
| m,p-xylene | 0.91 | ppb | 1.02 | 0.64 | ppb |
| o-xylene | <0.29 | ppb | 1.02 | 0.29 | ppb |
| Styrene | <0.3 | ppb | 1.02 | 0.3 | ppb |
| Isopropylbenzene | <0.27 | ppb | 1.02 | 0.27 | ppb |
| Bromoform | <0.49 | ppb | 1.02 | 0.49 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.51 | ppb | 1.02 | 0.51 | ppb |
| 1,2,3-Trichloropropane | <0.47 | ppb | 1.02 | 0.47 | ppb |
| n-Propylbenzene | <0.42 | ppb | 1.02 | 0.42 | ppb |
| Bromobenzene | <0.45 | ppb | 1.02 | 0.45 | ppb |
| 1,3,5-Trimethylbenzene | 1.2 | ppb | 1.02 | 0.31 | ppb |
| 2-Chlorotoluene | <0.27 | ppb | 1.02 | 0.27 | ppb |
| 4-Chlorotoluene | <0.35 | ppb | 1.02 | 0.35 | ppb |
| 4-Isopropyltoluene | <0.37 | ppb | 1.02 | 0.37 | ppb |
| 1,2,4-Trimethylbenzene | 3.2 | ppb | 1.02 | 0.42 | ppb |
| sec-Butylbenzene | <0.37 | ppb | 1.02 | 0.37 | ppb |
| tert-Butylbenzene | <0.53 | ppb | 1.02 | 0.53 | ppb |
| 1,3-Dichlorobenzene | <0.33 | ppb | 1.02 | 0.33 | ppb |
| 1,4-Dichlorobenzene | <0.33 | ppb | 1.02 | 0.33 | ppb |
| n-Butylbenzene | <0.4 | ppb | 1.02 | 0.4 | ppb |
| 1,2-Dichlorobenzene | <0.28 | ppb | 1.02 | 0.28 | ppb |
| 1,2-Dibromo-3-chloropropane | <0.73 | ppb | 1.02 | 0.73 | ppb |
| 1,2,4-Trichlorobenzene | <0.42 | ppb | 1.02 | 0.42 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 2 (continued)**
Custody: G7466
Collected: 04/21/98 3:40 PM
Location: SB3-34'-36'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Hexachlorobutadiene | <0.36 | ppb | 1.02 | 0.36 | ppb |
| Naphthalene | 1.1 | ppb | 1.02 | 0.56 | ppb |
| 1,2,3-Trichlorobenzene | <0.31 | ppb | 1.02 | 0.31 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

Manager: J. Tegins

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Sample 2**
Custody: G7466
Collected: 04/21/98 3:40 PM
Location: SB3-34'-36'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <126 | ppb | 34 | 126 | ppb |
| bis(2-Chloroethyl)ether | <126 | ppb | 34 | 126 | ppb |
| 2-Chlorophenol | <116 | ppb | 34 | 116 | ppb |
| 1,3-Dichlorobenzene | <121 | ppb | 34 | 121 | ppb |
| 1,4-Dichlorobenzene | <135 | ppb | 34 | 135 | ppb |
| Benzyl alcohol | <129 | ppb | 34 | 129 | ppb |
| 1,2-Dichlorobenzene | <135 | ppb | 34 | 135 | ppb |
| 2-Methylphenol | <134 | ppb | 34 | 134 | ppb |
| bis(2-Chloroisopropyl)ether | <120 | ppb | 34 | 120 | ppb |
| 3,4-Methylphenol | <274 | ppb | 34 | 274 | ppb |
| N-Nitroso-di-n-propylamine | <135 | ppb | 34 | 135 | ppb |
| Hexachloroethane | <124 | ppb | 34 | 124 | ppb |
| Nitrobenzene | <131 | ppb | 34 | 131 | ppb |
| Isophorone | <117 | ppb | 34 | 117 | ppb |
| 2-Nitrophenol | <129 | ppb | 34 | 129 | ppb |
| 2,4-Dimethylphenol | <94.2 | ppb | 34 | 94.2 | ppb |
| Benzoic acid | <153 | ppb | 34 | 153 | ppb |
| bis(2-Chloroethoxy)methane | <121 | ppb | 34 | 121 | ppb |
| 2,4-Dichlorophenol | <128 | ppb | 34 | 128 | ppb |
| 1,2,4-Trichlorobenzene | <136 | ppb | 34 | 136 | ppb |
| Naphthalene | <138 | ppb | 34 | 138 | ppb |
| 4-Chloroaniline | <36.4 | ppb | 34 | 36.4 | ppb |
| Hexachlorobutadiene | <125 | ppb | 34 | 125 | ppb |
| 4-Chloro-3-methylphenol | <108 | ppb | 34 | 108 | ppb |
| 2-Methylnaphthalene | <132 | ppb | 34 | 132 | ppb |
| Hexachlorocyclopentadiene | <198 | ppb | 34 | 198 | ppb |
| 2,4,6-Trichlorophenol | <91.5 | ppb | 34 | 91.5 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 2 (continued)**
Custody: G7466
Collected: 04/21/98 3:40 PM
Location: SB3-34'-36'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <83.3 | ppb | 34 | 83.3 | ppb |
| 2-Chloronaphthalene | <125 | ppb | 34 | 125 | ppb |
| 2-Nitroaniline | <90.4 | ppb | 34 | 90.4 | ppb |
| Dimethyl phthalate | <83.6 | ppb | 34 | 83.6 | ppb |
| Acenaphthylene | <102 | ppb | 34 | 102 | ppb |
| 2,6-Dinitrotoluene | <89.4 | ppb | 34 | 89.4 | ppb |
| 3-Nitroaniline | <46.6 | ppb | 34 | 46.6 | ppb |
| Acenaphthene | <111 | ppb | 34 | 111 | ppb |
| 2,4-Dinitrophenol | <141 | ppb | 34 | 141 | ppb |
| 4-Nitrophenol | <95.2 | ppb | 34 | 95.2 | ppb |
| Dibenzofuran | <107 | ppb | 34 | 107 | ppb |
| 2,4-Dinitrotoluene | <91.5 | ppb | 34 | 91.5 | ppb |
| Diethylphthalate | <76.5 | ppb | 34 | 76.5 | ppb |
| 4-Chlorophenyl-phenyl ether | <104 | ppb | 34 | 104 | ppb |
| Fluorene | <104 | ppb | 34 | 104 | ppb |
| 4-Nitroaniline | <53.7 | ppb | 34 | 53.7 | ppb |
| 4,6-Dinitro-2-methylphenol | <209 | ppb | 34 | 209 | ppb |
| N-nitrosodiphenylamine | <70.4 | ppb | 34 | 70.4 | ppb |
| 4-Bromophenyl-phenylether | <80.9 | ppb | 34 | 80.9 | ppb |
| Hexachlorobenzene | <69.7 | ppb | 34 | 69.7 | ppb |
| Pentachlorophenol | <65.6 | ppb | 34 | 65.6 | ppb |
| Phenanthrene | <73.1 | ppb | 34 | 73.1 | ppb |
| Anthracene | <63.2 | ppb | 34 | 63.2 | ppb |
| Di-n-butylphthalate | 119 | ppb | 34 | 74.1 | ppb |
| Fluoranthene | <67 | ppb | 34 | 67 | ppb |
| Pyrene | <60.5 | ppb | 34 | 60.5 | ppb |
| Butylbenzylphthalate | <66 | ppb | 34 | 66 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

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**Sample 2 (continued)**
Custody: G7466
Collected: 04/21/98 3:40 PM
Location: SB3-34'-36'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <87.7 | ppb | 34 | 87.7 | ppb |
| Benzo(a)anthracene | <65.3 | ppb | 34 | 65.3 | ppb |
| Chrysene | <68.3 | ppb | 34 | 68.3 | ppb |
| bis(2-Ethylhexyl)phthalate | 288 | ppb | 34 | 78.9 | ppb |
| Di-n-octylphthalate | <66.6 | ppb | 34 | 66.6 | ppb |
| Benzo(b)fluoranthene | <79.9 | ppb | 34 | 79.9 | ppb |
| Benzo(k)fluoranthene | <95.5 | ppb | 34 | 95.5 | ppb |
| Benzo(a)pyrene | <55.8 | ppb | 34 | 55.8 | ppb |
| Indeno(1,2,3-cd)pyrene | <71.4 | ppb | 34 | 71.4 | ppb |
| Dibenzo(a,h)anthracene | <75.5 | ppb | 34 | 75.5 | ppb |
| Benzo(g,h,i)perylene | <72.8 | ppb | 34 | 72.8 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 5**
Custody: G7466
Collected: 04/21/98 10:00 AM
Location: SB4-1'-3'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.79 | ppb | 1.23 | 0.79 | ppb |
| Chloromethane | <0.42 | ppb | 1.23 | 0.42 | ppb |
| Vinyl Chloride | <0.74 | ppb | 1.23 | 0.74 | ppb |
| Bromomethane | <0.48 | ppb | 1.23 | 0.48 | ppb |
| Chloroethane | <0.23 | ppb | 1.23 | 0.23 | ppb |
| Trichlorofluoromethane | <0.14 | ppb | 1.23 | 0.14 | ppb |
| 1,1-Dichloroethene | <0.26 | ppb | 1.23 | 0.26 | ppb |
| Methylene Chloride | <0.73 | ppb | 1.23 | 0.73 | ppb |
| t-1,2-Dichloroethene | <0.5 | ppb | 1.23 | 0.5 | ppb |
| 1,1-Dichloroethane | <0.2 | ppb | 1.23 | 0.2 | ppb |
| 2,2-Dichloropropane | <0.28 | ppb | 1.23 | 0.28 | ppb |
| c-1,2-Dichloroethene | 55.1 | ppb | 1.23 | 0.62 | ppb |
| Chloroform | <0.21 | ppb | 1.23 | 0.21 | ppb |
| Bromochloromethane | <0.31 | ppb | 1.23 | 0.31 | ppb |
| 1,1,1-Trichloroethane | <0.34 | ppb | 1.23 | 0.34 | ppb |
| 1,1-Dichloropropene | <0.48 | ppb | 1.23 | 0.48 | ppb |
| Carbon Tetrachloride | <0.33 | ppb | 1.23 | 0.33 | ppb |
| 1,2-Dichloroethane | <0.37 | ppb | 1.23 | 0.37 | ppb |
| Benzene | <0.34 | ppb | 1.23 | 0.34 | ppb |
| Trichloroethene | <0.37 | ppb | 1.23 | 0.37 | ppb |
| 1,2-Dichloropropane | <0.22 | ppb | 1.23 | 0.22 | ppb |
| Bromodichloromethane | <0.23 | ppb | 1.23 | 0.23 | ppb |
| Dibromomethane | <0.65 | ppb | 1.23 | 0.65 | ppb |
| c-1,3-Dichloropropene | <0.31 | ppb | 1.23 | 0.31 | ppb |
| Toluene | 3.3 | ppb | 1.23 | 0.41 | ppb |
| t-1,3-Dichloropropene | <0.5 | ppb | 1.23 | 0.5 | ppb |
| 1,1,2-Trichloroethane | <0.6 | ppb | 1.23 | 0.6 | ppb |
| 1,3-Dichloropropane | <0.58 | ppb | 1.23 | 0.58 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 5 (continued)**
Custody: G7466
Collected: 04/21/98 10:00 AM
Location: SB4-1'-3'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Tetrachloroethene | 82.2 | ppb | 1.23 | 0.34 | ppb |
| Dibromochloromethane | <0.36 | ppb | 1.23 | 0.36 | ppb |
| 1,2-Dibromoethane | <0.62 | ppb | 1.23 | 0.62 | ppb |
| Chlorobenzene | <0.36 | ppb | 1.23 | 0.36 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.39 | ppb | 1.23 | 0.39 | ppb |
| Ethylbenzene | <0.42 | ppb | 1.23 | 0.42 | ppb |
| m,p-xylene | 5.9 | ppb | 1.23 | 0.77 | ppb |
| o-xylene | 2.4 | ppb | 1.23 | 0.34 | ppb |
| Styrene | <0.36 | ppb | 1.23 | 0.36 | ppb |
| Isopropylbenzene | <0.32 | ppb | 1.23 | 0.32 | ppb |
| Bromoform | <0.59 | ppb | 1.23 | 0.59 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.62 | ppb | 1.23 | 0.62 | ppb |
| 1,2,3-Trichloropropane | <0.57 | ppb | 1.23 | 0.57 | ppb |
| n-Propylbenzene | 3.4 | ppb | 1.23 | 0.5 | ppb |
| Bromobenzene | <0.54 | ppb | 1.23 | 0.54 | ppb |
| 1,3,5-Trimethylbenzene | 2.0 | ppb | 1.23 | 0.37 | ppb |
| 2-Chlorotoluene | <0.32 | ppb | 1.23 | 0.32 | ppb |
| 4-Chlorotoluene | <0.42 | ppb | 1.23 | 0.42 | ppb |
| 4-Isopropyltoluene | <0.44 | ppb | 1.23 | 0.44 | ppb |
| 1,2,4-Trimethylbenzene | 4.1 | ppb | 1.23 | 0.5 | ppb |
| sec-Butylbenzene | <0.44 | ppb | 1.23 | 0.44 | ppb |
| tert-Butylbenzene | <0.64 | ppb | 1.23 | 0.64 | ppb |
| 1,3-Dichlorobenzene | <0.39 | ppb | 1.23 | 0.39 | ppb |
| 1,4-Dichlorobenzene | <0.39 | ppb | 1.23 | 0.39 | ppb |
| n-Butylbenzene | <0.48 | ppb | 1.23 | 0.48 | ppb |
| 1,2-Dichlorobenzene | <0.33 | ppb | 1.23 | 0.33 | ppb |
| 1,2-Dibromo-3-chloropropane | <0.89 | ppb | 1.23 | 0.89 | ppb |
| 1,2,4-Trichlorobenzene | <0.5 | ppb | 1.23 | 0.5 | ppb |

ppb=ug/L, ug/Kg: ppm=mg/L. mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 5 (continued)**
Custody: G7466
Collected: 04/21/98 10:00 AM
Location: SB4-1'-3'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Hexachlorobutadiene | <0.43 | ppb | 1.23 | 0.43 | ppb |
| Naphthalene | <0.68 | ppb | 1.23 | 0.68 | ppb |
| 1,2,3-Trichlorobenzene | <0.37 | ppb | 1.23 | 0.37 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

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**Sample 5**
Custody: G7466
Collected: 04/21/98 10:00 AM
Location: SB4-1'-3'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <152 | ppb | 41.20 | 152 | ppb |
| bis(2-Chloroethyl)ether | <153 | ppb | 41.20 | 153 | ppb |
| 2-Chlorophenol | <140 | ppb | 41.20 | 140 | ppb |
| 1,3-Dichlorobenzene | <147 | ppb | 41.20 | 147 | ppb |
| 1,4-Dichlorobenzene | <164 | ppb | 41.20 | 164 | ppb |
| Benzyl alcohol | <156 | ppb | 41.20 | 156 | ppb |
| 1,2-Dichlorobenzene | <164 | ppb | 41.20 | 164 | ppb |
| 2-Methylphenol | <162 | ppb | 41.20 | 162 | ppb |
| bis(2-Chloroisopropyl)ether | <146 | ppb | 41.20 | 146 | ppb |
| 3,4-Methylphenol | <332 | ppb | 41.20 | 332 | ppb |
| N-Nitroso-di-n-propylamine | <163 | ppb | 41.20 | 163 | ppb |
| Hexachloroethane | <150 | ppb | 41.20 | 150 | ppb |
| Nitrobenzene | <159 | ppb | 41.20 | 159 | ppb |
| Isophorone | <141 | ppb | 41.20 | 141 | ppb |
| 2-Nitrophenol | <156 | ppb | 41.20 | 156 | ppb |
| 2,4-Dimethylphenol | <114 | ppb | 41.20 | 114 | ppb |
| Benzoic acid | <185 | ppb | 41.20 | 185 | ppb |
| bis(2-Chloroethoxy)methane | <147 | ppb | 41.20 | 147 | ppb |
| 2,4-Dichlorophenol | <155 | ppb | 41.20 | 155 | ppb |
| 1,2,4-Trichlorobenzene | <165 | ppb | 41.20 | 165 | ppb |
| Naphthalene | <167 | ppb | 41.20 | 167 | ppb |
| 4-Chloroaniline | <44.1 | ppb | 41.20 | 44.1 | ppb |
| Hexachlorobutadiene | <152 | ppb | 41.20 | 152 | ppb |
| 4-Chloro-3-methylphenol | <131 | ppb | 41.20 | 131 | ppb |
| 2-Methylnaphthalene | <160 | ppb | 41.20 | 160 | ppb |
| Hexachlorocyclopentadiene | <240 | ppb | 41.20 | 240 | ppb |
| 2,4,6-Trichlorophenol | <111 | ppb | 41.20 | 111 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

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**Sample 5 (continued)**
Custody: G7466
Collected: 04/21/98 10:00 AM
Location: SB4-1'-3'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <101 | ppb | 41.20 | 101 | ppb |
| 2-Chloronaphthalene | <151 | ppb | 41.20 | 151 | ppb |
| 2-Nitroaniline | <110 | ppb | 41.20 | 110 | ppb |
| Dimethyl phthalate | <101 | ppb | 41.20 | 101 | ppb |
| Acenaphthylene | <123 | ppb | 41.20 | 123 | ppb |
| 2,6-Dinitrotoluene | <108 | ppb | 41.20 | 108 | ppb |
| 3-Nitroaniline | <56.4 | ppb | 41.20 | 56.4 | ppb |
| Acenaphthene | <135 | ppb | 41.20 | 135 | ppb |
| 2,4-Dinitrophenol | <171 | ppb | 41.20 | 171 | ppb |
| 4-Nitrophenol | <115 | ppb | 41.20 | 115 | ppb |
| Dibenzofuran | <129 | ppb | 41.20 | 129 | ppb |
| 2,4-Dinitrotoluene | <111 | ppb | 41.20 | 111 | ppb |
| Diethylphthalate | <92.7 | ppb | 41.20 | 92.7 | ppb |
| 4-Chlorophenyl-phenyl ether | <126 | ppb | 41.20 | 126 | ppb |
| Fluorene | <126 | ppb | 41.20 | 126 | ppb |
| 4-Nitroaniline | <65.1 | ppb | 41.20 | 65.1 | ppb |
| 4,6-Dinitro-2-methylphenol | <254 | ppb | 41.20 | 254 | ppb |
| N-nitrosodiphenylamine | <85.3 | ppb | 41.20 | 85.3 | ppb |
| 4-Bromophenyl-phenylether | <98.1 | ppb | 41.20 | 98.1 | ppb |
| Hexachlorobenzene | <84.5 | ppb | 41.20 | 84.5 | ppb |
| Pentachlorophenol | <79.5 | ppb | 41.20 | 79.5 | ppb |
| Phenanthrene | <88.6 | ppb | 41.20 | 88.6 | ppb |
| Anthracene | <76.6 | ppb | 41.20 | 76.6 | ppb |
| Di-n-butylphthalate | <89.8 | ppb | 41.20 | 89.8 | ppb |
| Fluoranthene | <81.2 | ppb | 41.20 | 81.2 | ppb |
| Pyrene | <73.3 | ppb | 41.20 | 73.3 | ppb |
| Butylbenzylphthalate | <79.9 | ppb | 41.20 | 79.9 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit: nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

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**Sample 5 (continued)**
Custody: G7466
Collected: 04/21/98 10:00 AM
Location: SB4-1'-3'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <106 | ppb | 41.20 | 106 | ppb |
| Benzo(a)anthracene | <79.1 | ppb | 41.20 | 79.1 | ppb |
| Chrysene | <82.8 | ppb | 41.20 | 82.8 | ppb |
| bis(2-Ethylhexyl)phthalate | 158 | ppb | 41.20 | 95.6 | ppb |
| Di-n-octylphthalate | <80.8 | ppb | 41.20 | 80.8 | ppb |
| Benzo(b)fluoranthene | <96.8 | ppb | 41.20 | 96.8 | ppb |
| Benzo(k)fluoranthene | <116 | ppb | 41.20 | 116 | ppb |
| Benzo(a)pyrene | <67.6 | ppb | 41.20 | 67.6 | ppb |
| Indeno(1,2,3-cd)pyrene | <86.5 | ppb | 41.20 | 86.5 | ppb |
| Dibenzo(a,h)anthracene | <91.5 | ppb | 41.20 | 91.5 | ppb |
| Benzo(g,h,i)perylene | <88.2 | ppb | 41.20 | 88.2 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 6**
Custody: G7466 Type: Split Spoon
Collected: 04/21/98 10:30 AM Matrix: Soil
Location: SB4-13'-15'
Remarks:

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.67 | ppb | 1.04 | 0.67 | ppb |
| Chloromethane | <0.35 | ppb | 1.04 | 0.35 | ppb |
| Vinyl Chloride | <0.62 | ppb | 1.04 | 0.62 | ppb |
| Bromomethane | <0.41 | ppb | 1.04 | 0.41 | ppb |
| Chloroethane | <0.2 | ppb | 1.04 | 0.2 | ppb |
| Trichlorofluoromethane | <0.11 | ppb | 1.04 | 0.11 | ppb |
| 1,1-Dichloroethene | <0.22 | ppb | 1.04 | 0.22 | ppb |
| Methylene Chloride | <0.61 | ppb | 1.04 | 0.61 | ppb |
| t-1,2-Dichloroethene | <0.43 | ppb | 1.04 | 0.43 | ppb |
| 1,1-Dichloroethane | <0.17 | ppb | 1.04 | 0.17 | ppb |
| 2,2-Dichloropropane | <0.24 | ppb | 1.04 | 0.24 | ppb |
| c-1,2-Dichloroethene | 4.3 | ppb | 1.04 | 0.52 | ppb |
| Chloroform | <0.18 | ppb | 1.04 | 0.18 | ppb |
| Bromochloromethane | <0.26 | ppb | 1.04 | 0.26 | ppb |
| 1,1,1-Trichloroethane | <0.29 | ppb | 1.04 | 0.29 | ppb |
| 1,1-Dichloropropene | <0.41 | ppb | 1.04 | 0.41 | ppb |
| Carbon Tetrachloride | <0.28 | ppb | 1.04 | 0.28 | ppb |
| 1,2-Dichloroethane | <0.31 | ppb | 1.04 | 0.31 | ppb |
| Benzene | <0.29 | ppb | 1.04 | 0.29 | ppb |
| Trichloroethene | 20.1 | ppb | 1.04 | 0.31 | ppb |
| 1,2-Dichloropropane | <0.19 | ppb | 1.04 | 0.19 | ppb |
| Bromodichloromethane | <0.2 | ppb | 1.04 | 0.2 | ppb |
| Dibromomethane | <0.55 | ppb | 1.04 | 0.55 | ppb |
| c-1,3-Dichloropropene | <0.26 | ppb | 1.04 | 0.26 | ppb |
| Toluene | <0.34 | ppb | 1.04 | 0.34 | ppb |
| t-1,3-Dichloropropene | <0.43 | ppb | 1.04 | 0.43 | ppb |
| 1,1,2-Trichloroethane | <0.51 | ppb | 1.04 | 0.51 | ppb |
| 1,3-Dichloropropane | <0.49 | ppb | 1.04 | 0.49 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 6 (continued)**
Custody: G7466
Collected: 04/21/98 10:30 AM
Location: SB4-13'-15'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Tetrachloroethene | <1.5 | ppb | 5.21 | 1.5 | ppb |
| Dibromochloromethane | <0.3 | ppb | 1.04 | 0.3 | ppb |
| 1,2-Dibromoethane | <0.52 | ppb | 1.04 | 0.52 | ppb |
| Chlorobenzene | <0.3 | ppb | 1.04 | 0.3 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.33 | ppb | 1.04 | 0.33 | ppb |
| Ethylbenzene | <0.35 | ppb | 1.04 | 0.35 | ppb |
| m,p-xylene | <0.66 | ppb | 1.04 | 0.66 | ppb |
| o-xylene | <0.29 | ppb | 1.04 | 0.29 | ppb |
| Styrene | <0.3 | ppb | 1.04 | 0.3 | ppb |
| Isopropylbenzene | <0.27 | ppb | 1.04 | 0.27 | ppb |
| Bromoform | <0.5 | ppb | 1.04 | 0.5 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.52 | ppb | 1.04 | 0.52 | ppb |
| 1,2,3-Trichloropropane | <0.48 | ppb | 1.04 | 0.48 | ppb |
| n-Propylbenzene | <0.43 | ppb | 1.04 | 0.43 | ppb |
| Bromobenzene | <0.46 | ppb | 1.04 | 0.46 | ppb |
| 1,3,5-Trimethylbenzene | 3.2 | ppb | 1.04 | 0.31 | ppb |
| 2-Chlorotoluene | <0.27 | ppb | 1.04 | 0.27 | ppb |
| 4-Chlorotoluene | <0.35 | ppb | 1.04 | 0.35 | ppb |
| 4-Isopropyltoluene | <0.37 | ppb | 1.04 | 0.37 | ppb |
| 1,2,4-Trimethylbenzene | <0.43 | ppb | 1.04 | 0.43 | ppb |
| sec-Butylbenzene | <0.37 | ppb | 1.04 | 0.37 | ppb |
| tert-Butylbenzene | <0.54 | ppb | 1.04 | 0.54 | ppb |
| 1,3-Dichlorobenzene | <0.33 | ppb | 1.04 | 0.33 | ppb |
| 1,4-Dichlorobenzene | <0.33 | ppb | 1.04 | 0.33 | ppb |
| n-Butylbenzene | <0.41 | ppb | 1.04 | 0.41 | ppb |
| 1,2-Dichlorobenzene | <0.28 | ppb | 1.04 | 0.28 | ppb |
| 1,2-Dibromo-3-chloropropane | <0.75 | ppb | 1.04 | 0.75 | ppb |
| 1,2,4-Trichlorobenzene | <0.43 | ppb | 1.04 | 0.43 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 6 (continued)**
Custody: G7466
Collected: 04/21/98 10:30 AM
Location: SB4-13'-15'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Hexachlorobutadiene | <0.36 | ppb | 1.04 | 0.36 | ppb |
| Naphthalene | <0.57 | ppb | 1.04 | 0.57 | ppb |
| 1,2,3-Trichlorobenzene | <0.31 | ppb | 1.04 | 0.31 | ppb |

ppb=ug/L, ug/Kg: ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 6**
Custody: G7466
Collected: 04/21/98 10:30 AM
Location: SB4-13'-15'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <128 | ppb | 34.70 | 128 | ppb |
| bis(2-Chloroethyl)ether | <129 | ppb | 34.70 | 129 | ppb |
| 2-Chlorophenol | <118 | ppb | 34.70 | 118 | ppb |
| 1,3-Dichlorobenzene | <124 | ppb | 34.70 | 124 | ppb |
| 1,4-Dichlorobenzene | <138 | ppb | 34.70 | 138 | ppb |
| Benzyl alcohol | <132 | ppb | 34.70 | 132 | ppb |
| 1,2-Dichlorobenzene | <138 | ppb | 34.70 | 138 | ppb |
| 2-Methylphenol | <137 | ppb | 34.70 | 137 | ppb |
| bis(2-Chloroisopropyl)ether | <123 | ppb | 34.70 | 123 | ppb |
| 3,4-Methylphenol | <280 | ppb | 34.70 | 280 | ppb |
| N-Nitroso-di-n-propylamine | <137 | ppb | 34.70 | 137 | ppb |
| Hexachloroethane | <126 | ppb | 34.70 | 126 | ppb |
| Nitrobenzene | <134 | ppb | 34.70 | 134 | ppb |
| Isophorone | <119 | ppb | 34.70 | 119 | ppb |
| 2-Nitrophenol | <131 | ppb | 34.70 | 131 | ppb |
| 2,4-Dimethylphenol | <96.1 | ppb | 34.70 | 96.1 | ppb |
| Benzoic acid | <156 | ppb | 34.70 | 156 | ppb |
| bis(2-Chloroethoxy)methane | <124 | ppb | 34.70 | 124 | ppb |
| 2,4-Dichlorophenol | <130 | ppb | 34.70 | 130 | ppb |
| 1,2,4-Trichlorobenzene | <139 | ppb | 34.70 | 139 | ppb |
| Naphthalene | <141 | ppb | 34.70 | 141 | ppb |
| 4-Chloroaniline | <37.1 | ppb | 34.70 | 37.1 | ppb |
| Hexachlorobutadiene | <128 | ppb | 34.70 | 128 | ppb |
| 4-Chloro-3-methylphenol | <110 | ppb | 34.70 | 110 | ppb |
| 2-Methylnaphthalene | <135 | ppb | 34.70 | 135 | ppb |
| Hexachlorocyclopentadiene | <202 | ppb | 34.70 | 202 | ppb |
| 2,4,6-Trichlorophenol | <93.3 | ppb | 34.70 | 93.3 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

Manager: J. Tegins

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Sample 6 (continued)**
Custody: G7466
Collected: 04/21/98 10:30 AM
Location: SB4-13'-15'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <85 | ppb | 34.70 | 85 | ppb |
| 2-Chloronaphthalene | <127 | ppb | 34.70 | 127 | ppb |
| 2-Nitroaniline | <92.3 | ppb | 34.70 | 92.3 | ppb |
| Dimethyl phthalate | <85.4 | ppb | 34.70 | 85.4 | ppb |
| Acenaphthylene | <104 | ppb | 34.70 | 104 | ppb |
| 2,6-Dinitrotoluene | <91.3 | ppb | 34.70 | 91.3 | ppb |
| 3-Nitroaniline | <47.5 | ppb | 34.70 | 47.5 | ppb |
| Acenaphthene | <113 | ppb | 34.70 | 113 | ppb |
| 2,4-Dinitrophenol | <144 | ppb | 34.70 | 144 | ppb |
| 4-Nitrophenol | <97.2 | ppb | 34.70 | 97.2 | ppb |
| Dibenzofuran | <109 | ppb | 34.70 | 109 | ppb |
| 2,4-Dinitrotoluene | <93.3 | ppb | 34.70 | 93.3 | ppb |
| Diethylphthalate | <78.1 | ppb | 34.70 | 78.1 | ppb |
| 4-Chlorophenyl-phenyl ether | <107 | ppb | 34.70 | 107 | ppb |
| Fluorene | <106 | ppb | 34.70 | 106 | ppb |
| 4-Nitroaniline | <54.8 | ppb | 34.70 | 54.8 | ppb |
| 4,6-Dinitro-2-methylphenol | <214 | ppb | 34.70 | 214 | ppb |
| N-nitrosodiphenylamine | <71.8 | ppb | 34.70 | 71.8 | ppb |
| 4-Bromophenyl-phenylether | <82.6 | ppb | 34.70 | 82.6 | ppb |
| Hexachlorobenzene | <71.1 | ppb | 34.70 | 71.1 | ppb |
| Pentachlorophenol | <67 | ppb | 34.70 | 67 | ppb |
| Phenanthrene | <74.6 | ppb | 34.70 | 74.6 | ppb |
| Anthracene | <64.5 | ppb | 34.70 | 64.5 | ppb |
| Di-n-butylphthalate | 123 | ppb | 34.70 | 75.6 | ppb |
| Fluoranthene | <68.4 | ppb | 34.70 | 68.4 | ppb |
| Pyrene | <61.8 | ppb | 34.70 | 61.8 | ppb |
| Butylbenzylphthalate | <67.3 | ppb | 34.70 | 67.3 | ppb |

ppb=ug/L, ug/Kg: ppm=mg/L. mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit: nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

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**Sample 6 (continued)**
Custody: G7466
Collected: 04/21/98 10:30 AM
Location: SB4-13'-15'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <89.5 | ppb | 34.70 | 89.5 | ppb |
| Benzo(a)anthracene | <66.6 | ppb | 34.70 | 66.6 | ppb |
| Chrysene | <69.7 | ppb | 34.70 | 69.7 | ppb |
| bis(2-Ethylhexyl)phthalate | 878 | ppb | 34.70 | 80.5 | ppb |
| Di-n-octylphthalate | <68 | ppb | 34.70 | 68 | ppb |
| Benzo(b)fluoranthene | <81.5 | ppb | 34.70 | 81.5 | ppb |
| Benzo(k)fluoranthene | <97.5 | ppb | 34.70 | 97.5 | ppb |
| Benzo(a)pyrene | <56.9 | ppb | 34.70 | 56.9 | ppb |
| Indeno(1,2,3-cd)pyrene | <72.9 | ppb | 34.70 | 72.9 | ppb |
| Dibenzo(a,h)anthracene | <77 | ppb | 34.70 | 77 | ppb |
| Benzo(g,h,i)perylene | <74.3 | ppb | 34.70 | 74.3 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 7**
Custody: G7466
Collected: 04/21/98 11:55 AM
Location: SB4-33'-35'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.66 | ppb | 1.03 | 0.66 | ppb |
| Chloromethane | <0.35 | ppb | 1.03 | 0.35 | ppb |
| Vinyl Chloride | <0.62 | ppb | 1.03 | 0.62 | ppb |
| Bromomethane | <0.4 | ppb | 1.03 | 0.4 | ppb |
| Chloroethane | <0.2 | ppb | 1.03 | 0.2 | ppb |
| Trichlorofluoromethane | <0.11 | ppb | 1.03 | 0.11 | ppb |
| 1,1-Dichloroethene | <0.22 | ppb | 1.03 | 0.22 | ppb |
| Methylene Chloride | <0.61 | ppb | 1.03 | 0.61 | ppb |
| t-1,2-Dichloroethene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| 1,1-Dichloroethane | <0.16 | ppb | 1.03 | 0.16 | ppb |
| 2,2-Dichloropropane | <0.24 | ppb | 1.03 | 0.24 | ppb |
| c-1,2-Dichloroethene | <0.52 | ppb | 1.03 | 0.52 | ppb |
| Chloroform | <0.18 | ppb | 1.03 | 0.18 | ppb |
| Bromochloromethane | <0.26 | ppb | 1.03 | 0.26 | ppb |
| 1,1,1-Trichloroethane | <0.29 | ppb | 1.03 | 0.29 | ppb |
| 1,1-Dichloropropene | <0.4 | ppb | 1.03 | 0.4 | ppb |
| Carbon Tetrachloride | <0.28 | ppb | 1.03 | 0.28 | ppb |
| 1,2-Dichloroethane | <0.31 | ppb | 1.03 | 0.31 | ppb |
| Benzene | <0.29 | ppb | 1.03 | 0.29 | ppb |
| Trichloroethene | <0.31 | ppb | 1.03 | 0.31 | ppb |
| 1,2-Dichloropropane | <0.19 | ppb | 1.03 | 0.19 | ppb |
| Bromodichloromethane | <0.2 | ppb | 1.03 | 0.2 | ppb |
| Dibromomethane | <0.55 | ppb | 1.03 | 0.55 | ppb |
| c-1,3-Dichloropropene | <0.26 | ppb | 1.03 | 0.26 | ppb |
| Toluene | <0.34 | ppb | 1.03 | 0.34 | ppb |
| t-1,3-Dichloropropene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| 1,1,2-Trichloroethane | <0.5 | ppb | 1.03 | 0.5 | ppb |
| 1,3-Dichloropropane | <0.48 | ppb | 1.03 | 0.48 | ppb |

ppb=ug/L, ug/Kg: ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 7 (continued)**
Custody: G7466
Collected: 04/21/98 11:55 AM
Location: SB4-33'-35'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Tetrachloroethene | <0.29 | ppb | 1.03 | 0.29 | ppb |
| Dibromochloromethane | <0.3 | ppb | 1.03 | 0.3 | ppb |
| 1,2-Dibromoethane | <0.52 | ppb | 1.03 | 0.52 | ppb |
| Chlorobenzene | <0.3 | ppb | 1.03 | 0.3 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.33 | ppb | 1.03 | 0.33 | ppb |
| Ethylbenzene | <0.35 | ppb | 1.03 | 0.35 | ppb |
| m,p-xylene | <0.65 | ppb | 1.03 | 0.65 | ppb |
| o-xylene | <0.29 | ppb | 1.03 | 0.29 | ppb |
| Styrene | <0.3 | ppb | 1.03 | 0.3 | ppb |
| Isopropylbenzene | <0.27 | ppb | 1.03 | 0.27 | ppb |
| Bromoform | <0.49 | ppb | 1.03 | 0.49 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.52 | ppb | 1.03 | 0.52 | ppb |
| 1,2,3-Trichloropropane | <0.47 | ppb | 1.03 | 0.47 | ppb |
| n-Propylbenzene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| Bromobenzene | <0.45 | ppb | 1.03 | 0.45 | ppb |
| 1,3,5-Trimethylbenzene | <0.31 | ppb | 1.03 | 0.31 | ppb |
| 2-Chlorotoluene | <0.27 | ppb | 1.03 | 0.27 | ppb |
| 4-Chlorotoluene | <0.35 | ppb | 1.03 | 0.35 | ppb |
| 4-Isopropyltoluene | <0.37 | ppb | 1.03 | 0.37 | ppb |
| 1,2,4-Trimethylbenzene | <0.42 | ppb | 1.03 | 0.42 | ppb |
| sec-Butylbenzene | <0.37 | ppb | 1.03 | 0.37 | ppb |
| tert-Butylbenzene | <0.54 | ppb | 1.03 | 0.54 | ppb |
| 1,3-Dichlorobenzene | <0.33 | ppb | 1.03 | 0.33 | ppb |
| 1,4-Dichlorobenzene | <0.33 | ppb | 1.03 | 0.33 | ppb |
| n-Butylbenzene | <0.4 | ppb | 1.03 | 0.4 | ppb |
| 1,2-Dichlorobenzene | <0.28 | ppb | 1.03 | 0.28 | ppb |
| 1,2-Dibromo-3-chloropropane | <0.74 | ppb | 1.03 | 0.74 | ppb |
| 1,2,4-Trichlorobenzene | <0.42 | ppb | 1.03 | 0.42 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 7 (continued)**
Custody: G7466
Collected: 04/21/98 11:55 AM
Location: SB4-33'-35'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Hexachlorobutadiene | <0.36 | ppb | 1.03 | 0.36 | ppb |
| Naphthalene | <0.57 | ppb | 1.03 | 0.57 | ppb |
| 1,2,3-Trichlorobenzene | <0.31 | ppb | 1.03 | 0.31 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

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**Sample 7**
Custody: G7466
Collected: 04/21/98 11:55 AM
Location: SB4-33'-35'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <127 | ppb | 34.40 | 127 | ppb |
| bis(2-Chloroethyl)ether | <128 | ppb | 34.40 | 128 | ppb |
| 2-Chlorophenol | <117 | ppb | 34.40 | 117 | ppb |
| 1,3-Dichlorobenzene | <123 | ppb | 34.40 | 123 | ppb |
| 1,4-Dichlorobenzene | <137 | ppb | 34.40 | 137 | ppb |
| Benzyl alcohol | <130 | ppb | 34.40 | 130 | ppb |
| 1,2-Dichlorobenzene | <137 | ppb | 34.40 | 137 | ppb |
| 2-Methylphenol | <136 | ppb | 34.40 | 136 | ppb |
| bis(2-Chloroisopropyl)ether | <122 | ppb | 34.40 | 122 | ppb |
| 3,4-Methylphenol | <277 | ppb | 34.40 | 277 | ppb |
| N-Nitroso-di-n-propylamine | <136 | ppb | 34.40 | 136 | ppb |
| Hexachloroethane | <125 | ppb | 34.40 | 125 | ppb |
| Nitrobenzene | <132 | ppb | 34.40 | 132 | ppb |
| Isophorone | <118 | ppb | 34.40 | 118 | ppb |
| 2-Nitrophenol | <130 | ppb | 34.40 | 130 | ppb |
| 2,4-Dimethylphenol | <95.3 | ppb | 34.40 | 95.3 | ppb |
| Benzoic acid | <154 | ppb | 34.40 | 154 | ppb |
| bis(2-Chloroethoxy)methane | <123 | ppb | 34.40 | 123 | ppb |
| 2,4-Dichlorophenol | <129 | ppb | 34.40 | 129 | ppb |
| 1,2,4-Trichlorobenzene | <138 | ppb | 34.40 | 138 | ppb |
| Naphthalene | <140 | ppb | 34.40 | 140 | ppb |
| 4-Chloroaniline | <36.8 | ppb | 34.40 | 36.8 | ppb |
| Hexachlorobutadiene | <127 | ppb | 34.40 | 127 | ppb |
| 4-Chloro-3-methylphenol | <109 | ppb | 34.40 | 109 | ppb |
| 2-Methylnaphthalene | <133 | ppb | 34.40 | 133 | ppb |
| Hexachlorocyclopentadiene | <200 | ppb | 34.40 | 200 | ppb |
| 2,4,6-Trichlorophenol | <92.5 | ppb | 34.40 | 92.5 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 7 (continued)**
Custody: G7466
Collected: 04/21/98 11:55 AM
Location: SB4-33'-35'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <84.3 | ppb | 34.40 | 84.3 | ppb |
| 2-Chloronaphthalene | <126 | ppb | 34.40 | 126 | ppb |
| 2-Nitroaniline | <91.5 | ppb | 34.40 | 91.5 | ppb |
| Dimethyl phthalate | <84.6 | ppb | 34.40 | 84.6 | ppb |
| Acenaphthylene | <103 | ppb | 34.40 | 103 | ppb |
| 2,6-Dinitrotoluene | <90.5 | ppb | 34.40 | 90.5 | ppb |
| 3-Nitroaniline | <47.1 | ppb | 34.40 | 47.1 | ppb |
| Acenaphthene | <112 | ppb | 34.40 | 112 | ppb |
| 2,4-Dinitrophenol | <143 | ppb | 34.40 | 143 | ppb |
| 4-Nitrophenol | <96.3 | ppb | 34.40 | 96.3 | ppb |
| Dibenzofuran | <108 | ppb | 34.40 | 108 | ppb |
| 2,4-Dinitrotoluene | <92.5 | ppb | 34.40 | 92.5 | ppb |
| Diethylphthalate | <77.4 | ppb | 34.40 | 77.4 | ppb |
| 4-Chlorophenyl-phenyl ether | <106 | ppb | 34.40 | 106 | ppb |
| Fluorene | <105 | ppb | 34.40 | 105 | ppb |
| 4-Nitroaniline | <54.4 | ppb | 34.40 | 54.4 | ppb |
| 4,6-Dinitro-2-methylphenol | <212 | ppb | 34.40 | 212 | ppb |
| N-nitrosodiphenylamine | <71.2 | ppb | 34.40 | 71.2 | ppb |
| 4-Bromophenyl-phenylether | <81.9 | ppb | 34.40 | 81.9 | ppb |
| Hexachlorobenzene | <70.5 | ppb | 34.40 | 70.5 | ppb |
| Pentachlorophenol | <66.4 | ppb | 34.40 | 66.4 | ppb |
| Phenanthrene | <74 | ppb | 34.40 | 74 | ppb |
| Anthracene | <64 | ppb | 34.40 | 64 | ppb |
| Di-n-butylphthalate | 130 | ppb | 34.40 | 75 | ppb |
| Fluoranthene | <67.8 | ppb | 34.40 | 67.8 | ppb |
| Pyrene | <61.2 | ppb | 34.40 | 61.2 | ppb |
| Butylbenzylphthalate | <66.7 | ppb | 34.40 | 66.7 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

Manager: J. Tegins

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Sample 7 (continued)**
Custody: G7466
Collected: 04/21/98 11:55 AM
Location: SB4-33'-35'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <88.8 | ppb | 34.40 | 88.8 | ppb |
| Benzo(a)anthracene | <66 | ppb | 34.40 | 66 | ppb |
| Chrysene | <69.1 | ppb | 34.40 | 69.1 | ppb |
| bis(2-Ethylhexyl)phthalate | <79.8 | ppb | 34.40 | 79.8 | ppb |
| Di-n-octylphthalate | <67.4 | ppb | 34.40 | 67.4 | ppb |
| Benzo(b)fluoranthene | <80.8 | ppb | 34.40 | 80.8 | ppb |
| Benzo(k)fluoranthene | <96.7 | ppb | 34.40 | 96.7 | ppb |
| Benzo(a)pyrene | <56.4 | ppb | 34.40 | 56.4 | ppb |
| Indeno(1,2,3-cd)pyrene | <72.2 | ppb | 34.40 | 72.2 | ppb |
| Dibenzo(a,h)anthracene | <76.4 | ppb | 34.40 | 76.4 | ppb |
| Benzo(g,h,i)perylene | <73.6 | ppb | 34.40 | 73.6 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 8**
Custody: G7466
Collected: 04/21/98 12:20 PM
Location: SB4-39'-41'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | <0.78 | ppb | 1.22 | 0.78 | ppb |
| Chloromethane | <0.41 | ppb | 1.22 | 0.41 | ppb |
| Vinyl Chloride | <0.73 | ppb | 1.22 | 0.73 | ppb |
| Bromomethane | <0.48 | ppb | 1.22 | 0.48 | ppb |
| Chloroethane | <0.23 | ppb | 1.22 | 0.23 | ppb |
| Trichlorofluoromethane | <0.13 | ppb | 1.22 | 0.13 | ppb |
| 1,1-Dichloroethene | <0.26 | ppb | 1.22 | 0.26 | ppb |
| Methylene Chloride | <0.72 | ppb | 1.22 | 0.72 | ppb |
| t-1,2-Dichloroethene | <0.5 | ppb | 1.22 | 0.5 | ppb |
| 1,1-Dichloroethane | <0.2 | ppb | 1.22 | 0.2 | ppb |
| 2,2-Dichloropropane | <0.28 | ppb | 1.22 | 0.28 | ppb |
| c-1,2-Dichloroethene | <0.61 | ppb | 1.22 | 0.61 | ppb |
| Chloroform | <0.21 | ppb | 1.22 | 0.21 | ppb |
| Bromochloromethane | <0.31 | ppb | 1.22 | 0.31 | ppb |
| 1,1,1-Trichloroethane | <0.34 | ppb | 1.22 | 0.34 | ppb |
| 1,1-Dichloropropene | <0.48 | ppb | 1.22 | 0.48 | ppb |
| Carbon Tetrachloride | <0.33 | ppb | 1.22 | 0.33 | ppb |
| 1,2-Dichloroethane | <0.37 | ppb | 1.22 | 0.37 | ppb |
| Benzene | <0.34 | ppb | 1.22 | 0.34 | ppb |
| Trichloroethene | <0.37 | ppb | 1.22 | 0.37 | ppb |
| 1,2-Dichloropropane | <0.22 | ppb | 1.22 | 0.22 | ppb |
| Bromodichloromethane | <0.23 | ppb | 1.22 | 0.23 | ppb |
| Dibromomethane | <0.65 | ppb | 1.22 | 0.65 | ppb |
| c-1,3-Dichloropropene | <0.31 | ppb | 1.22 | 0.31 | ppb |
| Toluene | <0.4 | ppb | 1.22 | 0.4 | ppb |
| t-1,3-Dichloropropene | <0.5 | ppb | 1.22 | 0.5 | ppb |
| 1,1,2-Trichloroethane | <0.6 | ppb | 1.22 | 0.6 | ppb |
| 1,3-Dichloropropane | <0.57 | ppb | 1.22 | 0.57 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 8 (continued)**
Custody: G7466
Collected: 04/21/98 12:20 PM
Location: SB4-39'-41'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Tetrachloroethene | <0.34 | ppb | 1.22 | 0.34 | ppb |
| Dibromochloromethane | <0.35 | ppb | 1.22 | 0.35 | ppb |
| 1,2-Dibromoethane | <0.61 | ppb | 1.22 | 0.61 | ppb |
| Chlorobenzene | <0.35 | ppb | 1.22 | 0.35 | ppb |
| 1,1,1,2-Tetrachloroethane | <0.39 | ppb | 1.22 | 0.39 | ppb |
| Ethylbenzene | <0.41 | ppb | 1.22 | 0.41 | ppb |
| m,p-xylene | <0.77 | ppb | 1.22 | 0.77 | ppb |
| o-xylene | <0.34 | ppb | 1.22 | 0.34 | ppb |
| Styrene | <0.35 | ppb | 1.22 | 0.35 | ppb |
| Isopropylbenzene | <0.32 | ppb | 1.22 | 0.32 | ppb |
| Bromoform | <0.59 | ppb | 1.22 | 0.59 | ppb |
| 1,1,2,2-Tetrachloroethane | <0.61 | ppb | 1.22 | 0.61 | ppb |
| 1,2,3-Trichloropropane | <0.56 | ppb | 1.22 | 0.56 | ppb |
| n-Propylbenzene | <0.5 | ppb | 1.22 | 0.5 | ppb |
| Bromobenzene | <0.54 | ppb | 1.22 | 0.54 | ppb |
| 1,3,5-Trimethylbenzene | <0.37 | ppb | 1.22 | 0.37 | ppb |
| 2-Chlorotoluene | <0.32 | ppb | 1.22 | 0.32 | ppb |
| 4-Chlorotoluene | <0.41 | ppb | 1.22 | 0.41 | ppb |
| 4-Isopropyltoluene | <0.44 | ppb | 1.22 | 0.44 | ppb |
| 1,2,4-Trimethylbenzene | <0.5 | ppb | 1.22 | 0.5 | ppb |
| sec-Butylbenzene | <0.44 | ppb | 1.22 | 0.44 | ppb |
| tert-Butylbenzene | <0.63 | ppb | 1.22 | 0.63 | ppb |
| 1,3-Dichlorobenzene | <0.39 | ppb | 1.22 | 0.39 | ppb |
| 1,4-Dichlorobenzene | <0.39 | ppb | 1.22 | 0.39 | ppb |
| n-Butylbenzene | <0.48 | ppb | 1.22 | 0.48 | ppb |
| 1,2-Dichlorobenzene | <0.33 | ppb | 1.22 | 0.33 | ppb |
| 1,2-Dibromo-3-chloropropane | <0.88 | ppb | 1.22 | 0.88 | ppb |
| 1,2,4-Trichlorobenzene | <0.5 | ppb | 1.22 | 0.5 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA SW 846 8260

05/08/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Manager:** J. Tegins

**Sample 8 (continued)**
Custody: G7466
Collected: 04/21/98 12:20 PM
Location: SB4-39'-41'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/01/98
Remarks: See case narrative

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Hexachlorobutadiene | <0.43 | ppb | 1.22 | 0.43 | ppb |
| Naphthalene | <0.67 | ppb | 1.22 | 0.67 | ppb |
| 1,2,3-Trichlorobenzene | <0.37 | ppb | 1.22 | 0.37 | ppb |

**Reviewed by:**

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

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**Sample 8**
Custody: G7466
Collected: 04/21/98 12:20 PM
Location: SB4-39'-41'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| Phenol | <151 | ppb | 40.70 | 151 | ppb |
| bis(2-Chloroethyl)ether | <151 | ppb | 40.70 | 151 | ppb |
| 2-Chlorophenol | <139 | ppb | 40.70 | 139 | ppb |
| 1,3-Dichlorobenzene | <145 | ppb | 40.70 | 145 | ppb |
| 1,4-Dichlorobenzene | <162 | ppb | 40.70 | 162 | ppb |
| Benzyl alcohol | <154 | ppb | 40.70 | 154 | ppb |
| 1,2-Dichlorobenzene | <162 | ppb | 40.70 | 162 | ppb |
| 2-Methylphenol | <160 | ppb | 40.70 | 160 | ppb |
| bis(2-Chloroisopropyl)ether | <144 | ppb | 40.70 | 144 | ppb |
| 3,4-Methylphenol | <328 | ppb | 40.70 | 328 | ppb |
| N-Nitroso-di-n-propylamine | <161 | ppb | 40.70 | 161 | ppb |
| Hexachloroethane | <148 | ppb | 40.70 | 148 | ppb |
| Nitrobenzene | <157 | ppb | 40.70 | 157 | ppb |
| Isophorone | <140 | ppb | 40.70 | 140 | ppb |
| 2-Nitrophenol | <154 | ppb | 40.70 | 154 | ppb |
| 2,4-Dimethylphenol | <113 | ppb | 40.70 | 113 | ppb |
| Benzoic acid | <183 | ppb | 40.70 | 183 | ppb |
| bis(2-Chloroethoxy)methane | <145 | ppb | 40.70 | 145 | ppb |
| 2,4-Dichlorophenol | <153 | ppb | 40.70 | 153 | ppb |
| 1,2,4-Trichlorobenzene | <163 | ppb | 40.70 | 163 | ppb |
| Naphthalene | <165 | ppb | 40.70 | 165 | ppb |
| 4-Chloroaniline | <43.5 | ppb | 40.70 | 43.5 | ppb |
| Hexachlorobutadiene | <150 | ppb | 40.70 | 150 | ppb |
| 4-Chloro-3-methylphenol | <129 | ppb | 40.70 | 129 | ppb |
| 2-Methylnaphthalene | <158 | ppb | 40.70 | 158 | ppb |
| Hexachlorocyclopentadiene | <237 | ppb | 40.70 | 237 | ppb |
| 2,4,6-Trichlorophenol | <109 | ppb | 40.70 | 109 | ppb |

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

Manager: J. Tegins

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

**Sample 8 (continued)**
Custody: G7466
Collected: 04/21/98 12:20 PM
Location: SB4-39'-41'
Remarks:

Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <99.7 | ppb | 40.70 | 99.7 | ppb |
| 2-Chloronaphthalene | <149 | ppb | 40.70 | 149 | ppb |
| 2-Nitroaniline | <108 | ppb | 40.70 | 108 | ppb |
| Dimethyl phthalate | <100 | ppb | 40.70 | 100 | ppb |
| Acenaphthylene | <122 | ppb | 40.70 | 122 | ppb |
| 2,6-Dinitrotoluene | <107 | ppb | 40.70 | 107 | ppb |
| 3-Nitroaniline | <55.8 | ppb | 40.70 | 55.8 | ppb |
| Acenaphthene | <133 | ppb | 40.70 | 133 | ppb |
| 2,4-Dinitrophenol | <169 | ppb | 40.70 | 169 | ppb |
| 4-Nitrophenol | <114 | ppb | 40.70 | 114 | ppb |
| Dibenzofuran | <128 | ppb | 40.70 | 128 | ppb |
| 2,4-Dinitrotoluene | <109 | ppb | 40.70 | 109 | ppb |
| Diethylphthalate | <91.6 | ppb | 40.70 | 91.6 | ppb |
| 4-Chlorophenyl-phenyl ether | <125 | ppb | 40.70 | 125 | ppb |
| Fluorene | <124 | ppb | 40.70 | 124 | ppb |
| 4-Nitroaniline | <64.3 | ppb | 40.70 | 64.3 | ppb |
| 4,6-Dinitro-2-methylphenol | <251 | ppb | 40.70 | 251 | ppb |
| N-nitrosodiphenylamine | <84.2 | ppb | 40.70 | 84.2 | ppb |
| 4-Bromophenyl-phenylether | <96.9 | ppb | 40.70 | 96.9 | ppb |
| Hexachlorobenzene | <83.4 | ppb | 40.70 | 83.4 | ppb |
| Pentachlorophenol | <78.6 | ppb | 40.70 | 78.6 | ppb |
| Phenanthrene | <87.5 | ppb | 40.70 | 87.5 | ppb |
| Anthracene | <75.7 | ppb | 40.70 | 75.7 | ppb |
| Di-n-butylphthalate | 101 | ppb | 40.70 | 88.7 | ppb |
| Fluoranthene | <80.2 | ppb | 40.70 | 80.2 | ppb |
| Pyrene | <72.4 | ppb | 40.70 | 72.4 | ppb |
| Butylbenzylphthalate | <79 | ppb | 40.70 | 79 | ppb |

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# ANALYSIS REPORT - EPA-8270/8250/625

05/07/98

**Project**

**Custody Document G7466**
Received: 04/22/98 5:10 PM
Sampled by: J. Tegins
Job Number:
Area: 95067

Manager: J. Tegins

**Sample 8 (continued)**
Custody: G7466
Collected: 04/21/98 12:20 PM
Location: SB4-39'-41'
Remarks:
Type: Split Spoon
Matrix: Soil

**Analysis Information**
Analyzed: 05/04/98
Remarks:

| Analyte | Concentration | Units | Dilution | MDL | Units |
|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <105 | ppb | 40.70 | 105 | ppb |
| Benzo(a)anthracene | <78.1 | ppb | 40.70 | 78.1 | ppb |
| Chrysene | <81.8 | ppb | 40.70 | 81.8 | ppb |
| bis(2-Ethylhexyl)phthalate | <94.4 | ppb | 40.70 | 94.4 | ppb |
| Di-n-octylphthalate | <79.8 | ppb | 40.70 | 79.8 | ppb |
| Benzo(b)fluoranthene | <95.6 | ppb | 40.70 | 95.6 | ppb |
| Benzo(k)fluoranthene | <114 | ppb | 40.70 | 114 | ppb |
| Benzo(a)pyrene | <66.7 | ppb | 40.70 | 66.7 | ppb |
| Indeno(1,2,3-cd)pyrene | <85.5 | ppb | 40.70 | 85.5 | ppb |
| Dibenzo(a,h)anthracene | <90.4 | ppb | 40.70 | 90.4 | ppb |
| Benzo(g,h,i)perylene | <87.1 | ppb | 40.70 | 87.1 | ppb |

**Reviewed by:**

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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