Curtiss-Wright Corporation
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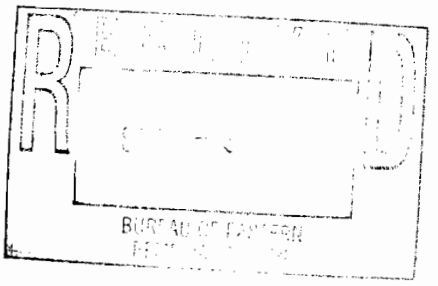
BY FEDERAL EXPRESS

September 1, 2004



Mr. Chek Beng Ng
Environmental Engineer
NYS Department of Environmental Conservation
Division of Environmental Remediation
Bureau A, Section C
625 Broadway
Albany NY 12233-7015

RE: **Report by AARCO Environmental Services Corporation**
Evaluation of Former UST Area and Remedial Work Plan

Dear Chek:

Enclosed is a copy of the report by AARCO describing its activities relative to the removal of the underground storage tank discovered behind the East Building at Target Rock Corporation, Farmingdale, NY. This document includes a proposed Work Plan that was approved by Ms. Janet Gremli of the Suffolk County Department of Health Services.

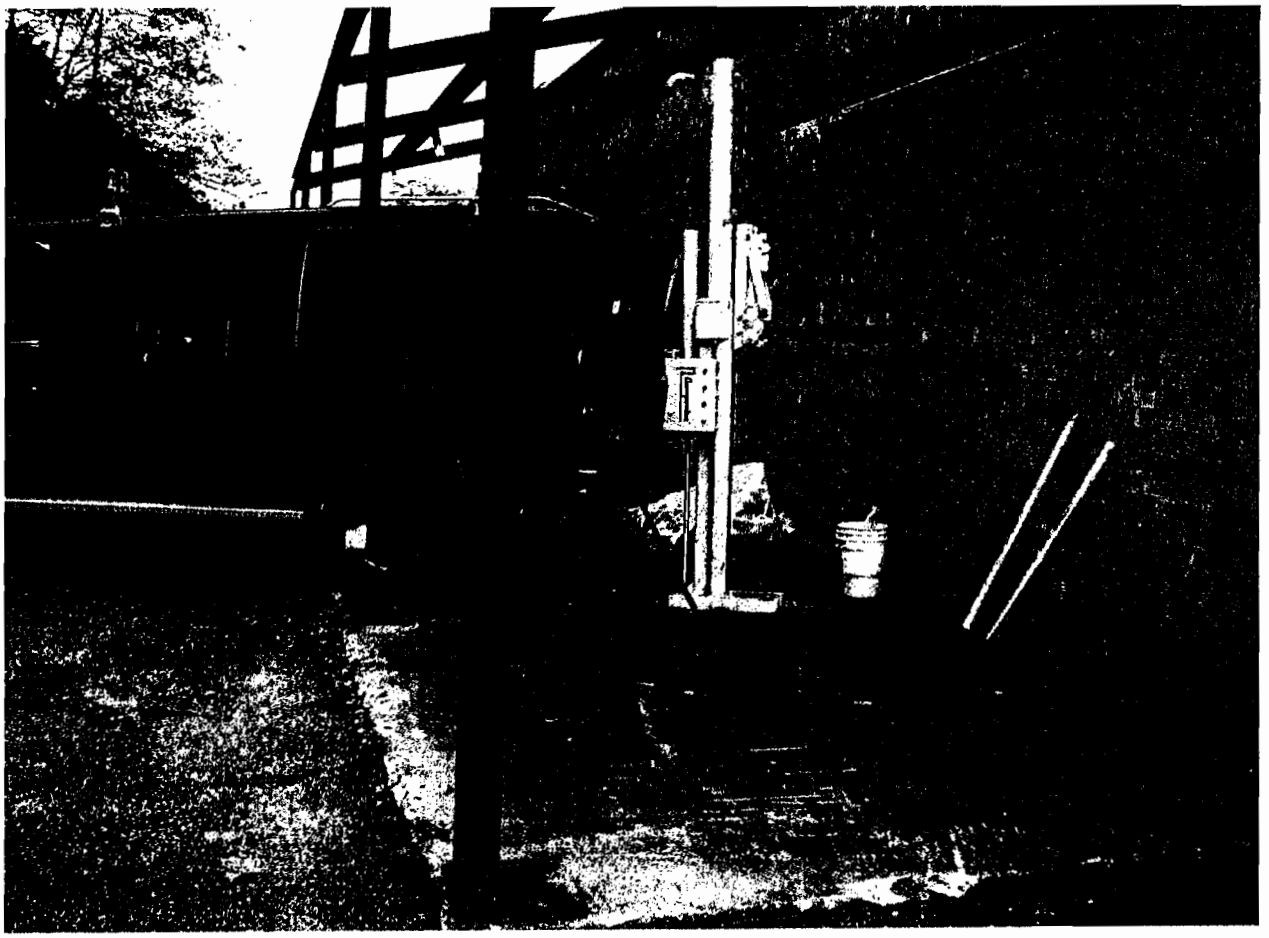
Because of potential groundwater-related issues, Target Rock engaged C.A. Rich Consultants, Inc. to perform the actual investigation. Field work was performed in accordance with an amended Work Plan that was also approved by Ms. Gremli.

Should you require additional information, please don't hesitate to contact me.

Very truly yours,
CURTISS-WRIGHT CORPORATION

John P. Sandstedt
Environmental Manager

Evaluation of Former UST Area & Remedial Work Plan
Curtiss Wright Flow Control, Target Rock Division
1966 East Broad Hollow Road
Farmingdale, New York 11735



Prepared for:
Curtiss Wright Flow Control, Target Rock Division
1966 East Broad Hollow Road
Farmingdale, New York 11735

Prepared by:
AARCO Environmental Services Corp.
10 Grand Boulevard Suite 3
Deer Park, New York 11729
(631) 586-5900

January, 2004

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EXECUTIVE SUMMARY

An investigation of a former underground storage tank (UST) area was performed at the subject property on October 27 and 28, 2003. The subject property is a multi-acre industrial property operated as the Curtiss Wright Flow Control, Target Rock Division located at 1966 East Broad Hollow Road, Farmingdale, Suffolk County, New York. A 550-gallon underground storage tank was removed in May 2003 in addition to associated surrounding VOC-impacted soils. Based upon endpoint soil samples collected from the former tank excavation area, VOC-related impacts still remain.

The UST area investigation included the installation of a series of soil borings in order to determine the approximate lateral and vertical extent of any remaining soil contamination. One soil boring was also installed interior to the building in order to evaluate the environmental condition of the soils further to the east of the former tank area. In addition to the field screening of soils, a total of four soil samples were submitted for laboratory analysis for confirmation purposes. Additionally, one temporary groundwater monitoring well was installed coincident with a soil boring location, within the downgradient edge of the former UST. One shallow groundwater sample was collected to determine if the VOC impacts extend into the groundwater. Two adjoining leaching structures were also inspected and sampled in order to make a representation of prior uses of same and determine if a relationship exists with the former proximate UST.

Out of the four soil samples collected for laboratory analysis, only one soil sample (SB-5 at 10-12 feet below grade) reported solvent-related VOC constituents consistent with the prior endpoint soil sampling data. This sampling location is located approximately 10 feet south of the centerline of the former tank excavation area. Specifically, tetrachloroethene was present at a concentration of 9,700 ug/kg compared to a SCDHS action level concentration of 2,800 ug/kg. Total VOCs at this sampling location were noted to be 10,980 ug/kg. Typical degradation breakdown products or related solvents of tetrachloroethene such as trichloroethene (780 ug/kg) and 1,1,1-trichloroethane (500 J ug/kg) were also present, below the SCDHS action levels. No other constituents were present elevated above a regulatory action level.

In order to evaluate if impacts to groundwater are present relative to the soil contamination exhibited in the former UST area, a groundwater sample was collected from a soil boring installed within the downgradient (southeast) edge of the former tank excavation area. Five VOCs (tetrachloroethene at 280 ug/L; trichloroethene at 200 ug/L; 1,1,1-trichloroethane at 95 ug/L; 1,1,-dichloroethane at 17 ug/L; and cis-1,2,-dichloroethene at 48 ug/L) were present at the concentrations indicated. No other constituents were present elevated above a regulatory action level.

Sampling of the bottom sediments present within the two discrete leaching structures (e.g., distribution box and OF-1) located adjacent to the former UST area was performed. Four VOCs (tetrachloroethene at 17,000 ug/kg; 1,2,4,5-tetramethylbenzene at 2,200 ug/kg; 1,1,1-trichloroethane at 37,000 ug/kg; and 1,1,-dichloroethane at 7,500 ug/kg) were present with a total VOC concentration of 63,700 ug/kg was reported at the distribution box sampling location.

Of the four aforementioned VOCs, the highest two VOCs present are 1,1,1-trichloroethane and tetrachloroethene. No SVOC or TPH compounds were present above their regulatory action level. Three metal compounds, chromium (429 mg/kg), copper (1,040 mg/kg) and nickel (1,410 mg/kg) were present elevated above their regulatory comparative basis within the distribution box. No constituents were reported either detected or were present well below their respective regulatory action level within bottom sediment samples collected from the overflow structure associated with the distribution box.

The investigation of the former UST area indicated that some remaining VOC-impacted soils are present exterior to the area previously addressed by excavation during the removal of the former UST. Based upon both field screening and analytical testing data, the soil contamination is generally contained within 5 to 10 feet of the former sidewalls of the area previously remediated, generally less than 8 feet deep, therefore rendering it accessible for excavation via backhoe. The SB-5 sampling location indicates an area of VOC contamination further to the south (between 10 and 16 feet) of the former tank area and extending to a depth of 12 feet or greater in this area. The limitation for excavation in this area will be to the groundwater interface noted at approximately 14 feet below grade. A work plan for the removal of these soils and endpoint sampling is provided for SCDHS review and approval.

Testing of the two discrete subgrade structures indicates that remediation is warranted only at the distribution box structure. A remediation program and endpoint sampling program is proposed for the distribution box structure in accordance with the Suffolk County Department of Health Services Cleanup Guidelines SOPs.

Shallow groundwater collected directly at the edge of the former UST area is impacted by the same VOCs exhibited in the soil column. Therefore shallow groundwater impacts appear to be directly related to contact with the overlying VOC-impacted soils. It is proposed to further evaluate groundwater subsequent to the remediation of soils and the distribution box.

1.0 INTRODUCTION

This report documents the findings of an investigation of a former underground storage tank (UST) area performed at the above-referenced facility on October 27 and 28, 2003 by AARCO Environmental Services Corp. (AARCO). The subject property is a multi-acre industrial property improved with two large buildings and ancillary structures located at 1966 East Broad Hollow Road, Farmingdale, Town of Babylon, Suffolk County, New York (see Figure 1). The property is occupied and operated as the Curtiss Wright Flow Control, Target Rock Division.

This report was prepared by Ms. Jill Haimson, PG, CGWP at the request of Curtiss Wright Flow Control Target Rock Division for submission to the Suffolk County Department of Health Services (SCDHS) as a continued environmental study relative to the prior UST closure effort.

2.0 SUMMARY OF PREVIOUS ENVIRONMENTAL SITE DATA

An out-of-service 550-gallon underground storage tank (UST) of former unknown use was identified by the facility safety officer. The UST was slated for removal subsequent to notification to the SCDHS and other appropriate parties. The UST was removed on May 23, 2003 at which time it was confirmed to be a 550-gallon UST of unknown former use. A SCDHS representative, Ms. Janet Gremli, Senior Public Heath Sanitarian, was on-site for the tank removal and provided direction relative to the impacted-soil removal and an endpoint confirmatory soil sampling regime. The top of UST was noted to be located just below grade and bottom of tank extended approximately four feet below grade surface (bgs). The tank was inspected and no pitting or holes were noted relative to same. The tank was removed for off-site disposal/salvage at Gershow Recycling.

Subsequent to the removal of the tank itself, the soils exterior to same were noted to be impacted by solvent-type odors and greasy type residue. The backhoe was used to remove some of the underlying and surrounding impacted soils. A total of 21.34 tons of soils were removed for off-site disposal as F002 Hazardous Waste Solids with transportation by Freehold Cartage Inc. to CWM Chemical Services LLC located at 1550 Balmer Road, Model City, New York 14107. (See waste disposal manifest in Appendix A).

A limitation for soil removal included the proximity of the building foundation at the eastern side of the excavation area. One endpoint soil sample each at the four sidewalls (composited from two locations approximately 2/3 depth below grade) and two samples representative of the bottom horizon (8 feet below grade surface (bgs) were collected by AARCO as supervised by Ms. Gremli. Generally, field characteristics of all of the endpoint samples, with the exception of the north bottom sample, exhibited suspect conditions such as solvent odor and/or greasy residual texture.

The endpoint samples were submitted to H2M Laboratory (a NYSDOH-ELAP certified laboratory) for analysis for Suffolk County List Volatile Organic Compounds (VOCs) by EPA Method 8260, NYSDEC STARS List Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270 and Suffolk County List Metals. The results of endpoint soil sampling indicated elevated concentrations of solvent-type VOCs, specifically tetrachloroethene ("PERC") and other related solvents or breakdown products of PERC. The highest concentrations of total VOCs (332 parts per million [mg/kg]) were noted at the southern sidewall, with elevated concentrations

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also present at the eastern (234 mg/kg) and northern sidewalls (197 mg/kg) and the southern bottom composite (175 mg/kg) sample (See Figure in Appendix A). The sample collected from the western wall (2 mg/kg) was notably less impacted with concentrations slightly above regulatory standards. No impacts relative to SVOCs or metal compounds were evident in the endpoint samples.

Additionally, the SCDHS noted the presence of two manhole covers adjacent to the former tank area and requested the sampling of these two structures to ascertain if there was a relationship with the former industrial UST.

3.0 SCOPE OF INVESTIGATION

3.1 Work Scope

An investigation of a former UST area was performed on October 27 and 28, 2003 that included the installation of a series of soil borings around the former UST excavation area in order to determine the approximate lateral and vertical extent of any remaining soil contamination. One soil boring was also installed interior to the building in order to evaluate the environmental condition of the soils further to the east of the former tank area. Additionally, one temporary groundwater monitoring well was installed coincident with a soil boring location, within the downgradient edge of the former UST. One shallow groundwater sample was collected to determine if the VOC impacts extend into the groundwater. Two adjoining leaching structures were also inspected and sampled in order to make a representation of prior uses of same and determine if a relationship exists with the former proximate UST.

A photographic log is included as Appendix B and provides documentation of the major elements of the field investigation. The soil boring screening and sampling locations are depicted in Figure 2. Screening and sampling locations are summarized on Table 1.

3.2 Pre-Investigation Activities

3.2.1 Health and Safety Plan

A site-specific health and safety plan was developed for use by all AARCO employees while conducting field investigation activities on the site. Information concerning potential contaminants that may be encountered during the work was incorporated into the plan. AARCO employees notified "Call Before You Dig" more than 72 hours prior to initiating the work to identify the location of underground utilities in the vicinity of sampling locations.

3.3 Soil Boring Installation

Soil borings were installed at seven locations exterior to the perimeter of the former 550 gallon steel UST using a Geoprobe drilling system. An eighth boring was manually installed interior to the building, in line with the former tank area (see Figure 2). A Geoprobe drilling system is a truck-mounted direct drive push drilling system that is used to collect discrete soil and/or

groundwater samples at depth. Soil borings were installed exterior to the former UST location at varying distances (5 to 16 feet away) to delineate the lateral and vertical extent of remaining VOC impacts. Borings were completed generally from grade to a depth of either 12 ft or 16 ft bgs. Depth to groundwater was noted to be at 14 ft bgs. The first soil boring, SB-1 was installed within the southeast corner of the former tank excavation area. In this manner, the vertical profile of field screening responses and lithology were established prior to the completion of the other borings.

The samples collected were evaluated by its Photoionization Detector (PID) response as well as any suspect field evidence of odors, staining and/or sheens. The PID is a portable field instrument capable of detecting the presence of a wide range of volatile organic compounds. The samples were also visually inspected by the on-site hydrogeologist for color, texture, grain size, and lithology. Soil samples were collected at locations to both confirm the presence and/or the absence of significant field responses or observations. Table 1 provides details on the lithology encountered, the PID responses, field characteristics and the locations and depths of samples collected for laboratory analysis. PID responses ranged from non-detect to a high of 250+ parts per million (ppm) PID response units. Fill material was noted from 2 to 8 feet below grade, dependent upon sampling location. Native materials consisted generally of fine-medium to coarse sands with gravel.

One soil boring (SB-8) was installed via a manually-operated Geoprobe sampler interior to the building. This soil boring location was selected based upon accessibility and was located approximately equivalent to the center of the long-axis of the former UST, within four feet of the building wall that comprised the eastern excavation wall (see Figure 2).

Based upon the above protocol, a total of four soil samples (SB-1 at 16-17 ft bgs; SB-5 at 10-12 ft bgs; SB-6 at 8-9 ft bgs; and SB-8 at 9-10 ft bgs) were collected for laboratory analysis.

3.4 Temporary Monitoring Well Installation

One (SB-1) of the eight soil borings was completed as a temporary monitoring well (GW-1) in order to collect a downgradient groundwater sample. Depth to groundwater was measured at 14 feet bgs, with an anticipated southeasterly flow direction. A decontaminated two-foot mill slot stainless steel screen was installed within the upper groundwater table and a representative groundwater sample collected for analytical testing from 14-16 feet bgs. The groundwater sample was checked for the presence of floating product and odors. A thin sheen was noted on

the tubing associated with the groundwater sample and a slight chemical odor was present. The sample was noted to be turbid so sufficient purging until the turbidity was less than 50 NTUs. This allowed a representative metals in groundwater analysis to be performed.

3.5 Sampling of Leaching Structures (Distribution Box and Overflow Pool [OF-1])

As requested by the SCDHS, the two subgrade structures located to the south of the former tank area were also inspected and sampled in order to make a representation of prior uses of same and determine if a relationship exists with the former proximate UST. The tops of these structures were opened and the interiors were inspected.

The manhole closest to the building was noted to be some form of distribution box or chamber. It consisted of a two-foot diameter solid concrete collar (ring) set into the ground approximately 8 feet deep, with steel manhole cover at grade. This structure appeared to serve as a distribution box to a proximate overflow structure. The structure was noted to have some limited leaching capacity through its open bottom; however, no side openings were noted. Influent piping was observed as originating from the interior of the adjoining building; however, the source of former interior discharges was not unidentifiable. One effluent pipe was noted in the interior of this structure that was connected to its proximate overflow structure (OF-1). One sample was collected of composited bottom sediments at 8 ft bgs using a decontaminated stainless steel hand auger. This sample was field characterized as possessing a greasy texture, fibrous in nature and had a pervasive chemical odor. An elevated PID response of 150+ - 250+ ppm response units was recorded at this sampling location. No liquids were present.

Upon the opening of the overflow structure (OF-1), an unusual leaching configuration was observed. This structure consists of a smaller leaching ring set inside a larger leaching ring. The bottom of these two leaching rings was approximately 8 feet deep, with a steel manhole cover at grade. Influent piping was noted as originating from the distribution box. No effluent piping was noted; therefore, no additional overflow structures are present. A bottom sediment sample was collected that consisted of composited bottom samples from both sets of leaching rings, as directed by the SCDHS. This sample was noted to consist of sand and gravel, with no suspect field characteristics and no PID response was noted.

3.6 Sampling and Analysis

Samples collected were submitted for laboratory analysis by American Analytical Laboratory, a New York State Department of Health Services (NYSDOH) ELAP-certified laboratory (with appropriate chain-of-custody). Samples collected from the soil borings, temporary monitoring well and distribution box and OF-1 were submitted for analysis for Suffolk County (SC) List Volatile Organic Compounds (VOCs) by EPA Method 8260, NYSDEC STARS List Semi-volatile Organic Compounds (SVOCs) by EPA Method 8270 and SC List metals. The bottom sediment samples collected from the distribution box and OF-1 were also analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Method 8015. No quality assurance/quality control (QA/QC) samples were collected due to the limited number of samples collected for testing. Analytical reporting was in the form of a summary report only.

4.0 RESULTS OF SAMPLING AND ANALYSIS

A summary of those constituents detected as well as quantified above either Regulatory Soil Clean-up Objectives (RSCOs) is given in Tables 2 to 7 with exceedances of these values highlighted. Summary analytical data reports are included in Appendix C.

4.1 Soil Sampling and Analysis

For the purposes of determining the environmental condition of the soils exterior to the former tank area, comparison was made to the January 1999 SCDHS Article 12 SOP No. 9-95 Soil Cleanup Criteria Objectives as well as the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Clean-up Objectives [RSCOs] (NYSDEC Technical Administrative Guidance Memorandum (TAGM) 94-4046), revised April, 1995.

Tables 2 to 4 provide a summary of the compounds detected in soil elevated above regulatory action levels. Out of the four soil samples collected for laboratory analysis, only one soil sample, SB-5 collected at 10-12 feet bgs reported elevated VOC constituents consist with the prior endpoint soil sampling data. This sampling location is located approximately 10 feet south of the centerline of the former tank excavation area. Specifically, tetrachloroethene was present at a concentration of 9,700 ug/kg compared to a SCDHS action level concentration of 2,800 ug/kg. The NYSDEC RSCO for this compound is 1,400 ug/kg. Total VOCs at this sampling location were noted to be 10,980 ug/kg. Typical degradation breakdown products or related solvents of tetrachloroethene such as trichloroethene (780 ug/kg) and 1,1,1-trichloroethane (500 J ug/kg) were also present, but were below the SCDHS action levels. However, these concentrations were either above or below the NYSDEC respective RSCOs of 700 ug/kg and 800 ug/kg for these compounds.

No SVOCs were present at any of the four soil sampling locations at a concentration above a regulatory action level. The highest SVOC total concentration was 992 ug/kg noted at SB-5 collected at 10-12 feet bgs. Additionally, no Suffolk County List metal compounds were present at any of the four soil sampling locations at a concentration above a regulatory action level or higher than the range established as naturally occurring in the Northeastern United States. No impacts to soils were observed at the soil boring/sampling location interior to the building.

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4.2 Groundwater Sampling and Analysis

In order to evaluate if impacts to groundwater are present relative to the soil contamination exhibited in the former UST area, comparison of the groundwater analytical testing data from the GW-1 sampling location was made to the NYSDEC Ambient Water Quality Standards and Guidance Values (SGVs) and Groundwater Effluent Limitations for Class Ga potable groundwaters (reissued June 1998, revised April 2000).

Tables 6 and 7 provide a summary of the groundwater analytical testing data. Five VOCs (tetrachloroethene at 280 ug/L; trichloroethene at 200 ug/L; 1,1,1-trichloroethane at 95 ug/L; 1,1,-dichloroethane at 17 ug/L; and cis-1,2,-dichloroethene at 48 ug/L) at a total VOC concentration of 640 ug/L was reported at this groundwater sampling location. Each of the aforementioned VOCs has a regulatory SGV of 5 ug/L. No SVOC compounds were present above their method detection limit. Three metal compounds (arsenic, copper and nickel) were present above their respective method detection limits. However, none of the three compounds were present at concentrations above their respective SGVs.

4.3 Leaching Structure (Distribution Box and OF-1) Sampling and Analysis

For the purposes of determining whether impact to the bottom sediments is present within the proximate discrete structures (e.g., distribution box and OF-1) from prior discharges, comparison of the analytical testing data was made to the January 1999 SCDHS Article 12 SOP Soil Action Levels.

A summary of those constituents detected as well as quantified above an action level at either of the two structures is given in Tables 2 to 5 with exceedances of these values highlighted. Four VOCs (tetrachloroethene at 17,000 ug/kg; 1,2,4,5-tetramethylbenzene at 2,200 ug/kg; 1,1,1-trichloroethane at 37,000 ug/kg; and 1,1-dichloroethane at 7,500 ug/kg) with a total VOC concentration of 63,700 ug/kg was reported at the distribution box sampling location. No SVOC compounds were present above their method detection limit or regulatory action level. Three metal compounds, chromium (429 mg/kg), copper (1,040 mg/kg) and nickel (1,410 mg/kg) were present elevated above their regulatory comparative basis (see Table 4). No TPH in excess of SCDHS action level of 500 mg/kg were present at this sampling location.

No VOCs were reported either detected or were present well below their respective regulatory action level within bottom sediment samples collected from the overflow structure (OF-1)

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associated with the distribution box. No SVOC compounds were present above their method detection limit at OF-1. No metal compounds or TPH were present above any of the applicable regulatory limits at OF-1.

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5.0 SUMMARY AND CONCLUSIONS

5.1 Summary

An investigation of a former underground storage tank (UST) area was performed at the subject property on October 27 and 28, 2003. The subject property is a multi-acre industrial property operated as the Curtiss Wright Flow Control, Target Rock Division located at 1966 East Broad Hollow Road, Farmingdale, Suffolk County, New York. A 550-gallon underground storage tank was removed in May 2003 in addition to associated surrounding VOC-impacted soils. Based upon endpoint soil samples collected from the former tank excavation area, VOC-related impacts still remain.

The UST area investigation included the installation of a series of soil borings in order to determine the approximate lateral and vertical extent of any remaining soil contamination. One soil boring was also installed interior to the building in order to evaluate the environmental condition of the soils further to the east of the former tank area. In addition to the field screening of soils, a total of four soil samples were submitted for laboratory analysis for confirmation purposes. Additionally, one temporary groundwater monitoring well was installed coincident with a soil boring location, within the downgradient edge of the former UST. One shallow groundwater sample was collected to determine if the VOC impacts extend into the groundwater. Two adjoining leaching structures were also inspected and sampled in order to make a representation of prior uses of same and determine if a relationship exists with the former proximate UST.

Out of the four soil samples collected for laboratory analysis, only one soil sample (SB-5 at 10-12 feet below grade) reported elevated solvent-related VOC constituents consistent with the prior endpoint soil sampling data. This sampling location is located approximately 10 feet south of the centerline of the former tank excavation area. Specifically, tetrachloroethene was present at a concentration of 9,700 ug/kg compared to a SCDHS action level concentration of 2,800 ug/kg. Total VOCs at this sampling location were noted to be 10,980 ug/kg. Typical degradation breakdown products or related solvents of tetrachloroethene such as trichloroethene (780 ug/kg) and 1,1,1-trichloroethane (500 J ug/kg) were also present, below the SCDHS action levels. No other constituents were present elevated above a regulatory action level. No impacts to soils were observed at the soil boring/sampling location interior to the building.

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In order to evaluate if impacts to groundwater are present relative to the soil contamination exhibited in the former UST area, a groundwater sample was collected from a soil boring installed within the downgradient (southeast) edge of the former tank excavation area. Five VOCs (tetrachloroethene at 280 ug/L; trichloroethene at 200 ug/L; 1,1,1-trichloroethane at 95 ug/L; 1,1,-dichloroethane at 17 ug/L; and cis-1,2,-dichloroethene at 48 ug/L) were present. No other constituents were present elevated above a regulatory action level.

Sampling of the bottom sediments present within the two discrete leaching structures (e.g., distribution box and OF-1) located adjacent to the former UST area was performed. Four VOCs (tetrachloroethene at 17,000 ug/kg; 1,2,4,5-tetramethylbenzene at 2,200 ug/kg; 1,1,1-trichloroethane at 37,000 ug/kg; and 1,1,-dichloroethane at 7,500 ug/kg) were present with a total VOC concentration of 63,700 ug/kg reported at the distribution box sampling location. No SVOC or TPH compounds were present above their a regulatory action level. Three metal compounds, chromium (429 mg/kg), copper (1,040 mg/kg) and nickel (1,410 mg/kg) were present elevated above their regulatory comparative basis. No constituents were reported either detected or were present well below their respective regulatory action level within bottom sediment samples collected from the overflow structure (OF-1) associated with the distribution box.

5.2 Conclusions

The investigation of the former UST area indicated that some remaining VOC-impacted soils are present exterior to the area previously addressed by excavation during the removal of the former UST. Based upon both field screening and analytical testing data, these soils warrant removal. The investigation revealed that the soil contamination is generally contained within 5 to 10 feet of the former sidewalls of the area previously remediated, generally less than 8 feet deep and is therefore rendering it accessible for excavation via backhoe. The SB-5 sampling location indicates an area of VOC soil contamination further to the south (between 10 and 16 feet) of the former tank area and extending to a depth of 12 feet or greater in this area. The limitation for excavation in this area will be to the groundwater interface noted at approximately 14 feet below grade.

Shallow groundwater collected directly at the edge of the former UST area is impacted by the same VOCs exhibited in the soil column. Therefore shallow groundwater impacts appear to be directly related to contact with the overlying VOC-impacted soils. To provide a more accurate representation of groundwater conditions, sampling of the shallow groundwater, exterior and

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downgradient, of the remediated former tank area should be performed.

Testing of the two discrete subgrade structures indicates that remediation is warranted only at the distribution box structure. The remediation program at the distribution box structure should be completed in accordance with the Suffolk County Department of Health Services Cleanup Guidelines.

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6.0 REMEDIATION WORK PLAN

6.1 Distribution Box

The remediation of the distribution box is proposed to be completed in accordance with the SCDHS Cleanup Guidelines. These activities will include the removal of liquids (if any) and residual bottom sludge until clean native soil conditions are reached. This will be accomplished by the use of a truck-mounted vacuum guzzler. This remediation effort will be conducted with field oversight by a hydrogeologist. The removal of the bottom sediments will be performed in conjunction with field screening using a Photoionization Detector (PID). Soils will be removed as dictated by field screening and/or as directed by SCDHS. These sediments will be stored inside the vacuum guzzler and removed for disposal at the end of the work day.

Subsequent to remediation and inspection by SCDHS, an endpoint sample will be collected for analysis to document conditions after clean-out. The endpoint sample is proposed to be analyzed only for Suffolk County List VOCs by EPA Method 8260 and Suffolk County List total metals, as these are the only compounds previously present at concentrations above the SCDHS's Action Levels. Laboratory analysis will be performed by a New York State Department of Health ELAP-certified laboratory (American Analytical Labs) with appropriate chain-of-custody. Contaminated materials will be disposed of in accordance with appropriate federal, state and local regulations based upon the disposal characterization data.

Upon the receipt of satisfactory endpoint sampling data, and permission from SCDHS, the distribution box and the adjoining overflow leaching structure will be abandoned by filling with clean inert material. Prior to the abandonment of same, all influent and effluent piping will be sealed.

6.2 Former UST Area

The October 2003 investigation revealed that the remaining VOC soil impacts are generally contained within 5 to 10 feet of the former sidewalls of the area previously remediated and less than 8 feet deep. These observed conditions render these soils accessible for excavation via backhoe. The investigatory data indicates that some of the southern portion of the former tank area will require additional excavation, between 10

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and 16 feet south of the former tank area, with incremental removal of soils to a minimum depth of 12 feet in this area. The limitation for excavation in this area will be to the groundwater interface noted at approximately 12-14 feet below grade.

The steel awning structure overlying the former tank area will be required to be removed to implement this project. The asphalt and concrete surface materials will be removed via a jackhammer. The clean fill previously used to backfill the former tank area will be stockpiled separately on-site for future re-use. These soils have been separated from the impacted soils by the initial placement of a plastic sheath at the base of the former excavation prior to backfilling.

An excavator and/or backhoe will be used to remove soils from areas identified in the October 2003 investigation as impacted by VOCs. These soils will be temporarily stockpiled on plastic for expedited bulk loading into approved transport vehicles for off-site disposal. An additional bulk soil sample will be collected for disposal characterization, if required. The soil removal program will be conducted with field oversight by a hydrogeologist and inspection by SCDHS personnel. The sidewalls and bottom of the excavation area will be field screened using a Photoionization Detector (PID). The PID readings and other field conditions will be used to determine the amount and degree of excavation performed within the area of concern. Other considerations will include proximity to foundation walls, footings, groundwater, etc. and any supplemental concerns of SCDHS.

Composite endpoint samples will be collected at all four sidewalls and the bottom of the excavation area. A minimum of two composited endpoint samples are proposed to be collected per each of the four sidewalls and bottom (samples are to be composited without agitation, to minimize the release of VOCs) from locations approximately 1/3 to 2/3 of the height of the sidewall. This results in approximately ten samples collected for laboratory analysis for Suffolk County List VOCs by EPA Method 8260. These were the only compounds previously present at concentrations above the SCDHS's Action Levels. Laboratory analysis will be performed by American Analytical Labs with appropriate chain-of-custody, on an expedited (48 hour) basis. Contaminated materials will be disposed of at a licensed TSDF, Sub-title C landfill (Model City) in accordance with appropriate federal, state and local regulations. The excavation area will remain open with temporary fencing until the endpoint sample laboratory results are received. Upon

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the receipt of satisfactory endpoint sampling data, and permission from SCDHS, the excavation area will be backfilled with DOT-certified clean fill.

6.3 Closure Reporting

Upon the receipt of satisfactory endpoint sampling data, and completion of other remediation work plan activities, a closure report will be provided to the SCDHS that documents the aforementioned activities. This report will include a photographic log, analytical test results, comparative analysis and finalized transportation/disposal waste manifests.

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Table 1

Sampling Locations and Description

Site Feature	Location	Description
Former Underground Storage Tank (UST) Area	Located on the northwest corner of the West Building within the Curtiss Wright - Target Rock Division campus.	550-gallon Underground storage tank of former unknown industrial use was removed on May 23, 2003. Top of UST was located just below grade and bottom of tank extended approximately four feet below grade surface (bgs). Backhoe was used to remove tank and some of the underlying and surrounding impacted soils. Endpoint samples indicated remaining impacts by VOCs at the four walls and bottom horizons.
SB-1 to SB-7	Soil borings installed via Geoprobe exterior to the former UST location. Borings also were located at the northwest portion of the West Building	Soil borings were installed via Geoprobe exterior to the former UST location at varying distances to delineate the lateral and vertical extent of remaining VOC impacts. Borings were completed from 0-12 or 16 ft bgs; depth to groundwater was 14 ft bgs.
SB-1/GW-1	Soil boring installed at the southeast corner of the former excavation area associated with the former UST location.	Boring was completed from 0-16 ft bgs. Backfill was encountered until approximately 10 ft bgs. Coarse sand and gravel was noted at 12-16 ft bgs with PID responses ranged from 60 to 200+ ppm response units. One soil sample collected at 16-17 ft bgs, slightly below the groundwater table interface. Depth to groundwater was noted at approximately 14 ft bgs; slight sheen noted at interface. A temporary groundwater monitoring well was installed from 14-16 ft bgs and a sample collected (GW-1). Purged water until turbidity was less than 50 NTUs to allow for metal analysis without filtration.
SB-2	Soil boring installed at the northwest corner, 5 feet exterior to the former UST location.	Boring was completed from 0-12 ft bgs. Fill was encountered until approximately 2 ft bgs. Coarse sand, organic silt and gravel was noted throughout. PID responses were generally non-detect. No soil sample was collected. Location field-determined to be un-impacted.
SB-3	Soil boring installed 5 feet south-central of the former UST location.	Boring was completed from 0-12 ft bgs. Fill was encountered until approximately 4 ft bgs. Medium to coarse sand and gravel was noted throughout the remainder of boring. PID responses ranged from 100+ to 250+ ppm response units; highest PID response was at 12 ft bgs. No soil sample was collected at this boring; samples were collected further south at SB-5 and SB-6.
SB-4	Soil boring installed 5 feet north-central of the former UST location.	Boring was completed from 0-12 ft bgs. Fill was encountered until approximately 7 ft bgs. medium to coarse sand noted throughout the remainder of boring. PID responses were generally non-detect. No soil sample was collected. Location field-determined to be un-impacted.

SB-5	Soil boring installed 10 feet south-central of to the former UST location.	Installed this boring further to the south of SB-3 to ascertain if soils still impacted. Boring was completed from 0-12 ft bgs. Fill was encountered until approximately 8 ft bgs. Medium to coarse sand and gravel was noted throughout the remainder of boring. PID responses ranged from non-detect at shallow horizon to a high of 100+ ppm response units at 10-12 ft bgs. This horizon field-determined to still be impacted by VOCs. Sample collected from 10-12 feet bgs for confirmation purposes.
SB-6	Soil boring installed 16 feet south-central of to the former UST location.	Installed this boring further to the south of SB-5 to ascertain if soils still impacted. Boring was completed from 0-12 ft bgs. Sampled only from 8-12 ft bgs. PID responses ranged from 60 to <25 ppm response units at the total depth of 12 ft bgs. Soil sample collected from 8-9 ft bgs for confirmation purposes.
SB-7	Soil boring installed 4 feet south and west of the former UST location.	Located to the west of SB-3. Boring was completed from 0-12 ft bgs. Fill was encountered until approximately 4 ft bgs. Medium to coarse sand and gravel was noted throughout the remainder of boring. PID responses ranged from 100+ppm response units until approximately 7 feet bgs; then non-detect for the remainder of the soil boring. No soil sample was collected. Location field-determined to be un-impacted at depths greater than 7 feet bgs.
SB-8	Soil boring installed centerline of the former UST location, interior to the building.	Installation of soil boring inside building to ascertain if VOC impacts are underneath the building, relative to prior endpoint sample collected along the eastern excavation wall. Soil boring was completed using manually geoprobe sampler from 0-12 ft bgs. Fill was encountered until approximately 8 ft bgs. Native lithology (medium to coarse sand and gravel) were present from 8-12 feet bgs. PID responses were all non-detect. A soil sample was collected from 9-10 ft bgs.
Distribution Box	Small diameter subgrade drainage structure located adjacent and south of the former UST area.	Two foot diameter solid concrete collar (ring) set into the ground approximately 8 feet deep, with steel manhole cover at grade, serving as a distribution box to proximate overflow structure. Limited leaching capacity through open bottom; no side openings noted. Influent piping noted emanating from the interior of the adjoining building; piping source unidentifiable. One effluent pipe noted to proximate overflow structure (OF-1). Sample collected of composited bottom sediments at 8 ft bgs. Sample noted to be greasy texture, fibrous and chemical odor. Elevated PID response of 150+-250+ ppm response units noted.
Overflow Pool (OF-1)	Subgrade drainage structure located adjacent and south of the former UST area.	Unusual leaching structure located adjacent and west of the distribution box. A smaller leaching ring was observed set inside a larger leaching ring, into the ground approximately 8 feet deep, with steel manhole cover at grade. Influent piping was noted originating from the distribution box. No effluent piping was noted; no additional overflows. Sample collected of composited bottom sediments from both sets of leaching rings at 8 ft bgs. Sample noted to be sand and gravel, with no suspect field characteristics. No PID response was noted.

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Table 2
Summary of Suffolk County List VOCs Detected in Soil Samples or Outfalls and/or Elevated Above Regulatory Action Levels

VOCs (ug/kg)	Distrib. Box 8 ft bgs	OF-1 8 ft bgs	SB-1 16-17 ft bgs	SB-5 10-12 ft bgs	SB-6 8-9 ft bgs	SB-8 9 -10ft bgs	NYSDEC RSCOs	SCDHS Action Levels
1,1,1-Trichloroethane	**37,000**	3 J	300 J	500 J	ND	ND	800	1,600
1,1-Dichloroethane	**7,500**	ND	ND	ND	ND	ND	200	400
1,2,4-5-Tetramethylbenzene	2,200	ND	ND	ND	ND	ND	NA	15,000
Tetrachloroethene	**17,000**	7.0	400 J	**9,700**	ND	ND	1,400	2,800
Trichloroethene	ND	2 J	ND	780	ND	ND	700	1,400
Total VOCs	**63,700**	12 J	700 J	**10,980**	ND	ND	< 10,000	< 10,000

ND - Not Detected above the method detection limit (MDL). NA - Not available.

J = Estimated concentration.

Bold # indicates detected concentration exceeds the SCDHS Action Level or the NYSDEC Recommended Soil Cleanup Objective (RSCO).

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Table 3
Summary of NYSDEC STARS List Semi-Volatile Organic Compounds (SVOCs) Detected in Soils or Outfalls and/or Elevated Above Regulatory Action Levels

STARS List SVOCs (ug/kg)	Distrib. Box 8 ft bgs	OF-1 8 ft bgs	SB-1 16-17 ft bgs	SB-5 10-12 ft bgs	SB-6 8-9 ft bgs	SB-8 9 -10ft bgs	NYSDEC RSCOs	SCDHS Action Levels
Anthracene	ND	ND	ND	ND	ND	ND	50,000	75,000
Fluorene	ND	ND	ND	ND	ND	ND	50,000	75,000
Phenanthrene	ND	ND	ND	94	ND	ND	50,000	75,000
Pyrene	53	ND	ND	200	ND	ND	50,000	75,000
Acenaphthene	ND	ND	ND	ND	ND	ND	50,000	75,000
Benzo(a)anthracene	ND	ND	ND	94	ND	ND	224 or MDL	6,000
Fluoranthene	52	ND	ND	240	ND	ND	50,000	75,000
Benzo(b)fluoranthene	ND	ND	ND	89	ND	ND	61 or MDL	2,200
Benzo(k)fluoranthene	ND	ND	ND	67	ND	ND	610 or MDL	2,200
Chrysene	ND	ND	ND	120	ND	ND	400	800
Benzo(a)pyrene	ND	ND	ND	88	ND	ND	61 or MDL	22,000
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	3,200	1,400
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	143 or MDL	75,000
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	50,000	75,000
Total SVOCs (ug/kg)	105	--	--	992	--	--	50K/250K	500K

ND - Not Detected. Bold # indicates detected concentration exceeds the regulatory action level.

K - unit measured in 1,000's of ug/kg.

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Table 4

Summary of Suffolk County List Metals Detected in Soils and/or Elevated Above Regulatory Action Levels

Metals (mg/kg)	Distrib. Box 8 ft bgs	OF-1 8 ft bgs	SB-1 16-17 ft bgs	SB-5 10-12 ft bgs	SB-6 8-9 ft bgs	SB-8 9 -10ft bgs	SCDHS Action Levels (mg/kg)	Natural Range of Metals in NE US (mg/kg)
Beryllium	ND	ND	ND	ND	ND	ND	8	0-1.75/1.6
Silver	12.0	ND	ND	ND	ND	ND	100	NA
Arsenic	3.0	0.544	1.35	0.42	0.657	ND	25	3 - 12/7.5
Cadmium	7.24	0.194	ND	ND	ND	ND	10	0.1 - 10/10
Chromium	**429**	8.71	6.95	1.79	1.44	2.40	100	1.5 - 50/50
Copper	**1,040**	47.2	3.82	1.34	1.26	1.06	500	1-50/25
Mercury	0.149	ND	ND	ND	ND	ND	2	0.001 - 0.2/0.1
Lead	69.0	2.69	2.66	0.593	0.710	0.545	400	4.0 - 61/61+
Nickel	**1,410**	16.5	7.88	0.927	1.27	0.753	1,000	0.5-25/13

NA - Not Available. ND - Not Detected. SB = Site Background.

Bold # indicates detected concentration exceeds the regulatory action level.

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Table 5

Total Petroleum Hydrocarbons (TPH) Detected in Soils and/or Elevated above the SCDHS Action Level

Sampling Locations	Total Petroleum Hydrocarbons (TPH) mg/kg	SCDHS Action Level
Distribution Box	ND	500
OF-1	22 (Unknown Hydrocarbon)	500

Bold # indicates detected concentration exceeds SCDHS Action level.

ND - Not Detected.

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Table 6

Summary of Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs) Detected and/or Elevated Above the NYSDEC Ambient Water Quality Standards or Guidance Values at Downgradient Groundwater Sampling Location

VOCs (ug/L)	GW-1 (14 ft bgs)	NYSDEC Ambient Water Quality Standard or Guidance Value (ug/L)
1,1,1-Trichloroethane	95	5
1,1-Dichloroethane	17	5
Tetrachloroethene	280	5
Trichloroethene	200	5
cis-1,2-dichloroethene	48	5
TOTAL VOCs	640	Not Applicable
TOTAL SVOCs (ug/L)	ND	Not Applicable

ND - Not Detected.

Bold # indicates detected concentration exceeds NYSDEC Ambient Water Quality Standards or Guidance Values for Class Ga groundwaters (potable). GW-1 is a temporary monitoring well location via Geoprobe.

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Table 7

Summary of Suffolk County List Metal Compounds Detected and/or Elevated Above the NYSDEC Ambient Water Quality Standards or Guidance Values at Downgradient Groundwater Sampling Location

VOCs (ug/L)	GW-1 (14 ft bgs)	NYSDEC Ambient Water Quality Standard or Guidance Value (ug/L)
Arsenic	20 J	25
Copper	6.9 J	200
Nickel	5.1 J	100

ND - Not Detected.

Bold # indicates detected concentration exceeds NYSDEC Ambient Water Quality Standards or Guidance Values for Class Ga groundwaters (potable). GW-1 is a temporary monitoring well location via Geoprobe.

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SITE FIGURES

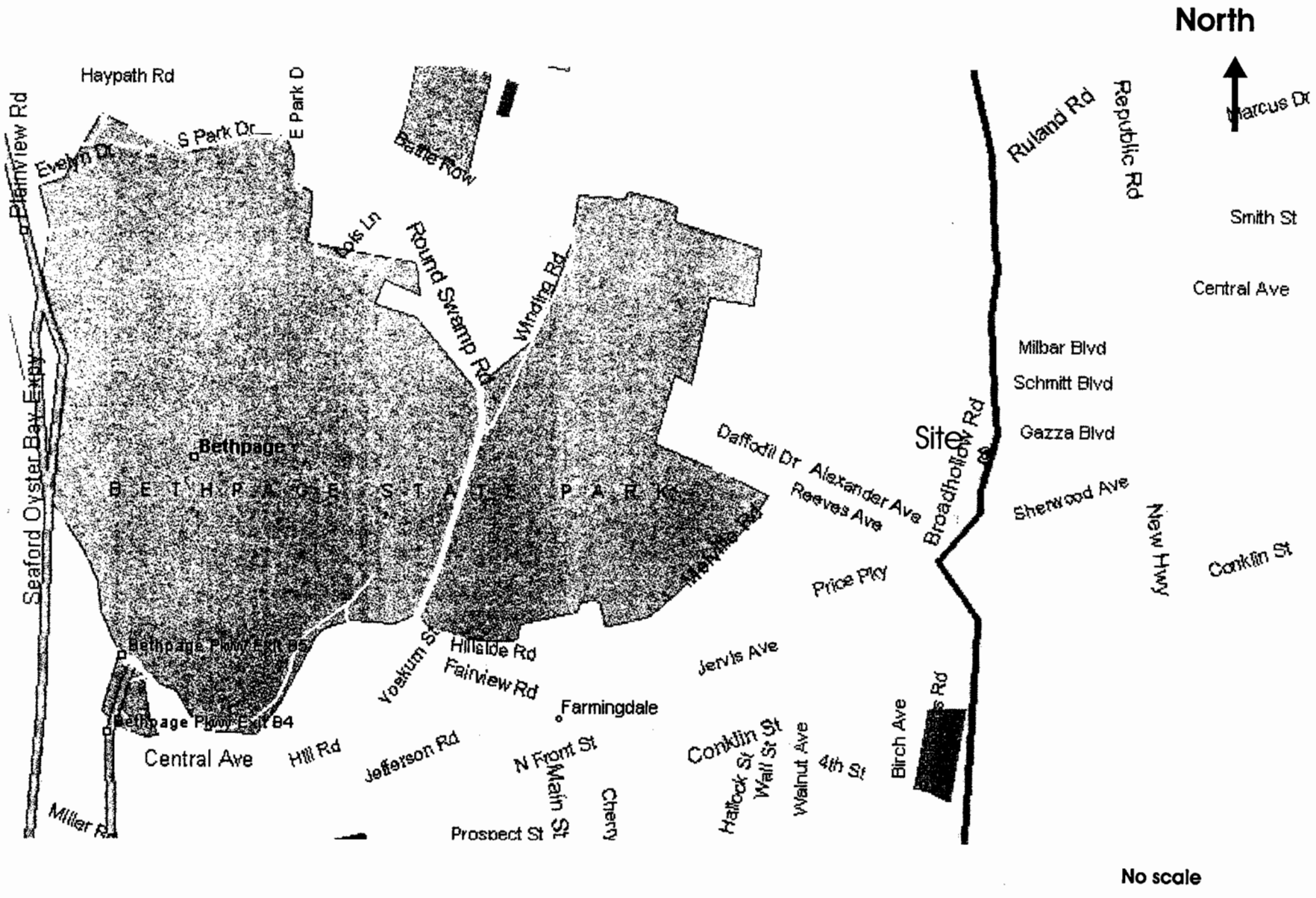
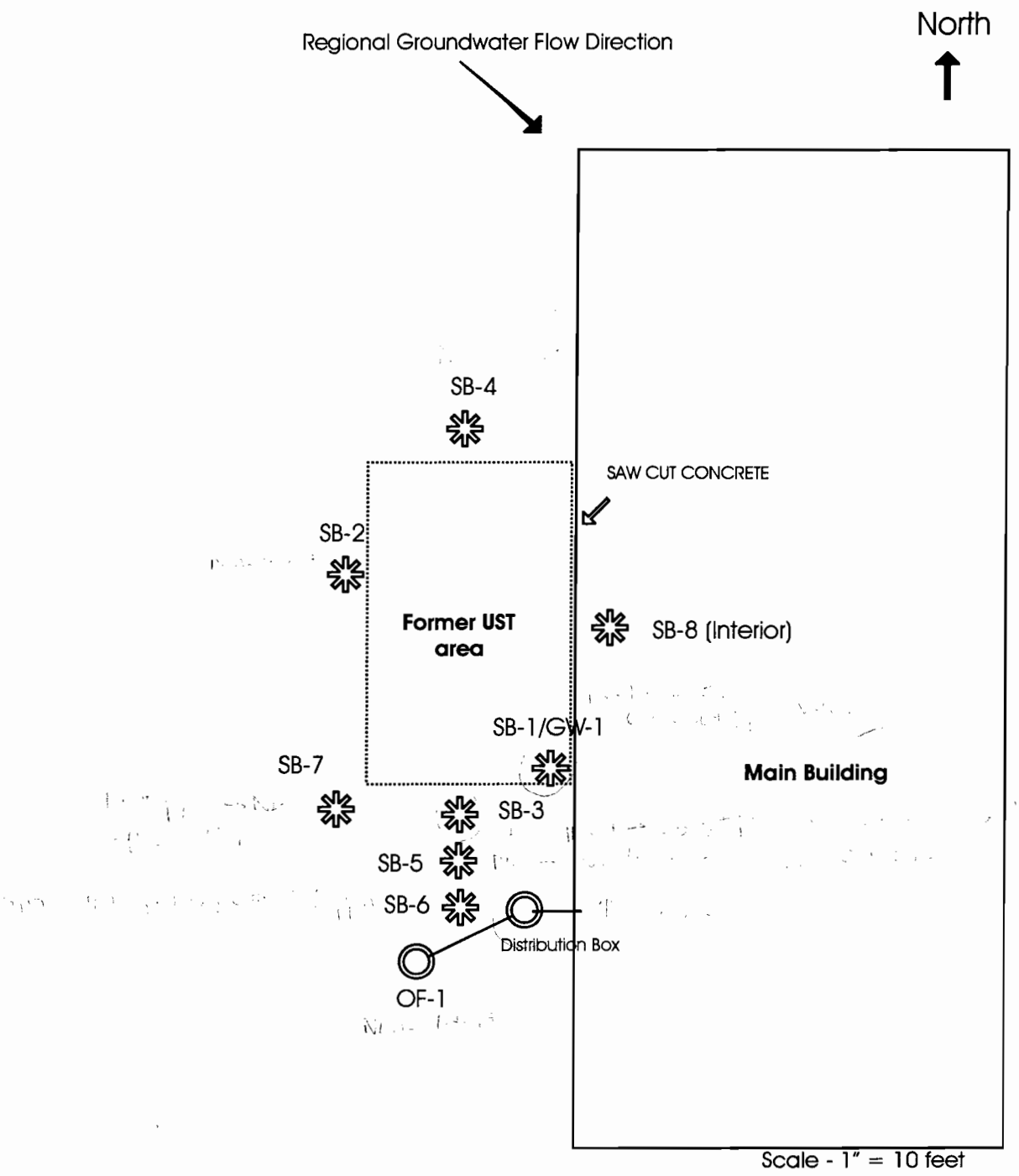


Figure 1 - Site Location Map - 1966 E. Broad Hollow Road, Farmingdale, NY



SB-1 ✳ Soil Sampling Locations via Geoprobe

GW-1- Temporary Groundwater Sampling Location via Geoprobe,

Figure 2 - Sampling Locations at
Curtiss Wright - Target Rock Division
1966 E. BroadHollow Road, East Farmingdale, New York

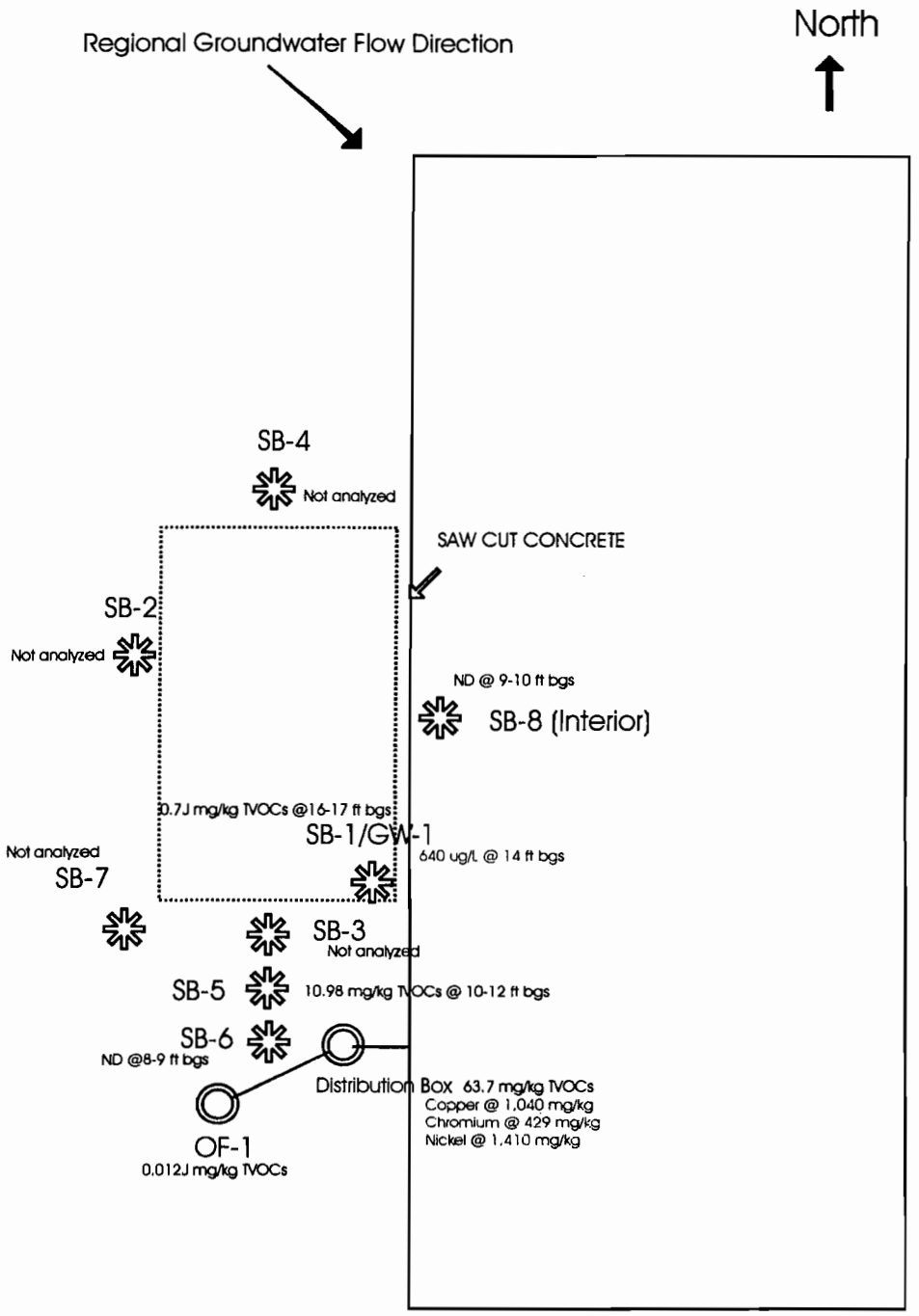


Figure 3 - Sampling Locations and Analytical Testing Results Above Regulatory Action Levels
Curtiss Wright - Target Rock Division
1966 E. BroadHollow Road, East Farmingdale, New York

APPENDIX A

WASTE DISPOSAL MANIFEST/ TANK REMOVAL ENDPOINT FIGURE

NYG 3230073

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/5/90)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD002034056
Manifest Doc. No.: 39169
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

GENERATOR

3. Generator's Name and Mailing Address: Curtiss Wright-Target Rock, 1966 E. Broad Hollow Road, Farmingdale, NY 11735

4. Generator's Telephone Number (631) 586-5900

A. NYG 3230073

B. Generator's ID: Same

5. Transporter 1 (Company Name): Freehold Cartage, Inc.
6. US EPA ID Number: NJD054126164

C. State Transporter's ID: AA392 E NJ.
D. Transporter's Telephone (732) 462-1001

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address: CWM Chemical Services, LLC, 1550 Balmer Road, Model City, NY 14107
10. US EPA ID Number: NYD049836679

G. State Facility ID
H. Facility Telephone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Hazardous Waste Solids, N.O.S., 9, NA3077, PGIII (Trichlorethane) (Tetrachloroethylene)(F002)ERG#171	001	CM	40000 Est	P	EPA F002 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Trichloroethane
b. Tetrachloroethylene
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
24 hour emergency: AARCO (631)586-5900
11a)CW7713 SR# 694378 81577060

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: WILLIAM HUGHES
Signature: [signature]
Mo. Day Year: 09 11 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Timothy B Conklin
Signature: [signature]
Mo. Day Year: 09 11 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Mo. Day Year:

FACILITY

19. Discrepancy Indication Space
Actual Rec'd 42680 P

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Lynn Piechowski
Signature: [signature]
Mo. Day Year: 09 15 03

COPY 1 – Disposer State – Mailed by TSD Facility

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

113774

20 yd.
Cubic Yards

39

8157706

CW7713
Receipt #

049557 ME
Trailer License Plate # and State

75560 LB G 2
09:38
08/15/03

694379
Service Req. #

Profile #

NY-NJ113
Permit #

Freehold Cartage Inc
Transporter Name

746-335-0309 A
Tractor/Trailer/Roll-off #

32880 LB G 1
10:59
08/15/03

Dave Burton
Driver's Name

Curtiss Wright - Target Rock
Generator

42680 P

Scheduled Arrival: 9-15-03 0930
Date Time

Actual Arrival: _____ 0914 _____
Date Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify) _____

Receiving: _____ _____
Initials Comments

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO initials) | Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas

_____ Failure to obey instructions of facility personnel

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Other (specify) _____

_____ Leaving truck unattended

_____ Failure to display overweight flag

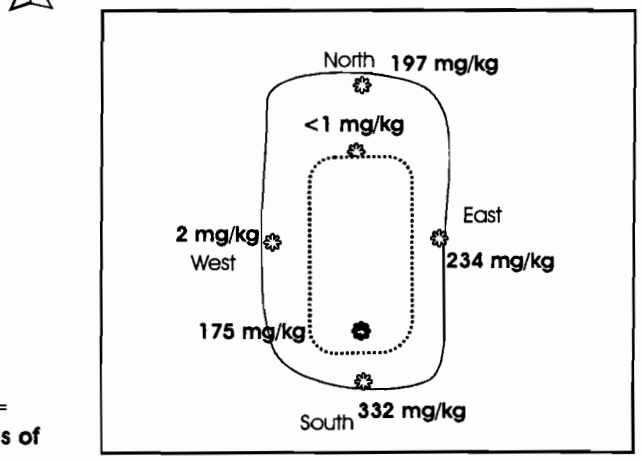
_____ Improper tarping or detarpin

_____ Overweight upon arrival

Security Guard Initials: _____
(indicating receipt of Wash Bay pass, if necessary)

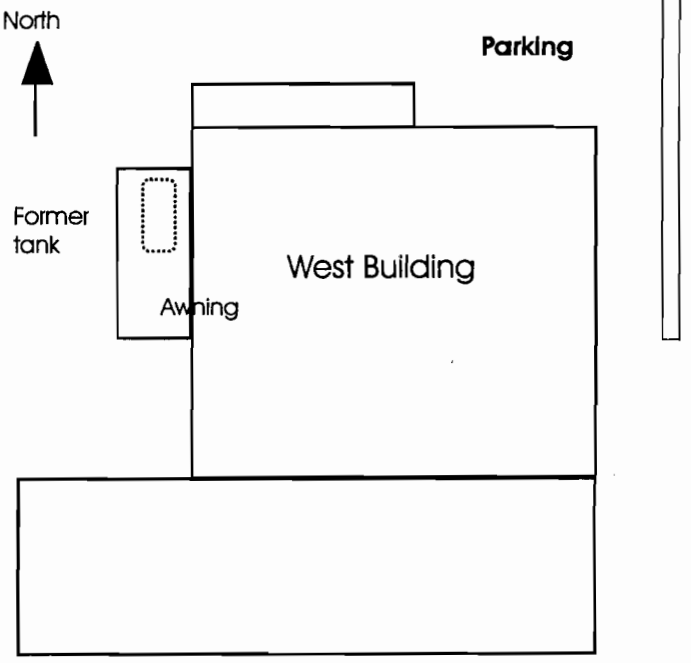
Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver



175 mg/kg = concentrations of total VOCs

Inset of former tank excavation area



Target Rock (Curtiss-Wright Flow Control)

1966 East Broad Hollow Road, Farmingdale

Figure 1 - Depiction of tank excavation area and results of endpoint soil sampling

COUNTY OF SUFFOLK

ROBERT J. GAFFNEY
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

LINDA MERMELSTEIN, M.D., M.P.H.
ACTING COMMISSIONER

October 14, 2003

CERTIFIED MAIL R.R.R.
7001 1940 0002 1937 5740

Mr. D. Oliver
Curtiss-Wright Flow Control
1966 E. Broadhollow Road
E. Farmingdale, NY 11735

RE: Proposed work plan for 1966 E. Broadhollow Rd, Farmingdale, SCFR# 02941

Dear Don,

The proposed sub-surface site investigation submitted to this department by AARCO Environmental Services Corp. for the above-referenced location has been reviewed. The following issues are to be addressed:

1) A minimum of one groundwater sample is to be collected at the down-gradient side of the former tank area.
2) For each soil sample to be analyzed, two consecutively collected soil samples exhibiting non-detection will be required during field screening. Only the first of these samples will require laboratory analysis.
3) A soil sample, at a depth at least equal to that of the former tank bottom, will be required on the east side, interior wall of the West building, proximate to the location of the former UST. This sample is to be addressed in a manner similar to that proposed for other sediment samples in determining both the vertical and horizontal extent of soil contamination.
4) All samples collected are to be analyzed for SCL VOC's (EPA Method 8260), NYSDEC STARS list SVOC's (EPA Method 8270), and SCL total metals.

This department expects that the proposed work will begin by November 17, 2003. A representative from this office is required to be present while work is being performed.

Please contact this office 72 hours in advance to schedule an appointment. If you have any questions concerning these matters, feel free to contact the undersigned at 631-854-2513.

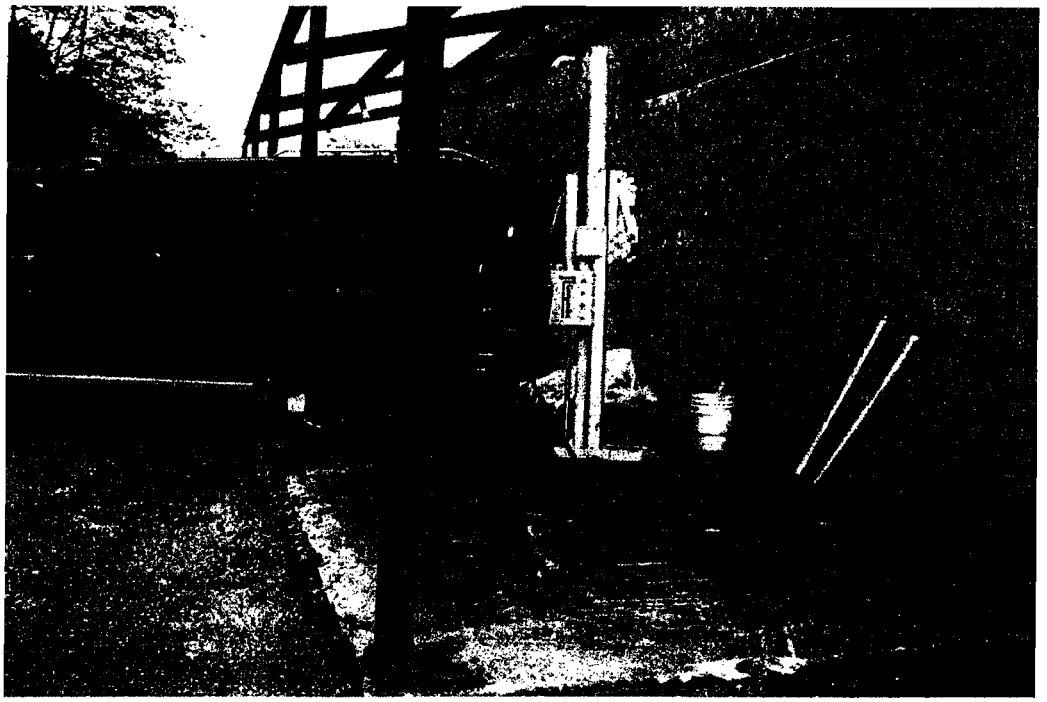
Sincerely,

Janet M. Gremli

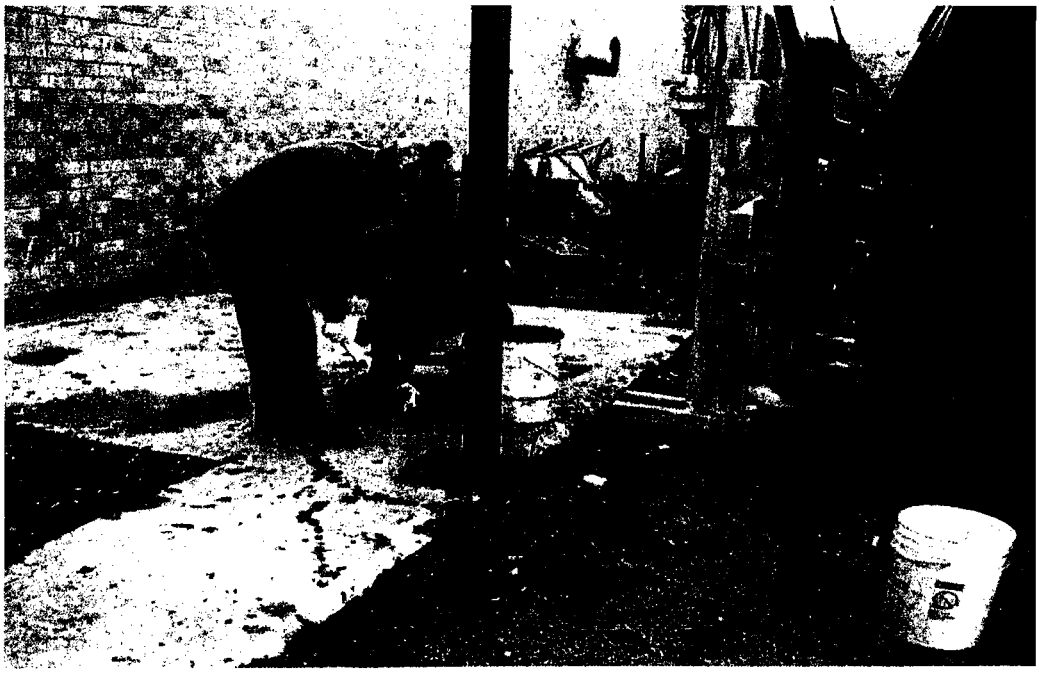
Janet M. Gremli
Senior Public Health Sanitarian
Bureau of Environmental & Remediation

cc: Rick Spadalick, AARCO Environmental Services Corp.
Jill Haimson, Project Manager

APPENDIX B - PHOTOGRAPHIC LOG

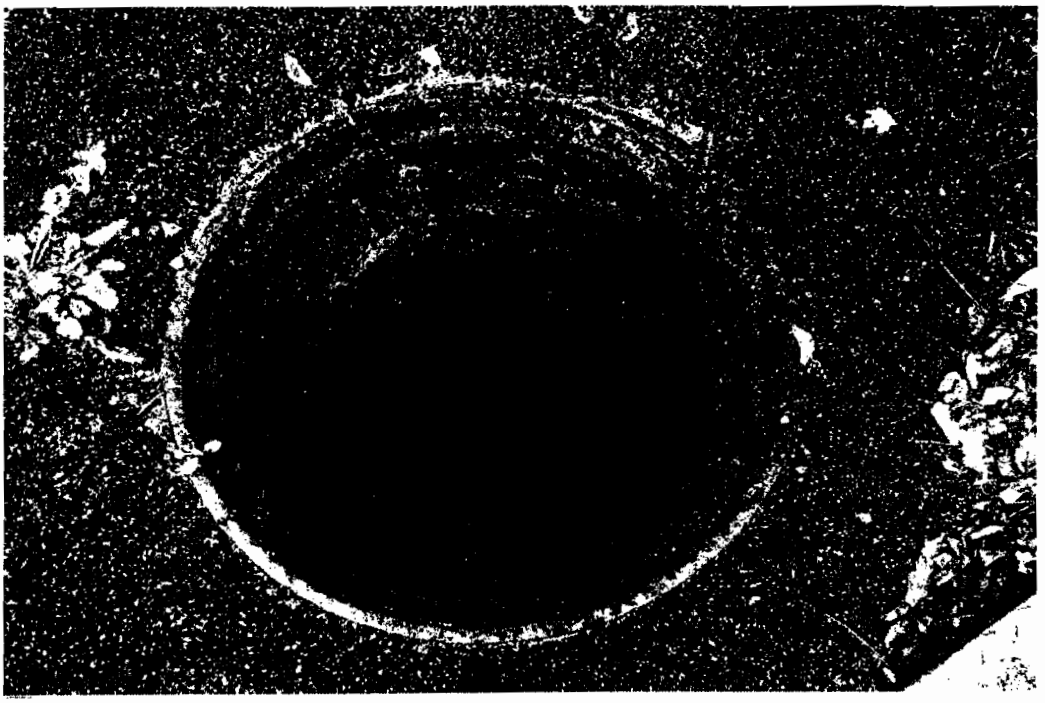


Photograph No. 1 - Installation of soil borings via Geoprobe exterior to the former UST area.

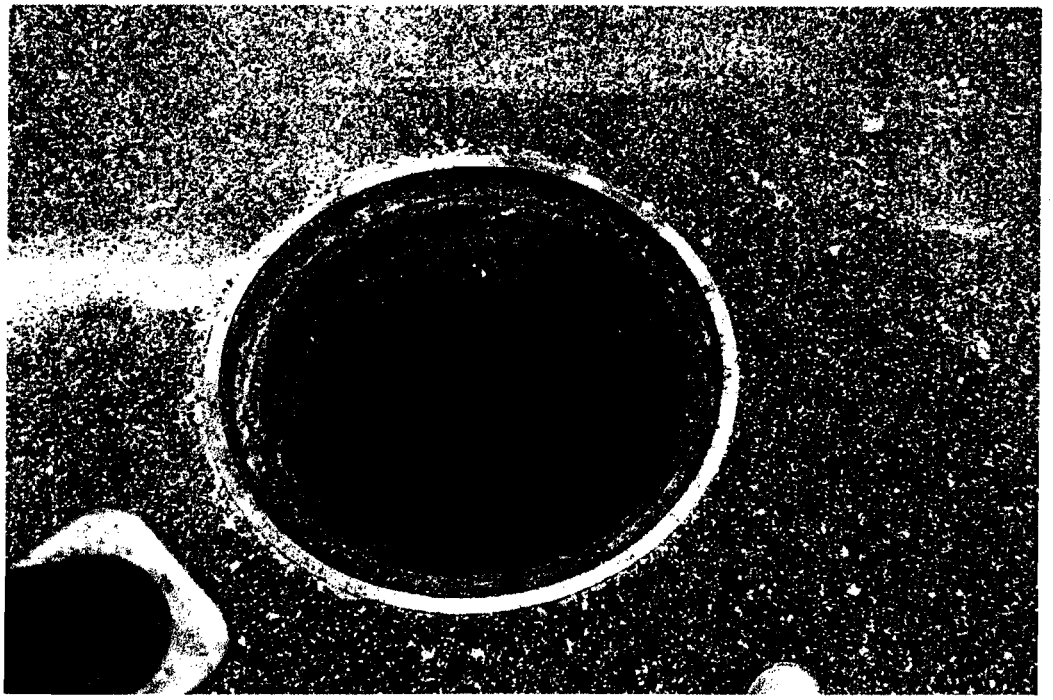


Photograph No. 2 - Installation of soil borings exterior to the former UST area.

Photograph No. 3 - Installation of soil borings exterior to the former UST area.



Photograph No. 4 - Interior of outfall structure that consists of open-bottom two-foot diameter concrete pre-cast ring (distribution box). Influent piping originates from building.



Photograph No. 5 - Interior of overflow leaching structure (OF-1) hard-piped from distribution box. Note leaching ring within leaching ring. Samples collected from composite locations within both rings.

Photograph No. 6 - Close-up of interior of overflow leaching structure, OF-1.

APPENDIX C -ANALYTICAL TESTING DATA

November 06, 2003

Rick Spadalik
AARCO
10 Grand Boulevard Suite 3
Deer Park, NY 11729

TEL: (631) 586-5900
FAX (631) 586-5910

RE: 1966 E. Broad Hollow Rd.,Farmingdale,NY

Order No.: 0310162

Dear Rick Spadalik:

American Analytical Laboratories, Inc. received 6 samples on 10/27/2003 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT: AARCO
Project: 1966 E. Broad Hollow Rd.,Farmingdale,NY
Lab Order: 0310162

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0310162-01A	Distribution Box 8 ft.		10/27/2003	10/27/2003
0310162-01B	Distribution Box 8 ft.		10/27/2003	10/27/2003
0310162-02A	OF-1 8 ft.		10/27/2003	10/27/2003
0310162-02B	OF-1 8 ft.		10/27/2003	10/27/2003
0310162-03A	SB-1 (16-17 ft.)		10/27/2003	10/27/2003
0310162-03B	SB-1 (16-17 ft.)		10/27/2003	10/27/2003
0310162-04A	SB-5 (10-12 ft.)		10/27/2003	10/27/2003
0310162-04B	SB-5 (10-12 ft.)		10/27/2003	10/27/2003
0310162-05A	SB-6 (8-9 ft.)		10/27/2003	10/27/2003
0310162-05B	SB-6 (8-9 ft.)		10/27/2003	10/27/2003
0310162-06A	GW-1 (14 ft)		10/27/2003	10/27/2003
0310162-06B	GW-1 (14 ft)		10/27/2003	10/27/2003

AMERICAN ANALYTICAL LABORATORIES, INC.
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027 • email: lbeyer@american-analytical.com

NYSDOH	ELAP	418
CTDOH	PH-0205	
NJDEP	NY050	
PADEP	68-573	

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: AARCO Grand Blvd

CONTACT: J M Haimson

SAMPLER (SIGNATURE): [signature] DATE: 10/27/03 TIME: 1530

SAMPLER NAME (PRINT): J Haimson

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: 1966 E. Broad Hollow Rd Farmingdale NY

ANALYSIS REQUIRED: SC List VOC ; SC List Metals ; Same SVOC ; TPH ; PCBs

FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	SC List VOC	SC List Metals	Same SVOC	TPH								Methanol preserved
0310162-01B	S	G/C	ICE	Distribution Box 8ft	/	/	/	/								
-02B	↓	↓	↓	OF-1 8ft	/	/	/	/								
-03B	↓	↓	↓	SB-1 16-17 ft	/	/	/									
-04B	↓	↓	↓	SB-5 10-12 ft	/	/	/									
-05B	↓	↓	↓	SB-6 8-9 ft	/	/	/									
-06B	L	G	↓	GW-1 (14 ft)	/	/	/									

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL

TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 10/27/03 TIME 1530	Jill Haimson	Karen Kelly	DATE 10/27/03 TIME 15:35	KAREN KELLY
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, INC.
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT: AARCO
Lab Order: 0310162
Project: 1966 E. Broad Hollow Rd.,Farmingdale,NY
Lab ID: 0310162-01A

Client Sample ID: Distribution Box 8 ft.
Tag Number:
Collection Date: 10/27/2003
Matrix: SOIL

↓ is part of sanitary system

If it can go out cheaper Keep it separate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,1,1-Trichloroethane	37000	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,1,2,2-Tetrachloroethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,1,2-Trichloroethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,1-Dichloroethane	7500	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,1-Dichloroethene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,1-Dichloropropene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2,3-Trichlorobenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2,3-Trichloropropane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2,4,5-Tetramethylbenzene	2200	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2,4-Trichlorobenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2,4-Trimethylbenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2-Dibromo-3-chloropropane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2-Dibromoethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2-Dichlorobenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2-Dichloroethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,2-Dichloropropane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,3,5-Trimethylbenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,3-Dichlorobenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,3-dichloropropane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
1,4-Dichlorobenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
2,2-Dichloropropane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
2-Butanone	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
2-Chloroethyl vinyl ether	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
2-Chlorotoluene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
2-Hexanone	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
4-Chlorotoluene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
4-Isopropyltoluene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
4-Methyl-2-pentanone	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Acetone	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Acrolein	U	3100		µg/Kg	125	11/6/2003 1:46:00 AM
Acrylonitrile	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Benzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Bromobenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Bromochloromethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Bromodichloromethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Bromoform	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Bromomethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Carbon disulfide	U	620		µg/Kg	125	11/6/2003 1:46:00 AM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	Distribution Box 8 ft.
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: LDS
Carbon tetrachloride	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Chlorobenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Chlorodifluoromethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Chloroethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Chloroform	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Chloromethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
cis-1,2-Dichloroethene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
cis-1,3-Dichloropropene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Dibromochloromethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Dibromomethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Dichlorodifluoromethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Diisopropyl ether	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Ethanol	U	3100		µg/Kg	125	11/6/2003 1:46:00 AM
Ethyl acetate	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Ethylbenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Freon-114	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Hexachlorobutadiene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Isopropyl acetate	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Isopropylbenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
m,p-Xylene	U	1200		µg/Kg	125	11/6/2003 1:46:00 AM
Methyl tert-butyl ether	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Methylene chloride	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Naphthalene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
n-Butyl acetate	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
n-Butylbenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
n-Propyl acetate	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
n-Propylbenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
o-Xylene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
p-Diethylbenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
p-Ethyltoluene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
sec-Butylbenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Styrene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
t-Butyl alcohol	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
tert-Butylbenzene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Tetrachloroethene	17000	620		µg/Kg	125	11/6/2003 1:46:00 AM
Toluene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
trans-1,2-Dichloroethene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
trans-1,3-Dichloropropene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Trichloroethene	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Trichlorofluoromethane	U	620		µg/Kg	125	11/6/2003 1:46:00 AM

Qualifiers:

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J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	Distribution Box 8 ft.
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: LDS
Vinyl acetate	U	620		µg/Kg	125	11/6/2003 1:46:00 AM
Vinyl chloride	U	620		µg/Kg	125	11/6/2003 1:46:00 AM

Qualifiers:

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R - RPD outside accepted recovery limits
E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	Distribution Box 8 ft.
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-01B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	0.149	0.0100		mg/Kg	1	10/29/2003
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**(SW3550A)**		Analyst: **RN**
Fuel Oil #1	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
Fuel Oil #2	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
Fuel Oil #3	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
Fuel Oil #4	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
Fuel Oil #5	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
Fuel Oil #6	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
Hydraulic Fluid	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
Motor Oil Composite	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
SAE #30	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
Total DRO TPH	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
Unknown DRO TPH	U	10		mg/Kg	1	10/30/2003 7:11:00 PM
SCDH METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Arsenic	3.00	0.470		mg/Kg	1	10/29/2003 10:12:36 AM
Beryllium	U	0.376		mg/Kg	1	10/29/2003 10:12:36 AM
Cadmium	7.24	0.188		mg/Kg	1	10/29/2003 10:12:36 AM
Chromium	429	0.376		mg/Kg	1	10/29/2003 10:12:36 AM
Copper	1040	0.376		mg/Kg	1	10/29/2003 10:12:36 AM
Lead	69.0	0.282		mg/Kg	1	10/29/2003 10:12:36 AM
Nickel	1410	0.376		mg/Kg	1	10/29/2003 10:12:36 AM
Silver	12.0	0.376		mg/Kg	1	10/29/2003 10:12:36 AM
SEMIVOLATILES SW-846 8270(STARS)		**SW8270D**		**(SW3550A)**		Analyst: **RN**
Acenaphthene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Anthracene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Benzo(a)anthracene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Benzo(a)pyrene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Benzo(b)fluoranthene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Benzo(g,h,i)perylene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Benzo(k)fluoranthene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Chrysene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Dibenzo(a,h)anthracene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Fluoranthene	52	40		µg/Kg	1	10/31/2003 2:33:00 PM
Fluorene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Indeno(1,2,3-c,d)pyrene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Phenanthrene	U	40		µg/Kg	1	10/31/2003 2:33:00 PM
Pyrene	53	40		µg/Kg	1	10/31/2003 2:33:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	OF-1 8 ft.
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: LDS
1,1,1,2-Tetrachloroethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,1,1-Trichloroethane	3	5.0	J	µg/Kg	1	11/6/2003 12:33:00 AM
1,1,2,2-Tetrachloroethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,1,2-Trichloroethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,1-Dichloroethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,1-Dichloroethene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,1-Dichloropropene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2,3-Trichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2,3-Trichloropropane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2,4,5-Tetramethylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2,4-Trichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2,4-Trimethylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2-Dibromo-3-chloropropane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2-Dibromoethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2-Dichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2-Dichloroethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,2-Dichloropropane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,3,5-Trimethylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,3-Dichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,3-dichloropropane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
1,4-Dichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
2,2-Dichloropropane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
2-Butanone	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
2-Chloroethyl vinyl ether	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
2-Chlorotoluene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
2-Hexanone	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
4-Chlorotoluene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
4-Isopropyltoluene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
4-Methyl-2-pentanone	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Acetone	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Acrolein	U	25		µg/Kg	1	11/6/2003 12:33:00 AM
Acrylonitrile	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Benzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Bromobenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Bromochloromethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Bromodichloromethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Bromoform	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Bromomethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Carbon disulfide	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	OF-1 8 ft.
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Carbon tetrachloride	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Chlorobenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Chlorodifluoromethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Chloroethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Chloroform	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Chloromethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
cis-1,2-Dichloroethene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
cis-1,3-Dichloropropene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Dibromochloromethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Dibromomethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Dichlorodifluoromethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Diisopropyl ether	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Ethanol	U	25		µg/Kg	1	11/6/2003 12:33:00 AM
Ethyl acetate	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Ethylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Freon-114	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Hexachlorobutadiene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Isopropyl acetate	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Isopropylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
m,p-Xylene	U	10		µg/Kg	1	11/6/2003 12:33:00 AM
Methyl tert-butyl ether	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Methylene chloride	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Naphthalene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
n-Butyl acetate	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
n-Butylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
n-Propyl acetate	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
n-Propylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
o-Xylene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
p-Diethylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
p-Ethyltoluene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
sec-Butylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Styrene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
t-Butyl alcohol	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
tert-Butylbenzene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Tetrachloroethene	7.0	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Toluene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
trans-1,2-Dichloroethene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
trans-1,3-Dichloropropene	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Trichloroethene	2	5.0	J	µg/Kg	1	11/6/2003 12:33:00 AM
Trichlorofluoromethane	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	OF-1 8 ft.
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Vinyl acetate	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM
Vinyl chloride	U	5.0		µg/Kg	1	11/6/2003 12:33:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	OF-1 8 ft.
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-02B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: JP
Mercury	U	0.0100		mg/Kg	1	10/29/2003
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**(SW3550A)**		Analyst: RN
Fuel Oil #1	U	10		mg/Kg	1	10/30/2003 7:52:00 PM
Fuel Oil #2	U	10		mg/Kg	1	10/30/2003 7:52:00 PM
Fuel Oil #3	U	10		mg/Kg	1	10/30/2003 7:52:00 PM
Fuel Oil #4	U	10		mg/Kg	1	10/30/2003 7:52:00 PM
Fuel Oil #5	U	10		mg/Kg	1	10/30/2003 7:52:00 PM
Fuel Oil #6	U	10		mg/Kg	1	10/30/2003 7:52:00 PM
Hydraulic Fluid	U	10		mg/Kg	1	10/30/2003 7:52:00 PM
Motor Oil Composite	U	10		mg/Kg	1	10/30/2003 7:52:00 PM
SAE #30	U	10		mg/Kg	1	10/30/2003 7:52:00 PM
Total DRO TPH	22	10		mg/Kg	1	10/30/2003 7:52:00 PM
Unknown DRO TPH	22	10		mg/Kg	1	10/30/2003 7:52:00 PM
SCDH METALS		**SW6010B**		**(SW3050A)**		Analyst: JP
Arsenic	0.544	0.483		mg/Kg	1	10/29/2003 10:16:16 AM
Beryllium	U	0.386		mg/Kg	1	10/29/2003 10:16:16 AM
Cadmium	0.194	0.193		mg/Kg	1	10/29/2003 10:16:16 AM
Chromium	8.71	0.386		mg/Kg	1	10/29/2003 10:16:16 AM
Copper	47.2	0.386		mg/Kg	1	10/29/2003 10:16:16 AM
Lead	2.69	0.290		mg/Kg	1	10/29/2003 10:16:16 AM
Nickel	16.5	0.386		mg/Kg	1	10/29/2003 10:16:16 AM
Silver	U	0.386		mg/Kg	1	10/29/2003 10:16:16 AM
SEMIVOLATILES SW-846 8270(STARS)		**SW8270D**		**(SW3550A)**		Analyst: RN
Acenaphthene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Anthracene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Benzo(a)anthracene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Benzo(a)pyrene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Benzo(b)fluoranthene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Benzo(g,h,i)perylene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Benzo(k)fluoranthene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Chrysene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Dibenzo(a,h)anthracene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Fluoranthene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Fluorene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Indeno(1,2,3-c,d)pyrene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Phenanthrene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM
Pyrene	U	40		µg/Kg	1	10/31/2003 3:09:00 PM

Qualifiers:

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R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-1 (16-17 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: LDS
1,1,1,2-Tetrachloroethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,1,1-Trichloroethane	300	620	J	µg/Kg	125	11/6/2003 2:22:00 AM
1,1,2,2-Tetrachloroethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,1,2-Trichloroethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,1-Dichloroethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,1-Dichloroethene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,1-Dichloropropene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2,3-Trichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2,3-Trichloropropane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2,4,5-Tetramethylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2,4-Trichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2,4-Trimethylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2-Dibromo-3-chloropropane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2-Dibromoethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2-Dichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2-Dichloroethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,2-Dichloropropane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,3,5-Trimethylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,3-Dichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,3-dichloropropane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
1,4-Dichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
2,2-Dichloropropane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
2-Butanone	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
2-Chloroethyl vinyl ether	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
2-Chlorotoluene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
2-Hexanone	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
4-Chlorotoluene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
4-Isopropyltoluene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
4-Methyl-2-pentanone	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Acetone	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Acrolein	U	3100		µg/Kg	125	11/6/2003 2:22:00 AM
Acrylonitrile	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Benzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Bromobenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Bromochloromethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Bromodichloromethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Bromoform	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Bromomethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Carbon disulfide	U	620		µg/Kg	125	11/6/2003 2:22:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-1 (16-17 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Carbon tetrachloride	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Chlorobenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Chlorodifluoromethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Chloroethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Chloroform	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Chloromethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
cis-1,2-Dichloroethene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
cis-1,3-Dichloropropene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Dibromochloromethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Dibromomethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Dichlorodifluoromethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Diisopropyl ether	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Ethanol	U	3100		µg/Kg	125	11/6/2003 2:22:00 AM
Ethyl acetate	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Ethylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Freon-114	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Hexachlorobutadiene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Isopropyl acetate	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Isopropylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
m,p-Xylene	U	1200		µg/Kg	125	11/6/2003 2:22:00 AM
Methyl tert-butyl ether	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Methylene chloride	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Naphthalene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
n-Butyl acetate	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
n-Butylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
n-Propyl acetate	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
n-Propylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
o-Xylene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
p-Diethylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
p-Ethyltoluene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
sec-Butylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Styrene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
t-Butyl alcohol	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
tert-Butylbenzene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Tetrachloroethene	400	620	J	µg/Kg	125	11/6/2003 2:22:00 AM
Toluene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
trans-1,2-Dichloroethene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
trans-1,3-Dichloropropene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Trichloroethene	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Trichlorofluoromethane	U	620		µg/Kg	125	11/6/2003 2:22:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-1 (16-17 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Vinyl acetate	U	620		µg/Kg	125	11/6/2003 2:22:00 AM
Vinyl chloride	U	620		µg/Kg	125	11/6/2003 2:22:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-1 (16-17 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-03B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	U	0.0100		mg/Kg	1	10/29/2003
SCDH METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Arsenic	1.35	0.458		mg/Kg	1	10/29/2003 10:19:24 AM
Beryllium	U	0.366		mg/Kg	1	10/29/2003 10:19:24 AM
Cadmium	U	0.183		mg/Kg	1	10/29/2003 10:19:24 AM
Chromium	6.95	0.366		mg/Kg	1	10/29/2003 10:19:24 AM
Copper	3.82	0.366		mg/Kg	1	10/29/2003 10:19:24 AM
Lead	2.86	0.275		mg/Kg	1	10/29/2003 10:19:24 AM
Nickel	7.88	0.366		mg/Kg	1	10/29/2003 10:19:24 AM
Silver	U	0.366		mg/Kg	1	10/29/2003 10:19:24 AM
SEMIVOLATILES SW-846 8270(STARS)		**SW8270D**		**(SW3550A)**		Analyst: **RN**
Acenaphthene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Anthracene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Benzo(a)anthracene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Benzo(a)pyrene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Benzo(b)fluoranthene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Benzo(g,h,i)perylene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Benzo(k)fluoranthene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Chrysene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Dibenzo(a,h)anthracene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Fluoranthene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Fluorene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Indeno(1,2,3-c,d)pyrene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Phenanthrene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM
Pyrene	U	40		µg/Kg	1	10/30/2003 8:03:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-5 (10-12 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,1,1-Trichloroethane	500	620	J	µg/Kg	125	11/6/2003 2:59:00 AM
1,1,2,2-Tetrachloroethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,1,2-Trichloroethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,1-Dichloroethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,1-Dichloroethene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,1-Dichloropropene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2,3-Trichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2,3-Trichloropropane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2,4,5-Tetramethylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2,4-Trichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2,4-Trimethylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2-Dibromo-3-chloropropane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2-Dibromoethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2-Dichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2-Dichloroethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,2-Dichloropropane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,3,5-Trimethylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,3-Dichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,3-dichloropropane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
1,4-Dichlorobenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
2,2-Dichloropropane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
2-Butanone	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
2-Chloroethyl vinyl ether	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
2-Chlorotoluene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
2-Hexanone	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
4-Chlorotoluene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
4-Isopropyltoluene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
4-Methyl-2-pentanone	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Acetone	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Acrolein	U	3100		µg/Kg	125	11/6/2003 2:59:00 AM
Acrylonitrile	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Benzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Bromobenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Bromochloromethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Bromodichloromethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Bromoform	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Bromomethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Carbon disulfide	U	620		µg/Kg	125	11/6/2003 2:59:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-5 (10-12 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Carbon tetrachloride	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Chlorobenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Chlorodifluoromethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Chloroethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Chloroform	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Chloromethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
cis-1,2-Dichloroethene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
cis-1,3-Dichloropropene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Dibromochloromethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Dibromomethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Dichlorodifluoromethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Diisopropyl ether	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Ethanol	U	3100		µg/Kg	125	11/6/2003 2:59:00 AM
Ethyl acetate	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Ethylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Freon-114	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Hexachlorobutadiene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Isopropyl acetate	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Isopropylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
m,p-Xylene	U	1200		µg/Kg	125	11/6/2003 2:59:00 AM
Methyl tert-butyl ether	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Methylene chloride	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Naphthalene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
n-Butyl acetate	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
n-Butylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
n-Propyl acetate	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
n-Propylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
o-Xylene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
p-Diethylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
p-Ethyltoluene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
sec-Butylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Styrene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
t-Butyl alcohol	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
tert-Butylbenzene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Tetrachloroethene	9700	620		µg/Kg	125	11/6/2003 2:59:00 AM
Toluene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
trans-1,2-Dichloroethene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
trans-1,3-Dichloropropene	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Trichloroethene	780	620		µg/Kg	125	11/6/2003 2:59:00 AM
Trichlorofluoromethane	U	620		µg/Kg	125	11/6/2003 2:59:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-5 (10-12 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Vinyl acetate	U	620		µg/Kg	125	11/6/2003 2:59:00 AM
Vinyl chloride	U	620		µg/Kg	125	11/6/2003 2:59:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-5 (10-12 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-04B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: JP
Mercury	U	0.0100		mg/Kg	1	10/29/2003
SCDH METALS		**SW6010B**		**(SW3050A)**		Analyst: JP
Arsenic	0.42	0.427	J	mg/Kg	1	10/29/2003 10:21:57 AM
Beryllium	U	0.341		mg/Kg	1	10/29/2003 10:21:57 AM
Cadmium	U	0.171		mg/Kg	1	10/29/2003 10:21:57 AM
Chromium	1.79	0.341		mg/Kg	1	10/29/2003 10:21:57 AM
Copper	1.34	0.341		mg/Kg	1	10/29/2003 10:21:57 AM
Lead	0.593	0.256		mg/Kg	1	10/29/2003 10:21:57 AM
Nickel	0.927	0.341		mg/Kg	1	10/29/2003 10:21:57 AM
Silver	U	0.341		mg/Kg	1	10/29/2003 10:21:57 AM
SEMIVOLATILES SW-846 8270(STARS)		**SW8270D**		**(SW3550A)**		Analyst: RN
Acenaphthene	U	40		µg/Kg	1	10/30/2003 8:39:00 PM
Anthracene	U	40		µg/Kg	1	10/30/2003 8:39:00 PM
Benzo(a)anthracene	94	40		µg/Kg	1	10/30/2003 8:39:00 PM
Benzo(a)pyrene	88	40		µg/Kg	1	10/30/2003 8:39:00 PM
Benzo(b)fluoranthene	89	40		µg/Kg	1	10/30/2003 8:39:00 PM
Benzo(g,h,i)perylene	U	40		µg/Kg	1	10/30/2003 8:39:00 PM
Benzo(k)fluoranthene	67	40		µg/Kg	1	10/30/2003 8:39:00 PM
Chrysene	120	40		µg/Kg	1	10/30/2003 8:39:00 PM
Dibenzo(a,h)anthracene	U	40		µg/Kg	1	10/30/2003 8:39:00 PM
Fluoranthene	240	40		µg/Kg	1	10/30/2003 8:39:00 PM
Fluorene	U	40		µg/Kg	1	10/30/2003 8:39:00 PM
Indeno(1,2,3-c,d)pyrene	U	40		µg/Kg	1	10/30/2003 8:39:00 PM
Phenanthrene	94	40		µg/Kg	1	10/30/2003 8:39:00 PM
Pyrene	200	40		µg/Kg	1	10/30/2003 8:39:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-6 (8-9 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,1,1-Trichloroethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,1,2,2-Tetrachloroethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,1,2-Trichloroethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,1-Dichloroethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,1-Dichloroethene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,1-Dichloropropene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2,3-Trichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2,3-Trichloropropane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2,4,5-Tetramethylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2,4-Trichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2,4-Trimethylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2-Dibromo-3-chloropropane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2-Dibromoethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2-Dichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2-Dichloroethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,2-Dichloropropane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,3,5-Trimethylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,3-Dichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,3-dichloropropane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
1,4-Dichlorobenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
2,2-Dichloropropane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
2-Butanone	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
2-Chloroethyl vinyl ether	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
2-Chlorotoluene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
2-Hexanone	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
4-Chlorotoluene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
4-Isopropyltoluene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
4-Methyl-2-pentanone	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Acetone	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Acrolein	U	25		µg/Kg	1	11/6/2003 1:09:00 AM
Acrylonitrile	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Benzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Bromobenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Bromochloromethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Bromodichloromethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Bromoform	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Bromomethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Carbon disulfide	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-6 (8-9 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: LDS
Carbon tetrachloride	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Chlorobenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Chlorodifluoromethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Chloroethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Chloroform	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Chloromethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
cis-1,2-Dichloroethene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
cis-1,3-Dichloropropene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Dibromochloromethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Dibromomethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Dichlorodifluoromethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Diisopropyl ether	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Ethanol	U	25		µg/Kg	1	11/6/2003 1:09:00 AM
Ethyl acetate	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Ethylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Freon-114	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Hexachlorobutadiene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Isopropyl acetate	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Isopropylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
m,p-Xylene	U	10		µg/Kg	1	11/6/2003 1:09:00 AM
Methyl tert-butyl ether	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Methylene chloride	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Naphthalene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
n-Butyl acetate	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
n-Butylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
n-Propyl acetate	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
n-Propylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
o-Xylene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
p-Diethylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
p-Ethyltoluene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
sec-Butylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Styrene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
t-Butyl alcohol	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
tert-Butylbenzene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Tetrachloroethene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Toluene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
trans-1,2-Dichloroethene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
trans-1,3-Dichloropropene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Trichloroethene	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Trichlorofluoromethane	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-6 (8-9 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Vinyl acetate	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM
Vinyl chloride	U	5.0		µg/Kg	1	11/6/2003 1:09:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-6 (8-9 ft.)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-05B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: JP
Mercury	U	0.0100		mg/Kg	1	10/29/2003
SCDH METALS		**SW6010B**		**(SW3050A)**		Analyst: JP
Arsenic	0.657	0.445		mg/Kg	1	10/29/2003 10:25:03 AM
Beryllium	U	0.356		mg/Kg	1	10/29/2003 10:25:03 AM
Cadmium	U	0.178		mg/Kg	1	10/29/2003 10:25:03 AM
Chromium	1.44	0.356		mg/Kg	1	10/29/2003 10:25:03 AM
Copper	1.26	0.356		mg/Kg	1	10/29/2003 10:25:03 AM
Lead	0.710	0.267		mg/Kg	1	10/29/2003 10:25:03 AM
Nickel	1.27	0.356		mg/Kg	1	10/29/2003 10:25:03 AM
Silver	U	0.356		mg/Kg	1	10/29/2003 10:25:03 AM
SEMIVOLATILES SW-846 8270(STARS)		**SW8270D**		**(SW3550A)**		Analyst: RN
Acenaphthene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Anthracene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Benzo(a)anthracene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Benzo(a)pyrene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Benzo(b)fluoranthene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Benzo(g,h,i)perylene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Benzo(k)fluoranthene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Chrysene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Dibenzo(a,h)anthracene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Fluoranthene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Fluorene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Indeno(1,2,3-c,d)pyrene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Phenanthrene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM
Pyrene	U	40		µg/Kg	1	10/31/2003 1:58:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	GW-1 (14 ft)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-06A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,1,1-Trichloroethane	95	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,1-Dichloroethane	17	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
2-Butanone	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
2-Hexanone	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Acetone	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Acrolein	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Acrylonitrile	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Benzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Bromobenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Bromochloromethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Bromodichloromethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Bromoform	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Bromomethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Carbon disulfide	U	1.0		µg/L	1	10/31/2003 7:21:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	GW-1 (14 ft)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-06A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Carbon tetrachloride	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Chlorobenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Chlorodifluoromethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Chloroethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Chloroform	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Chloromethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
cis-1,2-Dichloroethene	48	1.0		µg/L	1	10/31/2003 7:21:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Dibromochloromethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Dibromomethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Diisopropyl ether	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Ethanol	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Ethyl acetate	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Ethylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Freon-114	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Isopropyl acetate	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Isopropylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
m,p-Xylene	U	2.0		µg/L	1	10/31/2003 7:21:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Methylene chloride	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Naphthalene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
n-Butyl acetate	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
n-Butylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
n-Propyl acetate	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
n-Propylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
o-Xylene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
p-Diethylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
p-Ethyltoluene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Styrene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
t-Butyl alcohol	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Tetrachloroethene	280	1.0		µg/L	1	10/31/2003 7:21:00 PM
Toluene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Trichloroethene	200	1.0		µg/L	1	10/31/2003 7:21:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	10/31/2003 7:21:00 PM

Qualifiers:

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J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	GW-1 (14 ft)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-06A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Vinyl acetate	U	1.0		µg/L	1	10/31/2003 7:21:00 PM
Vinyl chloride	U	1.0		µg/L	1	10/31/2003 7:21:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	GW-1 (14 ft)
Lab Order:	0310162	**Tag Number:**	
Project:	1966 E. Broad Hollow Rd.,Farmingdale,NY	**Collection Date:**	10/27/2003
Lab ID:	0310162-06B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7470		**SW7470A**				Analyst: **JP**
Mercury	U	0.000200		mg/L	1	10/29/2003
SCDH METALS		**SW6010B**		**(SW3010A)**		Analyst: **JP**
Arsenic	0.020	0.0250	J	mg/L	1	10/29/2003 10:32:17 AM
Beryllium	U	0.0200		mg/L	1	10/29/2003 10:32:17 AM
Cadmium	U	0.0100		mg/L	1	10/29/2003 10:32:17 AM
Chromium	U	0.0200		mg/L	1	10/29/2003 10:32:17 AM
Copper	0.0069	0.0200	J	mg/L	1	10/29/2003 10:32:17 AM
Lead	U	0.0150		mg/L	1	10/29/2003 10:32:17 AM
Nickel	0.0051	0.0200	J	mg/L	1	10/29/2003 10:32:17 AM
Silver	U	0.0200		mg/L	1	10/29/2003 10:32:17 AM
SEMIVOLATILES SW-846 8270(STARS)		**SW8270D**		**(SW3510)**		Analyst: **RN**
Acenaphthene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Anthracene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Benzo(a)anthracene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Benzo(a)pyrene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Benzo(b)fluoranthene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Benzo(g,h,i)perylene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Benzo(k)fluoranthene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Chrysene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Dibenzo(a,h)anthracene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Fluoranthene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Fluorene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Indeno(1,2,3-c,d)pyrene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Phenanthrene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM
Pyrene	U	5.0		µg/L	1	11/3/2003 1:23:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

November 06, 2003

Rick Spadalik
AARCO
10 Grand Boulevard Suite 3
Deer Park, NY 11729
TEL: (631) 586-5900
FAX (631) 586-5910

RE: 1966 E.Broad Hollow Rd. E. Farmingdale,

Order No.: 0310167

Dear Rick Spadalik:

American Analytical Laboratories, Inc. received 1 sample on 10/28/2003 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT: AARCO
Project: 1966 E.Broad Hollow Rd. E. Farmingdale, NY
Lab Order: 0310167

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0310167-01A	SB-8 9-10 ft.		10/28/2003	10/28/2003
0310167-01B	SB-8 9-10 ft.		10/28/2003	10/28/2003

AMERICAN ANALYTICAL LABORATORIES, INC.
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027 • email: lbeyer@american-analytical.com

NYSDOH	ELAP	1
CTDOH	PH-0205	
NJDEP	NY050	
PADEP	68-573	

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: AARCo GRAND BLVD

CONTACT: Jill H.

SAMPLER (SIGNATURE): DATE: 10/28/03 TIME: 1130

SAMPLER NAME (PRINT): Jill Hanna

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: 1966 E. Broad Hollow Rd E. Farmingdale NY

ANALYSIS REQUIRED: SC List VOCs; SC List SVOCs; SC List Metals

FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	SC List VOCs	SC List SVOCs	SC List Metals
0310167-01B	S	G	ICE	SB-8 9-10 ft	1	1	1

COOLER TEMPERATURE:

COMMENTS / INSTRUCTIONS

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL

TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: NORMAL ☐ STAT ☐ BY / /

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	DATE 10/28/03 TIME 1130	Jill Hanna		DATE 10-28-3 TIME 1130	Larry Singh
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, INC.
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-8 9-10 ft.
Lab Order:	0310167	**Tag Number:**	
Project:	1966 E.Broad Hollow Rd. E. Farmingdale, NY	**Collection Date:**	10/28/2003
Lab ID:	0310167-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,1,1-Trichloroethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,1,2,2-Tetrachloroethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,1,2-Trichloroethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,1-Dichloroethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,1-Dichloroethene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,1-Dichloropropene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2,3-Trichlorobenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2,3-Trichloropropane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2,4,5-Tetramethylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2,4-Trichlorobenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2,4-Trimethylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2-Dibromo-3-chloropropane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2-Dibromoethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2-Dichlorobenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2-Dichloroethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,2-Dichloropropane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,3,5-Trimethylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,3-Dichlorobenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,3-dichloropropane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
1,4-Dichlorobenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
2,2-Dichloropropane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
2-Butanone	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
2-Chloroethyl vinyl ether	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
2-Chlorotoluene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
2-Hexanone	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
4-Chlorotoluene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
4-Isopropyltoluene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
4-Methyl-2-pentanone	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Acetone	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Acrolein	U	25		µg/Kg	1	10/31/2003 12:52:00 AM
Acrylonitrile	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Benzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Bromobenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Bromochloromethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Bromodichloromethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Bromoform	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Bromomethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Carbon disulfide	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM

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R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-8 9-10 ft.
Lab Order:	0310167	**Tag Number:**	
Project:	1966 E.Broad Hollow Rd. E. Farmingdale, NY	**Collection Date:**	10/28/2003
Lab ID:	0310167-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Carbon tetrachloride	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Chlorobenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Chlorodifluoromethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Chloroethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Chloroform	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Chloromethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
cis-1,2-Dichloroethene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
cis-1,3-Dichloropropene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Dibromochloromethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Dibromomethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Dichlorodifluoromethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Diisopropyl ether	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Ethanol	U	25		µg/Kg	1	10/31/2003 12:52:00 AM
Ethyl acetate	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Ethylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Freon-114	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Hexachlorobutadiene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Isopropyl acetate	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Isopropylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
m,p-Xylene	U	10		µg/Kg	1	10/31/2003 12:52:00 AM
Methyl tert-butyl ether	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Methylene chloride	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Naphthalene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
n-Butyl acetate	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
n-Butylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
n-Propyl acetate	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
n-Propylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
o-Xylene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
p-Diethylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
p-Ethyltoluene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
sec-Butylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Styrene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
t-Butyl alcohol	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
tert-Butylbenzene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Tetrachloroethene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Toluene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
trans-1,2-Dichloroethene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
trans-1,3-Dichloropropene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Trichloroethene	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Trichlorofluoromethane	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM

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American Analytical Laboratories, Inc.

Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-8 9-10 ft.
Lab Order:	0310167	**Tag Number:**	
Project:	1966 E.Broad Hollow Rd. E. Farmingdale, NY	**Collection Date:**	10/28/2003
Lab ID:	0310167-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Vinyl acetate	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM
Vinyl chloride	U	5.0		µg/Kg	1	10/31/2003 12:52:00 AM

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Date: *06-Nov-03*

CLIENT:	AARCO	**Client Sample ID:**	SB-8 9-10 ft.
Lab Order:	0310167	**Tag Number:**	
Project:	1966 E.Broad Hollow Rd. E. Farmingdale, NY	**Collection Date:**	10/28/2003
Lab ID:	0310167-01B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: JP
Mercury	U	0.0100		mg/Kg	1	10/30/2003
SCDH METALS		**SW6010B**		**(SW3050A)**		Analyst: JP
Arsenic	U	0.451		mg/Kg	1	10/30/2003 1:45:38 PM
Beryllium	U	0.361		mg/Kg	1	10/30/2003 1:45:38 PM
Cadmium	U	0.181		mg/Kg	1	10/30/2003 1:45:38 PM
Chromium	2.40	0.361		mg/Kg	1	10/30/2003 1:45:38 PM
Copper	1.06	0.361		mg/Kg	1	10/30/2003 1:45:38 PM
Lead	0.545	0.271		mg/Kg	1	10/30/2003 1:45:38 PM
Nickel	0.753	0.361		mg/Kg	1	10/30/2003 1:45:38 PM
Silver	U	0.361		mg/Kg	1	10/30/2003 1:45:38 PM
SEMIVOLATILES SW-846 8270(STARS)		**SW8270D**		**(SW3550A)**		Analyst: RN
Acenaphthene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Anthracene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Benzo(a)anthracene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Benzo(a)pyrene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Benzo(b)fluoranthene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Benzo(g,h,i)perylene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Benzo(k)fluoranthene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Chrysene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Dibenzo(a,h)anthracene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Fluoranthene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Fluorene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Indeno(1,2,3-c,d)pyrene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Phenanthrene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM
Pyrene	U	40		µg/Kg	1	10/31/2003 8:13:00 PM

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