PHASE I
ENVIRONMENTAL SITE ASSESSMENT

for property known as the:

Former Mill Neck Marina
Hernan Avenue
Locust Valley, New York

Prepared for:

The Town of Oyster Bay
Office of the Supervisor
Town Hall
Oyster Bay, New York 11771

February 20, 2002

Prepared by:

Cashin Associates, P.C.

Engineering • Planning • Construction Management

1200 Veterans Memorial Highway, Hauppauge, New York 11788 - (631) 348-7600
601 Brickell Key Drive, Suite 606, Miami, Florida 33131 - (305) 579-2006

PHASE I ENVIRONMENTAL SITE ASSESSMENT

FOR THE PROPERTY LOCATED AT:

FORMER MILL NECK MARINA PROPERTY
HERNAN AVENUE
LOCUST VALLEY, NEW YORK 11560

PREPARED FOR:

TOWN OF OYSTER BAY
OFFICE OF THE SUPERVISOR
TOWN HALL
OYSTER BAY, NEW YORK 11771-1592

PREPARED BY:

CASHIN ASSOCIATES, P.C.
1200 VETERANS MEMORIAL HIGHWAY
HAUPPAUGE, NEW YORK 11788

4061.02

FEBRUARY 20, 2002

TABLE OF CONTENTS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

FOR THE PROPERTY FORMERLY OCCUPIED BY THE MILL NECK MARINA LOCATED AT:

TERMINUS OF HERNAN AVENUE
LOCUST VALLEY, NEW YORK 11560

1.0 INTRODUCTION & METHODOLOGY

1.1 Purpose of the Phase I Environmental Assessment

This report outlines the findings of a Phase I Environmental Assessment conducted by Cashin Associates, P.C. (CA) for the former Mill Neck Marina property located at the terminus of Hernan Avenue in Locust Valley, New York. The subject property covers a total of approximately 1.4 acres of land, which presently is vacant, and comprises a total of 23 individual tax lots on the Nassau County Land and Tax Map, as enumerated in Section 2.1 of this report.

This report has been prepared in accordance with the recommended guidelines as presented in American Society for Testing Materials (ASTM) E 1527-00, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The goal of this assessment is to identify recognized environmental conditions on the site, as defined by ASTM E 1527-00. The term recognized environmental conditions means the presence or likely presence of any

hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

1.2 Methodology

The methodology of this assessment consists of four basic components, as recommended in ASTM E 1527-00, plus the completion of several additional tasks provided by CA, as part of the evaluation of "Business Environmental Risk", as defined under ASTM. This methodology is summarized below.

1.2.1 Records Review

A search of available records is performed to obtain and review information that will help to identify recognized environmental conditions in connection with the property. Records are reviewed for the site itself as well as for the area around the site within a minimum search distance recommended by ASTM E 1527-00. This records review includes standard Federal and State environmental record sources such as the Federal National Priorities List (NPL), Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), Resource Conservation and

Recovery Act (RCRA) Generator, Emergency Response Notification System (ERNS), and other lists, and State Solid Waste Facility, Petroleum and Chemical Bulk Storage, and State (and local) spills.

Additional records review includes the evaluation of current or historical recognized environmental concerns through the following sources:

- The current United States Geologic Survey (USGS) 7.5-Minute Topographic Map and other physical setting maps.
- Historical use maps, such as the Sanborn Fire Insurance maps, if available.
- Historical Aerial Photographs.
- Other historical land use records.
- Local municipal building department records.
- Other municipal agency records.

1.2.2 Site Reconnaissance

A site visit is performed to visually and physically observe the site and any associated structures, facilities, or materials on the site, to obtain information on the likelihood of identifying recognized environmental conditions, as recommended by ASTM E 1527-00 Section 8. A general reconnaissance of

surrounding properties is also performed to determine the potential of off-site conditions to affect the subject site. A list of references utilized for this assessment is provided in Section 6.

The site visit conducted by CA for this property was performed by a team of qualified environmental personal, including a New York State licensed asbestos inspector. The site visit includes inspection for potential recognized environmental concerns including: presence of hazardous substance and petroleum products; storage tanks; drums and other containers for hazardous materials; PCB-containing equipment; drains; sumps; stained soil and pavement; stressed vegetation; solid waste; liquid wastes; and on-site septic systems. The site visit was also conducted to obtain field information on general site geologic conditions, topography, utility supplies, and nature/condition of any on-site structures, facilities and equipment.

1.2.3 Interviews with Owners, Occupants and Other Knowledgeable Individuals

Interviews are conducted to obtain information relating to current and former site uses, site history, and possible environmental conditions associated with the site. In general, individuals interviewed as part of this work include: current owner/owner's representative; key site manager; occupants/tenants

for commercial uses on the site. A list of contacts made for this assessment is provided in Section 6.

1.2.4 Business Environmental Risk Investigations

Although not within the scope of ASTM E 1527-00 for recognized environmental concerns, the environmental assessment prepared by CA includes an evaluation of several additional environmental issues to provide an evaluation of Business Environmental Risk, as identified under the ASTM practice as warranted for consideration by parties to a commercial real estate transaction. This evaluation is not intended to provide a thorough or comprehensive analysis of the respective conditions, but instead provide a preliminary indication of the potential for conditions of concern. These additional tasks include:

- A preliminary visual inspection of the site and any building interiors to determine if friable asbestos-containing building materials (ACM) may be present. If appropriate, samples of suspected ACM are collected for laboratory analysis.

- A preliminary inspection for major sources of electromagnetic fields (e.g. high tension wires, electrical sub-stations, etc.).

- Determination of the potential for existence of radon in soil at the subject site.
- A preliminary visual inspection of painted surfaces to determine if lead-based paint may be present. If appropriate, samples of suspected lead-based paint are collected for laboratory analysis.
- Review of area maps to determine if wetlands, flood plains, and other environmentally sensitive areas are present on the site.

1.2.5 Evaluation and Report Preparation

The information obtained under the above tasks is evaluated to assess recognized environmental conditions associated with the subject site. This report represents the end product of this analysis, and contains a summary of findings and recommendations. Recommendations for Phase II work are also provided as appropriate. Documentation including references, test results, maps and other important materials are presented as appendices.

1.2.6 Exceptions to ASTM E 1527-00

This report complies with the recommendations of ASTM E 1527-00, with no exceptions.

1.2.7 Assessment Limitations

As specified in ASTM E 1527-00, Section 4.5.1, an environmental site assessment cannot wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of the assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the property, within reasonable limits of time and cost. The Phase I Environmental Site Assessment is a visual, non-intrusive assessment where investigation includes review of records, interviews with site personnel and inspection of visible conditions. The conclusions of the assessment are based upon readily accessible and visible areas. No conclusions are provided on items hidden behind construction or completely underground and without visible evidence.

2.0 SITE DESCRIPTION AND HISTORY

The following site description is based upon a field inspection that was conducted on January 24, 2002, by a team of qualified environmental personal, including a New York State licensed asbestos inspector. This description is also based on CA's review of the USGS 7.5-Minute Topographical Map and other physical setting sources including soil type maps, geological reports and road maps. Permission to access the site was obtained verbally by telephone from the current owners, Mr Harvey Weisman and Mr. Michael Petracca.

2.1 Site Location and Description

The subject parcel comprises 1.4 acres of land, as determined on the basis of dimensions provided on the Nassau County Land and Tax Map. The site is located on the north side of Hernan Avenue and the west side of Oak Neck Creek, in Locust Valley, Town of Oyster Bay, Nassau County, New York. A location map is provided in Appendix I.

The subject property consists of a total of 23 individual tax lots on the Nassau County Land and Tax Map, listed as follows:

Section 29, Block 39, Lots 313-321, and 327-331; and

Section 29, Block 40, Lots 334-338, 345, 348, 446, and 546.

As shown in the lot map included in Appendix I, the subject property consists of three distinct groupings of lots. The 14 lots in Block 39 are separated from the lots in Block 40 by the Meadow Street right-of-way. Within Block 40, Lots 334 through 338, and 348 front on Hernan Avenue and are separated from Lots 345, 446 and 546 by an out-parcel (consisting of Lots 339 through 344) which is not included in the land being examined under the current investigation. Lots 345, 348, 446, and 546 on the subject property have shoreline on Oak Neck Creek, which is a tributary of Mill Neck Creek.

2.2 Present Use(s) of the Site

Present site uses were determined on the basis of a field inspection conducted by CA on January 24, 2002. Weather conditions at that time were rainy, with temperatures in the 40s (Fahrenheit).

The subject property is vacant, as depicted in the site photographs provided in Appendix II. There currently are no retail, manufacturing or industrial operations, or buildings of any kind, located on the site. The shoreline area within the small inlet in the northeast corner of the site contains deteriorated wooden walkways and docking structures, and the remnants of vessel-launching facilities, which comprise the only recognizable structures remaining from prior uses.

The subject parcel consists of areas of weedy vegetative growth with scattered small trees, and disturbed soils. The common reed, *Phragmites*, covers significant portions of the site away from the immediate vicinity of the shoreline, indicting the occurrence of extensive areas of wet soils on this low-lying land. Marsh grasses (*Spartina*) fringe the shoreline on the eastern side of the property. Mounds of fill material are present on the western side of the site, adjacent to the neighboring residential properties.

Miscellaneous debris was observed on the site during CA's site investigation. This includes scattered piles of bricks, asphalt, concrete, metal, wood, fiberglass, bottles, and similar materials, as well as a metal boat trailer and wooden rowboat. CA also observed two metal cylinders, which appeared to be pneumatic or water tanks. No hazardous substances were observed among the on-site debris examined by CA.

Various construction and demolition materials (e.g., bricks, asphalt, stone, and concrete) were observed within the soil substrate on the subject property. These conditions indicate that the site (including the Meadow Street right-of-way and the out-parcels in Block 40) has received fill material, which was spread fairly evenly across the surface. Silt fencing, in fairly good condition, was observed in the vicinity of the shoreline in the southeast corner of the site, suggesting relatively recent activity on the site, possibly associated with the removal of the buildings which previously were present at this location.

Timber retaining walls occur along the westerly edge of the subject property, separating the site from the more elevated, adjoining residential parcels. At some locations, these retaining walls have deteriorated to the point that the soil from the residential lots is eroding onto the subject property.

As discussed in Section 2.1, the property that is the subject of this investigation does not comprise a single, contiguous parcel of land. The subject property is partitioned into three separate groupings of lots by a roadway right-of-way (Meadow Street) and an out-parcel which extends eastward from this right-of-way to the shoreline. Lacking an in-the-field delineation of property lines, it was difficult at times to determine precisely whether certain conditions pertained to the subject property or to adjoining lands. However, since the direct field observations by CA did not reveal any significant, recognized environmental conditions on the site, the distinction between the parcels was not considered to be critical for the purposes of this investigation.

2.3 Surrounding Land Use

The subject property is located adjacent to a suburban neighborhood of single-family residential homes. The land uses immediately adjacent to the site consist primarily of single-family residential dwellings (to the north, west and south across Hernan Avenue), with frontage on the marine waters of Oak Neck Creek to the east. The

main body of Oyster Bay Harbor is located approximately one mile to the east of the subject property. Long Island Sound and Stehli Town Beach are located approximately one-half mile to the north. The Long Island Expressway is located approximately 9 miles to the south of the site.

2.4 Topography and Geological Setting

A review of the USGS topographic map (Bayville Quadrangle) reveals that the subject property has an elevation which ranges from 0 (at the shoreline) to a maximum of approximately 20 feet above sea level in the southwest corner of the site, in an area that slopes gradually downward in a generally eastward direction.

The geology of the subject site consists of a thick layer of loose and permeable glacial sediments, consisting of gravel, sand and clay layers, which overlays thick layers of Cretaceous age unconsolidated deposits. These unconsolidated sediments overlay metamorphic rocks of Precambrian Age. Several groundwater aquifers exist in the unconsolidated sediments, the shallowest of which is the Upper Glacial Aquifer. Although the Upper Glacial Aquifer is not utilized by the local water supply company for drinking water due to regional pollution, the next lowest aquifer, the Magothy Aquifer, is utilized for domestic water supply.

The water table at the subject site is shallow, due to the proximity of the marine waters of Oak Neck Creek. Groundwater occurs at the land surface along the shoreline, and is not expected to be deeper than about ten feet at the highest elevations in the southwest corner of the site. The subject property exhibits shallow groundwater flow, which discharges eastward into Oak Neck Creek.

2.5 Site History

Site history was determined based on review of historical aerial photographs; interviews with Mr. Harvey Weisman, the owner of most of the subject property; and review of information in the files of the Town of Oyster Bay Building Division.

2.5.1 Information Obtained from Property Owner

Mr. Weisman indicated that he acquired the subject property in a tax lien sale from Nassau County in 1995, at which time the marina on the site had been abandoned and out of operation for several years.

Mr. Weisman stated that a marina operation commenced on the subject property about 50 to 75 years ago and that there was no development on the site prior to the marina. Subsequent to his acquisition of the site, Mr. Weisman proceeded with a cleanup to remove the marina building (on Lot

348) and a large number of derelict boats that had been abandoned on much of the remaining area on the site. To Mr. Weisman's knowledge, there were never any underground storage tanks on the site, which he suggested would have been impractical due to high groundwater levels. Subsurface sanitary structures reportedly were removed at the time of building demolition, as overseen by the Nassau County Department of Health. Several small aboveground storage tanks also were removed at that time, according to Mr. Weisman.

Mr. Weisman indicated that he was not aware of any prior Environmental Site Assessment investigations having been undertaken for the subject property. A series of soil borings was performed in 2000, but the analysis of those soils was limited to physical properties (e.g., texture and structural strength). Although the boring contractor reportedly did not observe conditions that would suggest contamination, such as petroleum odors or floating product, no samples collected at that time were submitted to laboratory testing for contaminants.

2.5.2 Historical Aerial Photograph Review

Historical aerial photographs were obtained from two sources:

- Environmental Data Resources, Inc. (EDR), of Southport, Connecticut - for the years 1953, 1966, 1974, 1980, and 1994. Because of the large scale of these photographs (1"=750'), some of the site details were difficult to discern.

- Aerographics Corp. of Bohemia, New York - for the years 1976, 1995, and 2000. The scale of the 1995 print is at 1"=400', while the other two prints are at 1"=100', allowing close examination of on-site conditions.

CA's review of historical aerial photographs, copies of which are included in Appendix V, revealed:

1953 The subject property appears on this aerial photograph to have been developed sometime before 1953 with a large commercial building (on Lot 348) and was being used for the outdoor storage of boats. The building appears in this photograph to be constructed in very close proximity to the waters of Oak Neck Creek. The surrounding area appears to consist primarily of woodlands, with scattered residential dwellings.

1966 Based on comparison of the 1953 photograph to the 1966 photograph, the east side of the subject property appears to have

been expanded with the placement of fill in Oak Neck Creek. The site also appears in this aerial photograph to have been used primarily for outdoor boat storage. The adjacent properties to the west appear to have been developed since 1953 with additional residential dwellings, as has the surrounding area.

1974-76 These photographs indicate that the subject property was further modified since 1966 with the excavation of an inlet area on the east side, along Oak Neck Creek. The adjacent properties to the north and south appear to have been further developed since 1966 with additional residential dwellings, as has the surrounding area. The out-parcel comprising Lots 332 and 333, located in the middle of the subject property, appears to have been developed since 1966 with a small commercial building.

1980 Comparison of the 1974 photograph to the 1980 photograph appears to show no significant changes to the subject property over this six-year period. The surrounding area appears on this photograph to have undergone minimal development since 1974 with residential dwellings.

1994-95 Comparison of the 1980 photograph to the 1994 and 1995 photographs appears to show no significant changes to the subject property or the surrounding neighborhood over this 15-year period.

2000 Comparison of the 1994-1995 photographs to the 2000 photograph shows no apparent change to the marina building. However, the number of boats on the site had been dramatically reduced over this time period. No other significant changes appear to have occurred on the subject property or in the surrounding neighborhood during this interval.

2002 Based on CA's January 2002 site inspection and comparison to the 2000 aerial photograph, the subject property has been modified significantly over the past two years with the removal of the large commercial building (on Lot 348) and the boats in outdoor storage, such that the subject property presently is vacant. No other significant changes were observed for subject property or the surrounding area between 2000 and 2002.

2.5.3 Review of Town of Oyster Bay Building Division File

On February 1, 2002, CA reviewed the files available at the Town of Oyster Bay Division of Buildings regarding the subject property. These files contained:

- a cesspool permit issued in 1957;
- a building permit for plumbing fixtures issued in 1958;
- a 1984 site plan showing a variety of improvements, including a metal "travel lift", new bulkhead, and floating dock on the canal in the northeast corner of the site, and an earthen dike along the shoreline extending southward from the canal to the marina building on Lot 348; and
- a permit issued by the New York State Department of Environmental Conservation (NYSDEC) in 1985 for bulkhead restoration.

The Building Division file did not contain any information directly identifying any environmental problems on the subject property.

2.5.4 Findings of Review of Historical Information

Review of the historical data for the past 50 years reveals that the subject property had been occupied by a marina at least as far back as the 1950s. Marina activities on the site continued until recently, when this use was abandoned and finally removed from the site within the last few years. Although this analysis did not produce any direct evidence of significant, recognized environmental conditions, the site history indicates a potential for soil contamination from various substances, possibly including:

- petroleum products (e.g., fuels and lubricants), which would have been used to operate vessels and on-site equipment;

- metals present in paints and other vessel components, which could have been released to soils at the site during painting, hull scraping, and/or similar activities; and

- solvents, which would have been used in the cleaning of engine parts and other vessel components.

In the event that significant soil contamination has occurred at this location, the potential also would be high for adverse impacts to the underlying

groundwater, given the shallow depth to the aquifer at the site. Furthermore, the natural discharge of such contaminated groundwater, if present, could impair the adjacent surface waters of Oak Neck Creek.

3.0 FINDINGS OF RECORDS REVIEW

A review of Federal, State and local records pertaining to potential recognized environmental conditions was performed based on an First Search Technology Corporation database search acquired for the subject site and surrounding area. The search distances comply with those recommended by ASTM E 1527-00 Section 7. A brief description of the database review is provided below and a copy of the search output is given in Appendix IV.

3.1 Federal Records Search

3.1.1 *National Priorities List (NPL) or Superfund*

The subject parcel is not a Federal Superfund site. There are no such sites located within a one-mile radius of the subject property.

The NPL Report, also known as the Superfund List, is a USEPA listing of uncontrolled or abandoned hazardous waste sites. This list is primarily based upon a score which the site receives from the USEPA's hazardous ranking system. These sites are targeted for possible long-term remedial action under the Superfund Act.

3.1.2 *Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)*

The subject parcel is not listed on the CERCLIS database. There are no such sites located within a one-mile radius of the subject property.

CERCLIS is a list of potential hazardous waste sites that the USEPA is investigating for hazardous substance releases. Each site is given a hazardous ranking score which determines its standing on the NPL and priorities for cleanup. The higher the score, the greater the threat to the environment, and the more rapidly the site will be addressed by the USEPA.

3.1.3 *Resource Conservation and Recovery Act (RCRA) Hazardous Waste Treatment, Storage, and Disposal Sites*

The subject site is not listed on the USEPA RCRA list. There are no such sites located within a one-mile radius of the subject property.

RCRA facilities are permitted by the USEPA to generate hazardous waste and dispose of the waste legally. These facilities generally abide by USEPA regulations for storage, handling and disposal of hazardous materials.

3.1.4 *RCRA Hazardous Waste Generators and Transporters*

The subject site is not listed as a RCRA Hazardous Waste Generator and Transporter site. There are no such facilities located within a one-quarter mile radius of the subject property.

RCRA facilities are permitted by the USEPA to generate hazardous waste and dispose of the waste legally. These facilities generally abide by USEPA regulations for storage, handling and disposal of hazardous materials.

3.1.5 *Emergency Response Notification System*

The subject site is not listed on the Federal database of spills compiled by the Emergency Response Notification System.

3.1.6 *Toxic Release Inventory Sites*

The subject property is not listed as a Toxic Release Inventory Site. Toxic release sites are manufacturing facilities that are required, pursuant to Section 313 of the Federal Emergency Planning and Community Right-To-Know Act, to report releases of any listed toxic chemical into the air or water, or onto the land.

3.1.7 CORRACTS (Corrective Action Report)

The subject property is not listed as a CORRACTS site. There are no such sites located within a one-mile radius of the subject property.

This database represents a list of RCRA hazardous waste generator, treatment, transporter and disposal facilities that have been identified by the USEPA for corrective action.

3.2 State and Local Records Search

3.2.1 *NYSDEC Inactive Hazardous Waste Disposal Sites (State Superfund)*

The subject parcel is not listed on the State Superfund list. There are no such sites located within a one-mile radius of the subject property.

The List of NYSDEC Inactive Hazardous Waste Disposal Sites contains summary information pertaining to those facilities that are deemed hazardous by NYSDEC.

3.2.2 *NYSDEC Hazardous Substance Waste Disposal Sites*

The subject property is not listed on this State list. There are no such sites located within a one-mile radius of the subject property.

NYSDEC maintains a database of waste disposal sites that may pose threats to public health or the environment, but cannot be remediated using monies from the Hazardous Waste Remediation Fund.

3.2.3 *NYSDEC Solid Waste Facilities*

The subject parcel is not on the NYSDEC Solid Waste Facilities List. There are no such sites located within a one-mile radius of the subject property.

3.2.4 *Local and State Petroleum Bulk Storage Sites*

The subject parcel is not listed as a petroleum bulk storage facility. There are no such facilities located within a one-quarter mile radius of the subject site.

The fact that a facility is listed as a petroleum bulk storage site does not mean that it is an unsafe facility or that fuel spills will occur, but does

indicate that there is a potential for spillage because there is a significant quantity of fuel stored on the site.

3.2.5 *Area Spills (NYSDEC Active Toxic Spills, Leaking Underground Storage Tanks, Etc.)*

The NYSDEC Spill Logs dated October 2001 list the subject property with one spill incident. On April 21, 2000, a caller reported that the marina had been abandoned for three years and various containers and drums were present on the site. The caller also stated that the building contains unknown materials and appears to be ready to collapse into the creek. This spill incident is listed in the database as active, but no specific details are provided regarding the type or quantity of material involved or the objectives for resolving the incident.

During a telephone interview with Mr. Harvey Weisman, the present owner of a majority of the subject property, CA inquired as to the nature and status of the NYSDEC-listed spill. It is Mr. Weisman's understanding that this incident involved a small quantity of fuel/oil mixture that was spilled onto the ground in the southeast portion of the property when one of the abandoned boats was being removed from the site. In an effort to resolve the matter, Mr. Weisman reportedly retained the services of a remediation

contractor, who was dispatched to the site and directed to identify the extent of the problem and correct same. This account is consistent with information obtained during a telephone conference with Mr. Hugh Cirrito, the NYSDEC-Region 1 Case Manager for the project. However, Mr. Weisman indicated that the contractor was not able to determine the location of the spill and, consequently, a cleanup was never undertaken. On this basis, it does not appear likely that the spill in question can ever be directly addressed.

Four other spill sites are listed within a one-half mile radius of the subject property. The closest spill is listed as 9 Johnston Street, located approximately 1/8 mile to the southwest of the subject property. The spill occurred on February19, 1995, when an unknown quantity of #2 fuel oil was spilled during a delivery. This spill incident is listed in the database as having been closed on February 22, 1995.

The next closest spill listed as 12 Michael Street, located approximately 1/8 mile to the northwest of the subject site. On August 17, 2000, a caller (hired by potential buyer) reported finding TPH in soil borings within the vicinity of storage tank. NYSDEC reviewed the sample results submitted by the consultant and, based upon various factors, no further action was required by NYSDEC at that time. The owner subsequently contacted the Nassau

County Department of Health, and had the tank abandoned in December 2000. This spill is listed in the database as having been closed on July 10, 2001.

The spill lists include relatively small incidents, such as equipment or human errors, tank overfills, and poor housekeeping. In general, the spill list records sites that were reported to the NYSDEC and are classified as "active", "cleaned up", or "unspecified". The ultimate goal of the NYSDEC is to resolve all reported spill sites to a classification of "cleaned up" after investigation, monitoring or remediation activities. There is no evidence that any of the listed off-site spills have directly affected the subject property.

3.2.6 *NYSDEC Chemical Bulk Storage Sites*

The subject parcel is not listed as a chemical bulk storage facility. There are no such sites identified within a one quarter-mile radius of the subject property.

NYSDEC maintains a database of facilities that store regulated substances, as listed in 6 NYCRR Part 597, in aboveground tanks in amounts greater than 185 gallons or in underground tanks of any size.

3.2.7 *NYSDOH Radon Database*

Based on CA's experience in conducting Phase I Environmental Site Assessments throughout the region, and our knowledge of the area's hydrogeology, radon is not generally present or expected to be found at elevated levels on Long Island. This is corroborated by a Statewide testing program recently conducted by the New York State Department of Health's (NYSDOH) Bureau of Environmental Radiation. In Nassau County, the basements of 42 buildings were tested by charcoal screening for the presence of radon gas. The average quantity of radon present in these houses was 1.4 picocuries per liter (pCi/l). The USEPA has set 4 pCi/l as the acceptable level for homes. Based on this standard, the average quantity of radon gas is below the USEPA level.

A copy of the NYSDOH study results is provided in Appendix III of this report.

4.0 INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS

4.1 On-Site Inspection of Hazardous Material Usage

The subject property is undeveloped. Therefore, hazardous materials are not presently utilized at this location.

4.2 On-Site Storage Tanks

The subject property is undeveloped. Therefore, no active storage tanks currently are present at this location.

Mr. Weisman, the present owner, indicated to CA that aboveground storage tanks related to the prior marina use were removed from the site at the same time the marina building was demolished within the last few years. Mr. Weisman further reported that there were never any underground storage tanks on the site, due to high groundwater levels.

4.3 On-Site PCB's

The subject property is undeveloped. Therefore, no electrical equipment or other potential sources of PCB-containing materials were observed on the site.

CA observed a pole-mounted transformer located directly to the south of the subject property, along Hernan Avenue. This equipment reportedly is the property of the local electrical utility, the Long Island Power Authority (LIPA). LIPA typically reports that all utility owned transformers throughout Nassau County are not PCB-containing. CA observed that the transformer appeared in good condition, with no evidence of leaks or spills.

4.4 Asbestos Containing Material (ACM) in the Building

The subject property is undeveloped. Therefore, potential ACM construction is not present at this location.

According to Mr. Weisman, the current owner the marina building that previously occupied Lot 348, this structure recently was demolished and removed from the site, and the debris (including any ACM) was carted away to a suitable disposal facility.

4.5 Lead-Based Paint

The subject property is undeveloped. Therefore, no construction treated with lead-based paint is present at this location.

4.6 Solid Waste Handling

The subject property is undeveloped. Therefore, solid waste is not currently generated at this location.

CA observed miscellaneous debris related to the dumping of solid waste in various locations on the subject property. This waste material included: bricks, asphalt, concrete, metal, wood, fiberglass, bottles, and similar materials; a metal boat trailer and wooden rowboat; and two metal cylinders, which appeared to be pneumatic or water tanks. CA's inspection did not reveal the presence of any hazardous materials among the debris observed at the site.

4.7 Electromagnetic Fields

No sources of electromagnetic fields (EMFs), such as high tension wires and electrical substations, were observed in the vicinity of the subject property.

There currently are no regulations concerning the proximity of development to major sources of EMFs such as overhead high tension wires. However, high levels of EMFs are an unresolved public health issue. Some recent studies have linked the presence of elevated EMFs to increased risk of certain cancers and other illnesses. Although studies are ongoing and no definitive conclusions have been reached, the

existing evidence indicates that a potential health risk may exist for individuals who are exposed to these fields. In any case, the general perception of a risk associated with major sources of EMFs can reduce the marketability and value of real estate.

4.8 Pits, Ponds, or Lagoons

The subject property is undeveloped. Therefore, no artificial pits, ponds, or lagoons are present at this location.

4.9 Drums

No drums were observed by CA on or around the subject property.

4.10 Stained Soils or Pavement

No stained soils or pavement were observed by CA on the subject property.

4.11 Stormwater and Sanitary Systems

The subject property is undeveloped. Therefore, no sanitary waste disposal systems currently are in use at this location.

According to Mr. Weisman, the current owner of the subject property, subsurface sanitary structures associated with the prior marina facility were removed at the time of the recent building demolition, as overseen by the Nassau County Department of Health.

4.12 Floor Drains and Sumps

The subject property is undeveloped. Therefore, no floor drains or sumps are present at this location.

4.13 Water Supply

The subject property is undeveloped. Therefore, the site is not served by an active water supply system.

4.14 Stressed Vegetation

CA's field observations did not reveal the presence of stressed vegetation.

4.15 Wetlands and Floodplains

As noted previously, the subject property adjoins the tidal marine waters of Oak Neck Creek, a tributary of Mill Neck Creek which extends off the westerly end of Oyster Bay Harbor. Saltwater wetland grasses (*Spartina*) and tidal flats fringe the shoreline on the eastern side of the site.

Review of Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) indicates that the subject property is situated largely within 100-year floodplain. More specifically, it appears that the entire property, except perhaps for the extreme southwest corner of the site, is located in zone AE, with a base flood elevation of 12 feet.

5.0 FINDINGS AND CONCLUSIONS

Cashin Associates, P.C. has performed a Phase I Environmental Site Assessment, in conformance with the scope and limitations of ASTM Practice E 1527-00. Any exceptions to, or deletions from, this practice are described in Section 1.2.6 of this report.

The following recognized environmental concerns and environmental risk conditions were found to be associated with the subject site:

1) **Prior Spill Events:** The subject property is identified in the NYSDEC database as having been involved in one spill incident. Although any containers or drums that may have been abandoned on the site (as listed in the database) have since been removed, this spill has not been officially closed. According to the current owner, the incident in question involved a small-volume spill, for which a previous attempt to identify the extent of the problem and correct same were not able even to determine the location of the spill. As a result, it appears unlikely that this spill can ever be directly addressed. Notwithstanding these circumstances, it is recommended that NYSDEC be contacted in order to determine the actions that would be necessary to properly close out the active spill file.

2) **Historical Uses of the Subject Property:** The subject property previously was the site of a marina, which had been in operation at least as far back as the 1950s. This long-term use indicates a potential for soil contamination to have resulted, possibly involving various substances related to marina operations, such as petroleum

products, metals, and solvents. Any significant soil contamination that may have occurred at this location could adversely affect groundwater, due to the shallow depth to the aquifer, and possibly also the adjacent surface waters of Oak Neck Creek.

Based the long-term use of the subject property as a marina, and the associated potential for the release of various contaminants into the environment, and considering that one documented spill incident on the site has not yet been satisfactorily resolved, it is recommended that a series a soil borings be collected at various locations across the site. These soils should undergo laboratory testing for the standard suite of petroleum hydrocarbons, metals, and volatile and semi-volatile organic compounds, in accordance with U.S. Environmental Protection Agency standards and protocols.

Groundwater samples should also be collected and sampled. If soil or groundwater contamination is found, additional investigation and/or site remediation could be required.

3) **On-Site Waste Dumping and Debris**: The subject property contains areas in which waste dumping has occurred. This waste material includes bricks, asphalt, concrete, metal, wood, fiberglass, bottles, a metal boat trailer, wooden rowboat, and two metal cylinders. Additionally, the small inlet in the northeast corner of the site contains deteriorated wooden walkways, docking structures, and vessel-launching facilities. Although CA's inspection did not reveal the presence of any hazardous substances

among this material, it is recommended that all debris be removed from the site and properly disposed.

4) **Wetlands and Floodplain**: The shoreline of the subject property contains tidal wetlands, and the site is largely covered by the 100-year floodplain. These conditions pose constraints for the potential future development of the property. As part of design plans for reuse, if improvements are proposed for this site, appropriate measures should be taken to preserve the wetlands, and the site-specific flood elevation should be verified to determine if flood-proofing or other special flood protection measures are required.

SECTION 6
REFERENCES AND CONTACTS

REFERENCES

Cirrito, Hugh, NYSDEC, Region 1. Telephone Communication, February 8, 2002.

Nassau County Public Health Ordinance, Article XI, Toxic and Hazardous Materials Storage, Handling and Control, of the Nassau County Board of Health, Amended April 1, 1992, Mineola, New York.

Nassau County Board of Health, Petroleum and Hazardous Materials Storage, Mineola, New York, October 2001.

New York State Department of Environmental Conservation, April 2000. Inactive Hazardous Waste Disposal Sites in New York State, Volume I.

New York State Department of Environmental Conservation, October 2001. Petroleum Bulk Storage Facilities, Albany, New York.

New York State Department of Environmental Conservation, October 2001. Spills Information Database, Albany, New York.

New York State Department of Health, December 1997. Average Basement Charcoal Screen Measurement by County, Albany, New York.

United States Environmental Protection Agency, August 1999. National Priorities List, Washington, D.C.

United States Department of Agricultural Soil Conservation Service, February 1987. Soil Survey of Nassau County, New York

United States Department of the Interior, 1981. Water Table on Long Island, New York

United States Environmental Protection Agency, June 2000. List of Facilities Regulated by RCRA, Washington, D.C.

United States Environmental Protection Agency, April 2000. CERCLIS List of Suspected Contamination Sites, Washington, D.C.

Harvey Weisman, Property Owner. Telephone Communication, February 6, 2002.

SECTION 7
SIGNATURE PAGE

PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR THE PROPERTY LOCATED AT:

FORMER MILL NECK MARINA
HERNAN AVENUE
LOCUST VALLEY, NEW YORK 11560

CASHIN ASSOCIATES, P.C. REFERENCE NO. 4061.02

Project Manager:

John M. Ellsworth

John Ellsworth **Date:** 2/20/02 **Inspection Date:** 1/24/02

Inspector:

Robert Coryell

Robert Coryell **Date:** 2/20/02 **Inspection Date:** 1/24/02

Director of Environmental Programs:

Gregory T. Greene

Gregory T. Greene **Date:** 2/20/02

SECTION 8
QUALIFICATIONS INFORMATION

CASHIN ASSOCIATES, P.C.

GREGORY T. GREENE
Director of Environmental Programs

EDUCATION/REGISTRATION

B.A., Geological and Geophysical Sciences, Princeton University, 1975
M.S., Marine Environmental Sciences, SUNY at Stony Brook, 1978
Certified Environmental Specialist, Environmental Assessment Association

EXPERIENCE

As Director of Environmental Programs at Cashin Associates, Mr. Greene serves as project director for the firm's environmental site assessments prepared for the firm's banking and real estate investment clients. He is also responsible for directing major environmental planning, hazardous materials management and site remediation projects. He has supervised preparation of numerous environmental impact statements and technical studies for projects involving public works and transportation planning, commercial and residential site development, and construction of highways, solid waste disposal facilities, and other public improvements. These projects have included assignments throughout the New York City metropolitan region, as well as the eastern United States and Latin American regions.

Recent environmental projects completed under Mr. Greene's direction included:

- Numerous environmental assessments of sites and buildings for banks, lending institutions and other corporate clients, including asbestos and lead investigation and abatement, throughout the eastern United States, including the States of New York, New Jersey, Florida, Pennsylvania, Massachusetts, Connecticut and Ohio.
- Preparation of environmental impact statements for major commercial and residential complexes on Long Island, NY.
- Environmental and technical review services on behalf of various municipalities.
- Supervision of site investigations and remediation work for 6 industrial properties in Hauppauge, NY.
- Phase II investigations and follow-up remedial activities at industrial and commercial sites with environmental problems for banking and real estate investment firms.
- Supervision of lead paint abatement programs performed under FREDDIE MAC requirements for buildings in New York and New Jersey.
- Comprehensive site investigation, hazardous material assessment and re-use plan to a 420-acre former military base in Montauk, NY, for the Office of Parks, Recreation and Historic Preservation.
- Environmental studies relating to solid waste recycling and energy recovery for the Solid Waste Management Authority of Puerto Rico.

- Preparation of Local Waterfront Revitalization Plans for the Towns of Brookhaven, North Hempstead and Oyster Bay, NY, and various other communities.
- Implementation of fuel storage tank testing and remediation programs for the Towns of Oyster Bay, Babylon and Islip, including several hundred underground tanks.

Other recent assignments conducted by Mr. Greene included: area planning studies and site assessments throughout the northeast for the U.S. Postal Service; various ecological, marine and coastal zone management studies throughout Long Island; preparation of the master plan for restoration of Central Park, NY; environmental assessments for utility installations as part of the restoration of Ellis Island, NY.

Mr. Greene has specific project experience in Puerto Rico and the Latin American region. This project experience includes:

- Assistance in preparation of feasibility studies for waste-to-energy plants in Mercidita, Puerto Rico and Aquirre, Puerto Rico, for the Puerto Rico Solid Waste Management Authority.
- Environmental impact analysis for wastewater facility improvements in the Lajas-Boqueron region of Puerto Rico, for the United States Environmental Protection Agency.
- Comprehensive review and analysis of the environmental and health effect of electro-magnetic fields (EMF's) for the Puerto Rico Electric Power Authority.
- Technical Assistance relating to PCB remediation to Ecopetrol, the Government owned oil company of Colombia.
- Building inspections and site improvements for commercial sites in Puerto Rico for Avis Corporation.

CASHIN ASSOCIATES, P.C.

JOHN M. ELLSWORTH
Environmental Scientist/Permit Specialist

EDUCATION/REGISTRATION

Master of Science, Marine Environmental Sciences, State University of NY at Stony Brook, 1982
Bachelor of Science, Biology-Geology, University of Rochester, 1978.

EXPERIENCE

Mr. Ellsworth is an Environmental Scientist at CA who specializes in projects relating to site assessments, permit compliance, land use management, and environmental impact assessment. He is highly experienced in the application of computer modeling to processing of environmental and field data. Mr. Ellsworth's recent project experience includes:

- Preparation of Phase 1 Environmental Site Assessments and Engineering Condition Surveys for commercial and multi-unit residential properties;
- Assistance in environmental reviews and SEQR Compliance for proposed projects on behalf of the Town of Oyster Bay, including proposed site developments, roadway improvements, and other major projects;
- Environmental analysis and SEQR Compliance review on behalf of the Town of North Hempstead for proposed widening and improvements of the Long Island Expressway in Nassau County;
- Preparation of a series of technical studies on coastal erosion, hazard protection and marine/coastal resources for the New York State Department of State as part of the Governor's Coastal Erosion Task Force Program;
- Preparation of an EIS and permit applications for a proposed marina in Port Jefferson Harbor including mitigation measures for surface waters and wetlands;
- Conceptual design of channel stabilization and shoreline improvement project at a Town of Riverhead recreational facility in Wading River;
- Preparation of permit requirements for a proposed dredging and beach nourishment project in Jamesport, NY, including a detailed tidal wetlands inventory;
- Preparation of a Bay Resources Management Plan for the Oyster Bay/Cold Spring Harbor Complex, including plans for wildlife habitat and water quality protection;
- Assistance in the preparation of Local Waterfront Revitalization Plans for the Towns of Southold, Brookhaven, Islip, Huntington, North Hempstead and Oyster Bay; and
- Preparation of environmental site assessments and building inspections of residential and commercial properties for banking and other corporate clients.

CASHIN ASSOCIATES, P.C.

ROBERT CORYELL
Field Technician

EDUCATION/REGISTRATION

A.A.S., Construction Technology, Suffolk County Community College, 1988
Troxler Nuclear Densiometer Certified
NICET Level I – Highway Construction
Certified Asbestos Inspector, New York State

EXPERIENCE

Mr. Robert Coryell is a Field Technician at CA primarily involved in environmental site investigations and remediation projects. He is experienced in field sampling techniques including soil borings, groundwater monitoring, and surface water sampling. He is also experienced in coordination of contractors, maintenance of records, and field monitoring of work quality and progress for a wide variety of projects, including environmental investigation/remediation, underground tank removals, site improvements, utility installations, park rehabilitation and street lighting. Recent assignments have included:

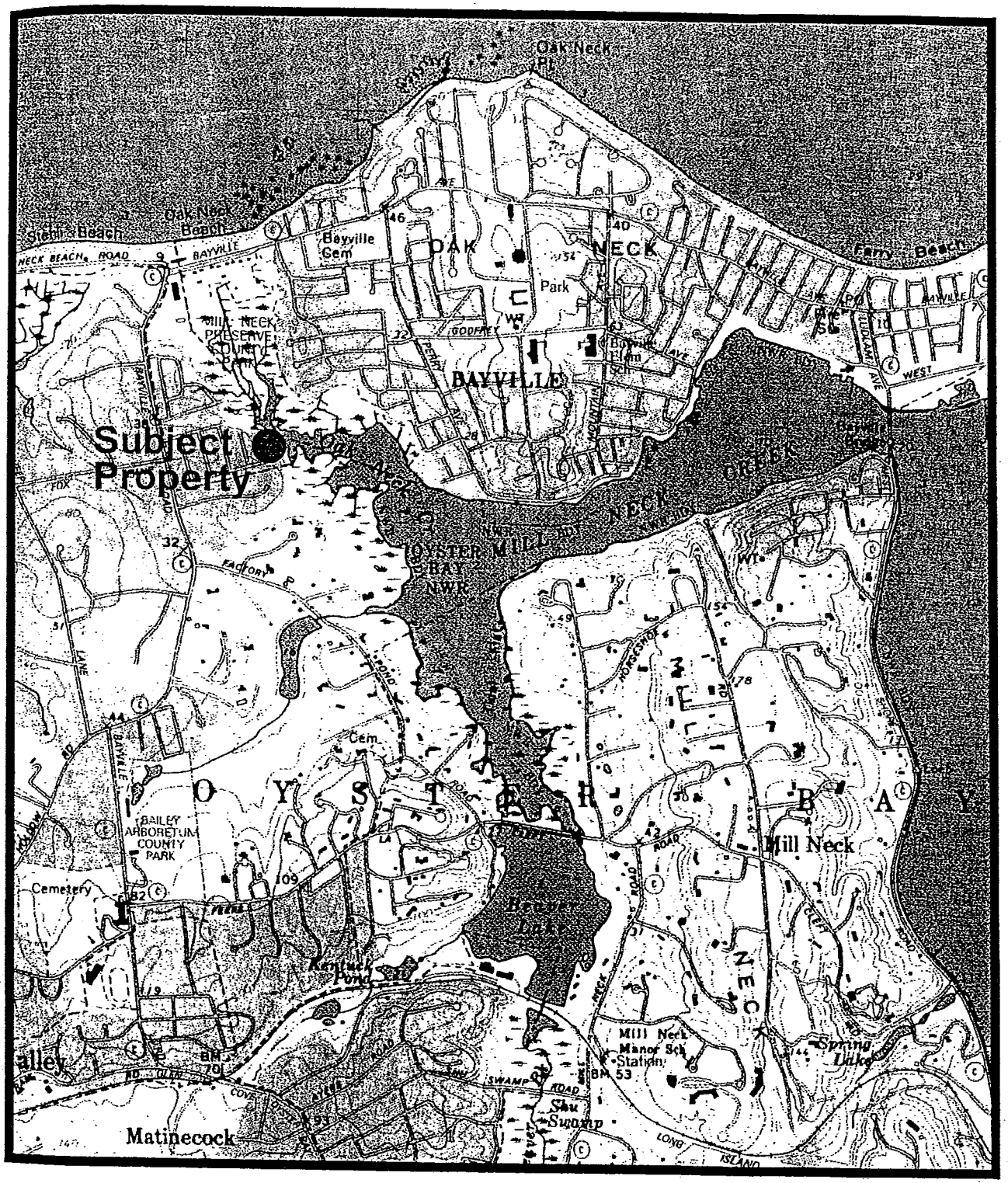
- Field inspector for construction of the Sonia Road Landfill capping and closure for the Town of Islip, NY;
- Field monitoring of underground tank removal, subsurface remediation and follow-up groundwater monitoring as sites in Suffolk County for a major banking client.
- Site investigation for Phase I and Phase 2 environmental site assessments for industrial, commercial, residential, agricultural and undeveloped property throughout Long Island and the New York metropolitan region.
- Construction management and inspection for improvements of two shorefront parks including lighting of two softball fields, Baldwin and Shell Creek, for the Town of Hempstead;
- Field inspection for lighting and electrical improvements at municipal parks for the Town of Hempstead, NY, including underground utility installations and transformer placement;
- Field inspection for a comprehensive street lighting inventory utilizing GIS/GPS mapping for the Town of Brookhaven, New York;
- Field inspection of street lighting for the Incorporated Village Westbury, Nassau County, NY, involving field survey of lighting types, condition and needed improvements along Village roadways;
- Construction inspection for improvements at TOBAY Marina including electrical supply, bulkheads, docks and site work for the Town of Oyster Bay;
- Field inspection for the Town of Brookhaven Cell 5, Phase I and II involving installation of piping, protective cover, liner, and geocomposite;

- Field inspection as part of CA's construction management team for major improvements at Cedar Creek Wastewater Control Facility, Nassau County, NY;
- Field inventory of telephone equipment manholes for NYNEX, involving examination of existing equipment and condition of several hundred installations throughout Nassau and Suffolk counties;
- Field inspection and preparation of as-built drawings for renovation of Building 159 in the Hauppauge Complex for Suffolk County DPW.
- Field inspection of testing and upgrades for fuel storage tanks for various properties owned by Dime Savings Bank;
- Field inspection for leachate storage tank system installation including piping, pumps, wiring, grading, paving and concrete for the Town of Brookhaven, New York;
- Field inspection for Town of Huntington/East Northport Landfill Capping and Closure involving installation of man holes, collection wells, piping, drainage channels, grading, utilization of nuclear densiometer, geosynthetics, geocomposite and geogrid;
- Field measurement and design for capping, and closure of the Town of Babylon Landfill, and construction of related solid waste management facilities;

Prior to joining CA, Mr. Coryell was assigned as a construction inspector on several projects for the Town of Smithtown, including landfill monitoring, capping and closure work. He has also participated field inspection and design projects for recycling facilities, subdivisions, and other development projects in Nassau and Suffolk Counties.

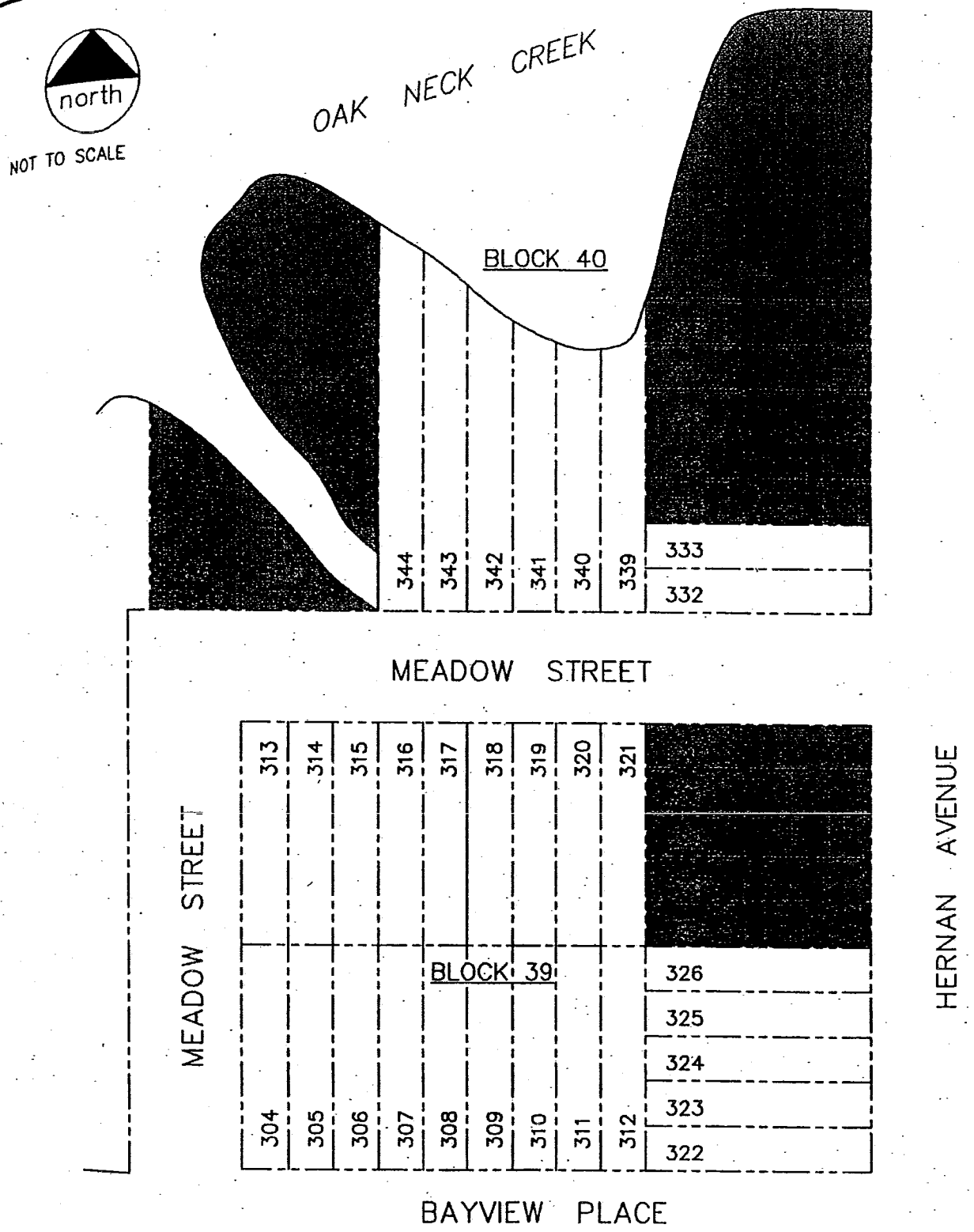
APPENDICES

APPENDIX I
LOCATION/TOPOGRAPHIC MAP



SITE LOCATION MAP

FORMER MILL NECK MARINA PROPERTY



(All lots in Section 29 of the Nassau County Land and Tax Map)

LOT MAP

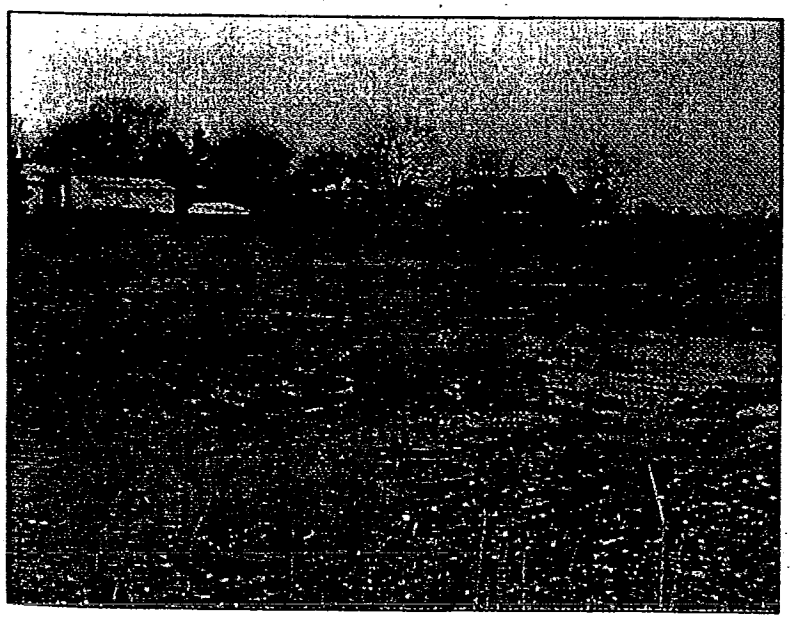
FORMER MILL NECK MARINA PROPERTY

Cashin Associates, P.C.
ENGINEERING · PLANNING · CONSTRUCTION MANAGEMENT

APPENDIX II
SITE PHOTOGRAPHS

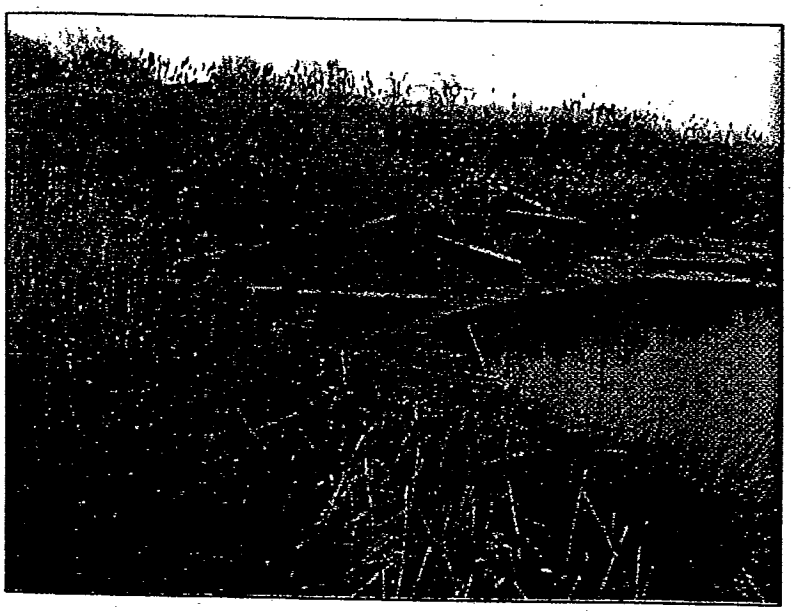
Photograph #1 - View of the subject property, looking west along Hernan Avenue.

Photograph #2 - View of the subject property looking west. Note debris on property.

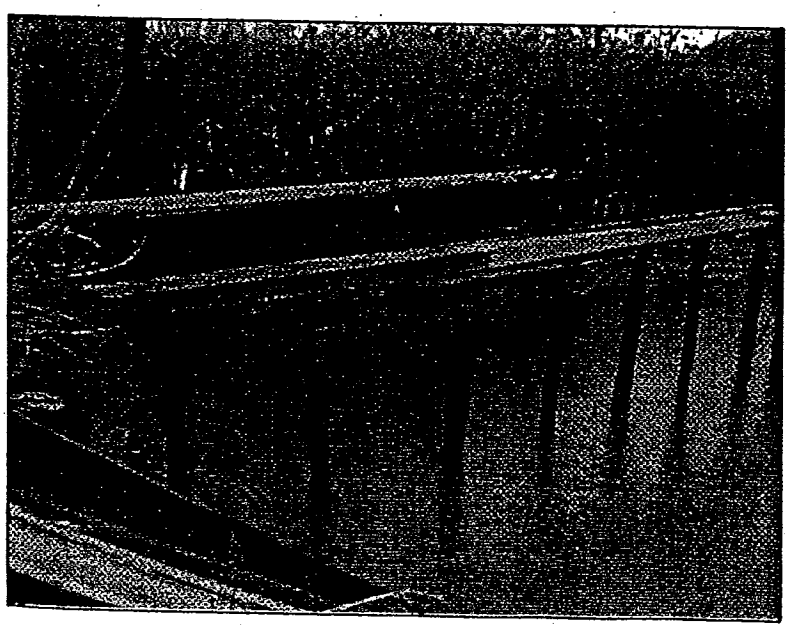


Photograph #3 - View of the subject property, looking northwest.

Photograph #4 - View of southeast portion of subject property.



Photograph #5 - View of subject property, looking along the shoreline on Oak Neck Creek.



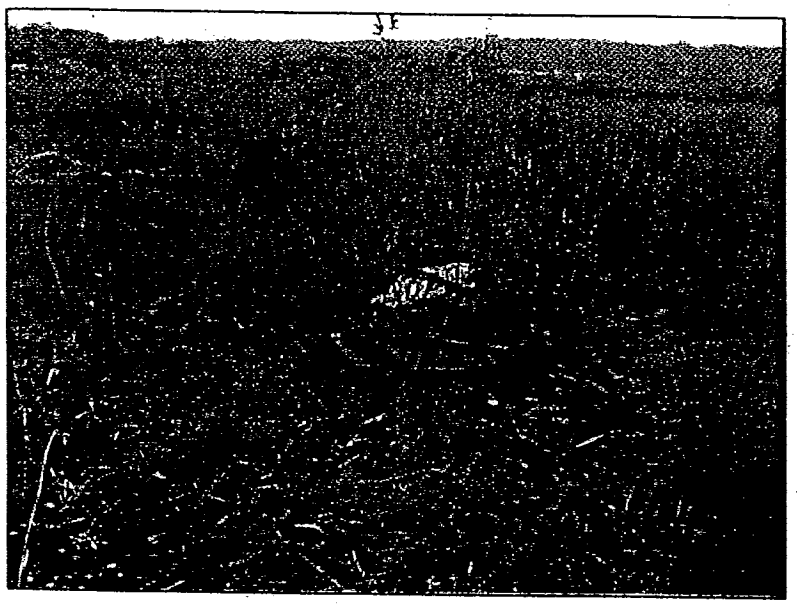
Photograph #6 - View of subject property, along the shoreline on Oak Neck Creek.

Photograph #7 - View of the subject property, looking at the wooden dock located on Oak Neck Creek.

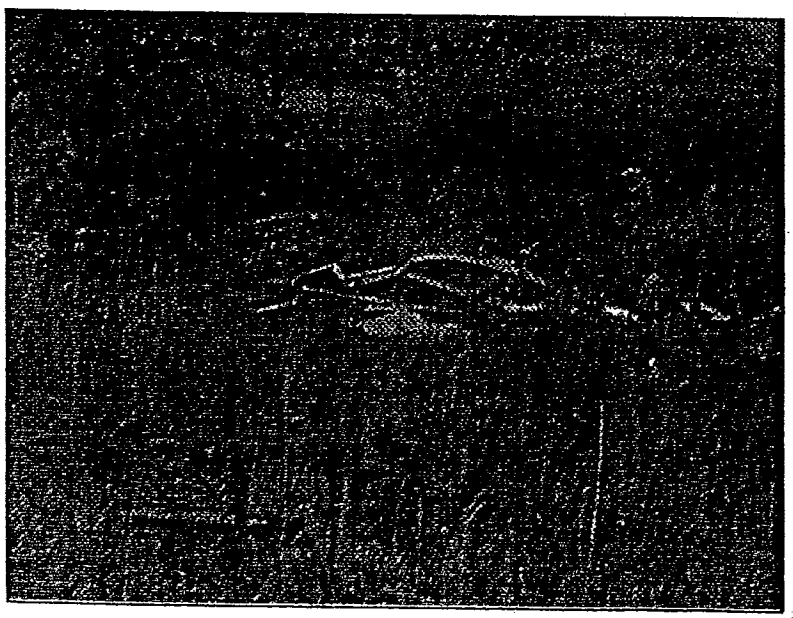
Photograph #8 - View of miscellaneous debris located on the east side of the subject property.

Photograph #9 - View of the southwest corner of the subject property.

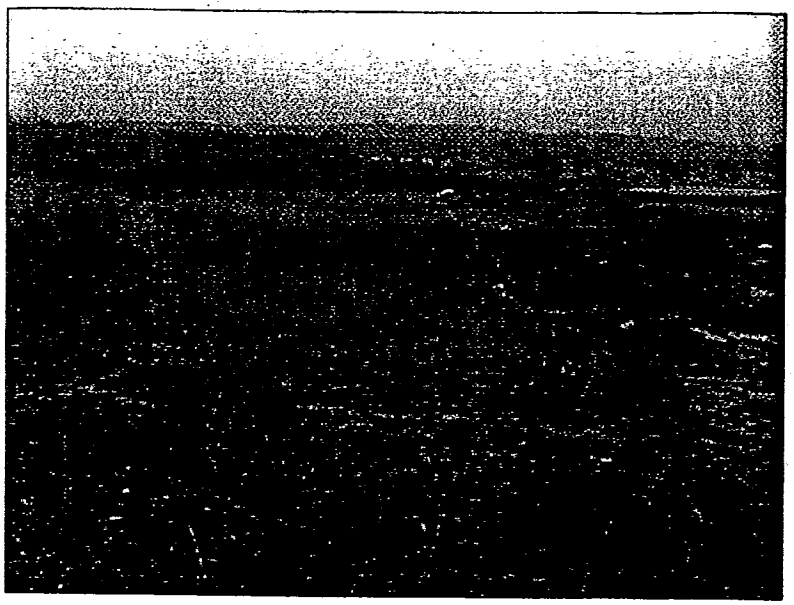
Photograph #10 - View of the western portion of the subject property.



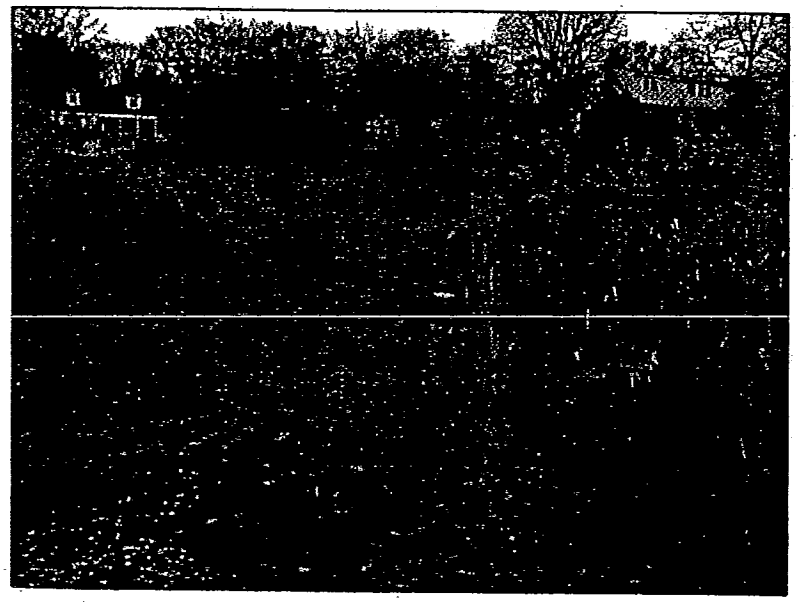
Photograph #11 - View of miscellaneous debris located on the subject property.



Photograph #12 - View of miscellaneous debris located on the northern portion of the subject property.



Photograph #13 - View of the subject property, looking east.



Photograph #14 - View of the northern portion of the subject property, looking south.

Photograph #15 - View of wooden debris located along Oak Neck Creek.

APPENDIX III
NYSDOH RADON RESULTS

BASEMENT RADON SCREENING DATA
BY COUNTY DECEMBER 1997

COUNTY	HOMES TESTED	AVERAGE pCi/L	STD DEV pCi/L	GEO MEAN pCi/L	GEO SD	MAXIMUM pCi/L
ALBANY	1367	5.1	16.1	1.9	3.3	338.5
ALLEGANY	247	10.2	13.7	4.5	4.1	113.7
BRONX	74	1.7	2.7	0.8	3.2	16.0
BROOME	2169	5.7	10.6	2.8	3.2	210.7
CATTARAUGUS	425	8.4	28.0	3.3	3.6	522.1
CAYUGA	661	4.4	6.4	2.7	2.5	81.9
CHAUTAUQUA	900	6.1	11.0	2.7	3.6	141.0
CHEMUNG	1169	12.9	14.0	7.2	3.3	118.3
CHENANGO	286	8.9	13.5	4.2	3.4	105.5
CLINTON	124	2.4	3.4	1.3	3.0	23.2
COLUMBIA	369	7.2	16.6	3.9	3.1	298.0
CORTLAND	875	15.4	15.3	9.5	3.0	125.3
DELAWARE	376	7.4	13.6	3.3	3.7	152.4
DUTCHESS	2505	6.6	8.3	3.9	3.0	135.2
ERIE	5451	4.8	14.3	1.6	3.7	371.9
ESSEX	113	1.4	1.5	0.9	2.4	11.2
FRANKLIN	82	1.8	3.0	1.1	2.6	26.3
FULTON	114	2.0	2.3	1.3	2.6	13.5
GENESEE	479	7.8	21.3	3.3	3.0	322.7
GREENE	187	4.8	6.6	2.7	3.0	48.4
HAMILTON	19	1.4	1.3	1.0	2.3	5.5
HERKIMER	165	5.4	7.0	3.3	2.8	58.6
JEFFERSON	132	3.2	4.7	1.5	3.5	28.8
KINGS	329	1.9	2.3	1.2	2.6	21.9
LEWIS	54	6.1	14.7	2.6	3.3	107.6
LIVINGSTON	204	7.5	16.8	3.4	3.4	157.6
MADISON	394	5.6	7.5	3.3	2.8	57.7
MONROE	1702	3.3	8.5	1.7	2.7	214.4
MONTGOMERY	147	3.7	4.2	2.1	3.1	24.1
NASSAU	552	1.4	1.2	1.0	2.3	9.6
NEW YORK	57	1.2	1.2	0.8	2.6	5.6
NIAGARA	681	1.8	2.3	1.1	2.6	20.2
ONEIDA	1247	6.0	8.2	3.3	3.0	92.2
ONONDAGA	5062	8.6	16.1	3.8	3.7	341.8
ONTARIO	431	5.6	9.8	2.9	3.0	125.0
ORANGE	1760	5.0	7.6	2.8	2.8	143.6
ORLEANS	448	3.3	6.5	1.8	2.7	86.4
OSWEGO	182	2.2	3.3	1.3	2.6	29.6
OTSEGO	574	8.4	16.6	4.2	3.4	299.7
PUTNAM	785	4.5	5.6	2.7	2.8	47.6
QUEENS	396	1.2	1.7	0.8	2.5	23.8
RENSSELAER	840	6.1	8.8	3.2	3.4	103.2
RICHMOND	190	1.4	2.0	0.7	3.1	14.1
ROCKLAND	2045	2.5	4.7	1.5	2.6	123.7
SARATOGA	611	3.9	8.6	2.1	2.8	142.2
SCHENECTADY	588	3.4	8.7	1.8	2.7	160.5
SCHOHARIE	201	5.8	9.0	3.1	2.9	69.1
SCHUYLER	109	4.0	3.3	2.8	2.5	18.5
SENECA	151	2.8	3.1	1.8	2.7	19.5
ST. LAWRENCE	185	2.5	4.6	1.5	2.5	56.8

BASEMENT RADON SCREENING DATA
BY COUNTY DECEMBER 1997

COUNTY	HOMES TESTED	AVERAGE pCi/L	STD DEV pCi/L	GEO MEAN pCi/L	GEO SD	MAXIMUM pCi/L
STEUBEN	632	11.6	14.9	5.9	3.6	141.8
SUFFOLK	336	1.5	1.4	1.1	2.4	8.6
SULLIVAN	173	3.8	5.9	2.0	3.0	46.0
TIOGA	544	9.1	15.9	4.1	3.6	236.8
TOMPKINS	849	4.5	5.7	2.8	2.7	54.6
ULSTER	1048	4.8	9.1	2.8	2.7	169.6
WARREN	139	2.1	2.4	1.4	2.4	20.1
WASHINGTON	152	5.9	8.4	3.1	3.1	58.9
WAYNE	314	4.5	7.0	2.4	2.8	50.8
WESTCHESTER	2021	2.7	4.0	1.7	2.6	95.4
WYOMING	250	9.7	18.0	4.3	3.7	178.3
YATES	156	5.6	8.1	3.1	2.8	69.0
TOTALS	44828	5.8	13.1	2.5	3.5	522.1

APPENDIX IV
FIRSTSEARCH TECHNOLOGY CORPORATION DATABASE

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

TARGET PROPERTY:

MEADOW ST

LOCUST VALLEY NY 11560

Job Number: 4061.02

PREPARED FOR:

Cashin Associates, PC

1200 Veterans Memorial Highway

Hauppauge, NY 11788

01-24-02

Tel: (203) 801-0500 *Fax: (203) 801-9501*

Environmental FirstSearch
Search Summary Report

Target Site: MEADOW ST
LOCUST VALLEY NY 11560

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2 >	ZIP	TOTALS
NPL	Y	11-13-01	1.00	0	0	0	0	0	0	0
CERCLIS	Y	11-13-01	0.50	0	0	0	0	-	0	0
RCRA TSD	Y	11-25-01	0.50	0	0	0	0	-	0	0
RCRA COR	Y	11-25-01	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	11-25-01	0.25	0	0	0	-	-	1	1
RCRA NLR	N	11-25-01	0.25	-	-	-	-	-	-	-
ERNS	Y	01-06-00	0.25	0	0	0	-	-	1	1
NPDES	N	11-19-01	0.25	-	-	-	-	-	-	-
FINDS	Y	07-08-01	0.25	0	0	0	-	-	4	4
TRIS	Y	07-16-98	0.25	0	0	0	-	-	0	0
State Sites	Y	10-16-01	1.00	0	0	0	0	0	0	0
Spills-1990	Y	01-01-02	0.25	0	1	4	-	-	14	19
Spills-1980	N	10-18-00	0.25	-	-	-	-	-	-	-
SWL	Y	12-31-00	0.50	0	0	0	0	-	0	0
Permits	N	NA	0.25	-	-	-	-	-	-	-
Other	N	10-01-01	0.25	-	-	-	-	-	-	-
REG UST/AST	Y	01-01-02	0.25	0	0	0	-	-	9	9
Leaking UST	Y	01-01-02	0.50	0	0	0	0	-	8	8
State Wells	N	02-02-98	0.50	-	-	-	-	-	-	-
Aquifers	N	NA	0.50	-	-	-	-	-	-	-
ACEC	N	NA	0.50	-	-	-	-	-	-	-
Wetlands	N	11-20-00	0.50	-	-	-	-	-	-	-
Floodplains	N	04-08-98	0.50	-	-	-	-	-	-	-
Receptors	Y	01-01-95	0.50	0	0	0	0	-	0	0
Nuclear Permits	N	04-30-99	0.50	-	-	-	-	-	-	-
Historic/Landmark	N	03-08-01	0.50	-	-	-	-	-	-	-
Federal Land Use	N	06-17-98	0.50	-	-	-	-	-	-	-
Federal Wells	N	NA	0.50	-	-	-	-	-	-	-
Releases(Air/Water)	Y	01-06-00	0.25	0	0	0	-	-	0	0
- TOTALS -				0	1	4	0	0	37	42

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to DataMap Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in DataMap Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although DataMap Technology Corp. uses its best efforts to research the actual location of each site, DataMap Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of DataMap Technology Corp.'s services proceeding are signifying an understanding of DataMap Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch
Site Information Report

Request Date: 01-24-02
Requestor Name: ROBERT CORYELL
Standard: ASTM

Search Type: COORD
Job Number: 4061.02

Target Address: MEADOW ST
LOCUST VALLEY NY 11560

Demographics

Sites: 42 **Non-Geocoded:** 37 **Population:** NA

Radon: OF THE 5 HOMES TESTED, THE AVG. PCI/L LEVEL WAS 1.4

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-73.579356	-73:34:46	**Easting:**	619660.604
Latitude:	40.901728	40:54:6	**Northing:**	4528607.745
			Zone:	18

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: **0.00 Mile(s)**

ZIP Code	City Name	ST	Dist/Dir	Sel

Services:

	Requested?	Date
Sanborns	N	
Aerial Photographs	Y	01/24/2002
Topo Maps (hardcopy)	N	
City Directories	N	
Title Search	N	
Municipal Reports	N	
Online Topo Map	Y	01/24/2002

Environmental FirstSearch
Sites Summary Report

TARGET SITE: MEADOW ST
LOCUST VALLEY NY 11560

JOB: 4061.02

TOTAL: 42 **GEOCODED:** 5 **NON GEOCODED:** 37 **SELECTED:** 0

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
4	SPILLS	MILL NECK MARINE SERVICES 0025022/ACTIVE	105 HERNAN AVENUE LOCUST VALLEY NY 11560	0.05 SE	4
1	SPILLS	CARLSTROM RESIDENCE 9415180/CLOSED	9 JOHNSTON STREET LOCUST VALLEY NY 11560	0.14 SW	1
2	SPILLS	KHANNA/SKLAVOS PROPERTY 0025186/CLOSED	12 MICHAEL F STREET LOCUST VALLEY NY 11560	0.23 NW	2
5	SPILLS	9605135/CLOSED	HERNAN AVE/BAYVILLE ROAD LOCUST VALLEY NY 11560	0.23 SW	5
3	SPILLS	MARTIN RESIDENCE 9507971/CLOSED	1 FOX LANE LATTINGTOWN NY 11560	0.23 SW	3

Environmental FirstSearch
Sites Summary Report

TARGET SITE: MEADOW ST
LOCUST VALLEY NY 11560

JOB: 4061.02

TOTAL: 42 **GEOCODED:** 5 **NON GEOCODED:** 37 **SELECTED:** 0

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
7	ERNS	162920/UNKNOWN (NRC)	KAINCUCK LANE LOCUST VALLEY NY 11560	NON GC	
12	SPILLS	BABCOCK RESIDENCE 9407351/CLOSED	PIPING ROCK ROAD LOCUST VALLEY NY 11560	NON GC	
13	SPILLS	BAKER RESIDENCE 9414485/CLOSED	KAIMTUCK LANE LOCUST VALLEY NY 11560	NON GC	
35	LUST	BAKER RESIDENCE 9414485/CLOSED	KAIMTUCK LANE LOCUST VALLEY NY 11560	NON GC	
36	LUST	BEAVER DAM SPORTS CLUB 0001574/CLOSED	KAINTUCK LANE LOCUST VALLEY NY	NON GC	
14	SPILLS	COMMANDER 9413012/CLOSED	DUCK POND ROAD LOCUST VALLEY NY 11560	NON GC	
8	FINDS	CONTINENTAL VILLA LOCUST VLY NY0000554949	MELENY RD LOCUST VALLEY NY 11560	NON GC	
37	LUST	CRAIG MYLE ESTATE 9206955/CLOSED	PIPING ROCK ROAD LOCUST VALLEY NY 11560	NON GC	
15	SPILLS	CRAIG MYLE ESTATE 9206955/CLOSED	PIPING ROCK ROAD LOCUST VALLEY NY 11560	NON GC	
26	UST	FRANK S AUTO REPAIR N-057677/ACTIVE FACILITY	BIRCH HILL RD. LOCUST VALLEY NY 11560	NON GC	
27	UST	LCST VLLY CSD BUS GARAGE N-052136/ACTIVE FACILITY	RYEFIELD RD. LOCUST VALLEY NY 11560	NON GC	
19	SPILLS	LILCO 9408346/CLOSED	BUCKRAM ROAD LOCUST VALLEY NY 11560	NON GC	
17	SPILLS	LILCO 9303632/CLOSED	CHICKEN VALLEY ROAD LOCUST VALLEY NY 11560	NON GC	
16	SPILLS	LILCO 9010360/CLOSED	PIPING ROCK ROAD LOCUST VALLEY NY 11560	NON GC	
18	SPILLS	LILCO 9504542/CLOSED	BUCKRAN LOCUST VALLEY NY 11560	NON GC	
20	SPILLS	LOCUST VALLEY BUS 9106910/CLOSED	RYE FIELD ROAD LOCUST VALLEY NY 11560	NON GC	
38	LUST	LOCUST VALLEY BUS 9106910/CLOSED	RYE FIELD ROAD LOCUST VALLEY NY 11560	NON GC	
28	UST	LOCUST VALLEY W.D. WELL 4 N-001345/ACTIVE FACILITY	BUCKRAM RD. LOCUST VALLEY NY 11560	NON GC	
29	UST	LOCUST VALLEY W.D. WELL 5 N-001365/ACTIVE FACILITY	BUCKRAM RD. LOCUST VALLEY NY 11560	NON GC	
30	UST	LOCUST VALLEY W.D. WELL 6 N-001219/ACTIVE FACILITY	10TH & 11TH STS. LOCUST VALLEY NY 11560	NON GC	

Environmental FirstSearch
Sites Summary Report

TARGET SITE: MEADOW ST
LOCUST VALLEY NY 11560

JOB: 4061.02

TOTAL: 42 **GEOCODED:** 5 **NON GEOCODED:** 37 **SELECTED:** 0

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
31	UST	LOCUST VALLEY WATER DISTRICT CBS1-000426/ACTIVE FACILITY	BUCKRAM ROAD EAST OF FIREHOUSE LOCUST VALLEY NY 11560	NON GC	
39	LUST	MICHEAL WEILL 8810070/CLOSED	PEACOCK LANE LATTINGTOWN NY 11560	NON GC	
9	FINDS	NASSAU COUNTY D P W NYD986900009	LOCUST VALLEY RD & FEEKS LN LATTINGTOWN NY 11560	NON GC	
22	SPILLS	NCDPW 9112601/CLOSED	BAYVILLE ROAD LATTINGTOWN NY 11560	NON GC	
40	LUST	NCDPW 9112197/CLOSED	LOCUST VALLEY BAYVILLE RD LATTINGTOWN NY 11560	NON GC	
41	LUST	NCDPW 9112601/CLOSED	BAYVILLE ROAD LATTINGTOWN NY 11560	NON GC	
21	SPILLS	NCDPW 9112197/CLOSED	LOCUST VALLEY BAYVILLE RD LATTINGTOWN NY 11560	NON GC	
10	FINDS	NEW YORK CHIROPRACTIC COLLEGE NYD987005196	RTE 25A & SUGAR TOMS RD OLD BROOKVILLE NY 11560	NON GC	
6	RCRAGN	NEW YORK CHIROPRACTIC COLLEGE NYD987005196/VGN	RTE 25A & SUGAR TOMS RD OLD BROOKVILLE NY 11560	NON GC	
11	FINDS	PIPING ROCK BEACH CLUB NY0001396738	SHEEP LANE & BAYVILLE RD LATTINGTON NY 11560	NON GC	
42	LUST	PIPING ROCK CLUB 9502046/CLOSED	SHEEP LANE LATTINGTOWN NY 11560	NON GC	
23	SPILLS	PIPING ROCK CLUB 9502046/CLOSED	SHEEP LANE LATTINGTOWN NY 11560	NON GC	
24	SPILLS	RESIDENCE 9513830/CLOSED	FEEKS LANE LOCUST VALLEY NY 11560	NON GC	
32	UST	RESIDENCE:HILL N-056751	THORNE LA. LOCUST VALLEY NY 11560	NON GC	
25	SPILLS	UNK 8912286/CLOSED	KAINTUCK LANE LOCUST VALLEY NY 11560	NON GC	
33	UST	WELL #6 SITE CBS1-000383/ACTIVE FACILITY	11TH STREET LOCUST VALLEY NY 11560	NON GC	
34	UST	WELL NO. 5 CBS1-000437/ACTIVE FACILITY	BUCKRAM ROAD (WEST OF FIREHOUS LOCUST VALLEY NY 11560	NON GC	

Environmental FirstSearch
Site Detail Report

TARGET SITE: MEADOW ST
LOCUST VALLEY NY 11560

JOB: 4061.02

STATE SPILLS SITE

SEARCH ID: 4 **DIST/DIR:** 0.05 SE **MAP ID:** 4

NAME: MILL NECK MARINE SERVICES
ADDRESS: 105 HERNAN AVENUE
LOCUST VALLEY NY
CONTACT:

REV: 1/1/02
ID1: 0025022
ID2:
STATUS: ACTIVE
PHONE:

SPILL DATE: 04/21/00
SPILL TIME: 12:00
DATE REPORTED: 04/21/00
TIME REPORTED: 16:11

MATERIAL SPILLED: UNKNOWN HAZARDOUS MATERIAL
MATERIAL CLASS: HAZARDOUS
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

MATERIAL SPILLED: UNKNOWN PETROLEUM
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: HO
RESOURCE AFFECTED: O
WATERBODY AFFECTED:
SOURCE OF SPILL: CO
REPORTED BY: OT
CALLER REMARKS:
MARINA S BEEN ABANDONED FOR 3 YEARS. VARIOUS CONTAINERS & DRUMS ARE STREWN ABOUT. CALLER CLAIMS THAT A BUILDING CONTAINING UNKNOWN MATERIALS IS ABOUT TO FALL INTO MILL NECK BAY. FACILITY IS UNSECURED. 21 LOTS ON THE PROPERTY OWNED BY VARIOUS PARTIES.

REGION: 1
UST TRUST? F

SPILL INVESTIGATOR: CIRRITO 00-012
SPILL CONTACT:
TELEPHONE:

SPILLER: EAST ARTS
ADDRESS: 4469 WHITE CEDAR LANE
DEL RAY BEACH , FL
SPILLER CONTACT: MR. WEINBERGER, ATTY.
TELEPHONE: (516) 484-1234

CALLER:
AGENCY:
TELEPHONE:

NOTIFIER:
AGENCY:
TELEPHONE:

LAST DEC UPDATE: 05/02/00
DOES CLEAN UP MEET STANDARDS? F
CLOSE DATE: / /
PENALTY RECOMMENDED? F
DEC REMARKS:
ADD L POTENTIAL SPILLER INFO: HARVEY WEISSMAN, 916 CAROL AVE, WOODMERE; GKB ASSOCIATES, 194 OLD COUNTRY RD

Environmental FirstSearch
Site Detail Report

TARGET SITE: MEADOW ST

LOCUST VALLEY NY 11560

JOB: 4061.02

STATE SPILLS SITE

SEARCH ID: 1 **DIST/DIR:** 0.14 SW **MAP ID:** 1

NAME: CARLSTROM RESIDENCE
ADDRESS: 9 JOHNSTON STREET
LOCUST VALLEY NY

CONTACT:

REV: 1/1/02
ID1: 9415180
ID2:
STATUS: CLOSED
PHONE:

SPILL DATE: 02/19/95
SPILL TIME: 11:00

DATE REPORTED: 02/19/95
TIME REPORTED: 11:24

MATERIAL SPILLED: #2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: HU
RESOURCE AFFECTED: O
WATERBODY AFFECTED:
SOURCE OF SPILL: PR
REPORTED BY: RE
CALLER REMARKS:
AT ERIC CARLSTROM RESIDENCE, ON BRICKS, CLEANED UP

REGION: 1

UST TRUST? F

SPILL INVESTIGATOR: NONE
SPILL CONTACT:

TELEPHONE:

SPILLER: COMMANDER
ADDRESS:

SPILLER CONTACT:

TELEPHONE:

CALLER:
AGENCY:
TELEPHONE:

NOTIFIER:
AGENCY:
TELEPHONE:

LAST DEC UPDATE: 02/08/01
DOES CLEAN UP MEET STANDARDS? T
DEC REMARKS:
02/22/95: NO RESPONSE NEEDED.

CLOSE DATE: 02/22/95
PENALTY RECOMMENDED? F

TARGET SITE: MEADOW ST
LOCUST VALLEY NY 11560

JOB: 4061.02

STATE SPILLS SITE

SEARCH ID: 2 **DIST/DIR:** 0.23 NW **MAP ID:** 2

NAME: KHANNA/SKLAVOS PROPERTY
ADDRESS: 12 MICHAEL F STREET
LOCUST VALLEY NY
CONTACT:

REV: 1/1/02
ID1: 0025186
ID2:
STATUS: CLOSED
PHONE:

SPILL DATE: 08/17/00
SPILL TIME: 10:14

DATE REPORTED: 08/17/00
TIME REPORTED: 10:15

MATERIAL SPILLED: #2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: OT
RESOURCE AFFECTED: O
WATERBODY AFFECTED:
SOURCE OF SPILL: PR
REPORTED BY: OT
CALLER REMARKS:
CALLER WAS HIRED BY POTENTIAL BUYER TO PERFORM SOIL TESTING. FOUND TPH (TOTAL PETROLEUM HYDROCARBONS) AROUND TANK. HE FIRST CALLED DEC AUG10 TO DISCUSS. DEC (D RAYMOND) ADVISED HIM TO DISCUSS WITH HIS CLIENT AND EITHER GET A SPILL NUMBER IMMEDIATELY OR SUBMIT INFORMATION TO DEC FOR REVIEW. BUYER (ALEX SKLAVOS 516-248-4000) CALLED AUG15. HE DECIDED TO GO AHEAD AND GET A SPILL NUMBER. SAID HOUSE WAS BOUGHT IN FORECLOSURE SALE APPROX 9 MONTHS AGO, AND HE IS BUYING THE HOUSE FROM THAT PARTY, SO HE PROBABLY CAN T TRACK CONSUMPTION RECORDS. HE THEN FAXED THE SOIL DATA- 2 BORINGS PERFORMED. ONE FOUND 172PPM OF TPH AT APPROX 78 DEEP, THE OTHER FOUND 200PPM OF TPH AT APPROX 28 DEEP. DEC (D RAYMOND) INFORMED SKLAVOS HE WANTED TO SPEAK TO DAVIS FIRST TO OBTAIN MORE DETAILS. DAVIS CALLED 17AUG- BELIEVE TANK TO BE A 550GAL. SAID THERE WAS NO ODOR OR STAINING TO THE SAMPLES. THERE WAS NO FIELD SCREENING/SAMPLING FROM TOP OF TANK AREA.

REGION: 1 **UST TRUST?** F

SPILL INVESTIGATOR: RAYMOND 00-061
SPILL CONTACT: MIKE DAVIS **TELEPHONE:** (800) 866-8378

SPILLER: ASHWANI KHANNA PROPERTY
ADDRESS: 85-19 262ND STREET
FLORAL PARK , NY 11001-
SPILLER CONTACT: **TELEPHONE:** ( ) -

CALLER:
AGENCY:
TELEPHONE:

NOTIFIER:
AGENCY:
TELEPHONE:

LAST DEC UPDATE: 07/10/01
DOES CLEAN UP MEET STANDARDS? T
CLOSE DATE: 07/10/01
PENALTY RECOMMENDED? F
DEC REMARKS:
08/10/00 (A): CONSULTANT FOR POTENTIAL BUYER CALLED TO DISCUSS RESULTS OF SOIL SAMPLING; SPOKE TO DEC (D RAYMOND). 08/10/00 (B): SOIL TESTING (TOTAL PETROLEUM HYDROCARBONS) HAD BEEN PERFORMED AND INDICATED POSSIBLE PROBLEM. DEC ADVISED CALLER THAT WE DO NOT RECOGNIZE THAT TEST, AS IT IS SUBJECT TO TOO MANY POTENTIAL INTERFERENCES, DOES NOT SPECIFY WHETHER THE CONTAMINATION IS PETROLEUM, AND THERE ARE NO GUIDANCE VALUES FOR TPH. 08/10/00 (C): ADVISED CALLER TO EITHER OBTAIN SPILL NUMBER IMMEDIATELY, OR PROVIDE THE DATA TO DEC FOR REVIEW ALONG WITH OTHER FACTORS FOR A DETERMINATION HOW TO PROCEED.

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: MEADOW ST

LOCUST VALLEY NY 11560

JOB: 4061.02

STATE SPILLS SITE

SEARCH ID: 2 **DIST/DIR:** 0.23 NW **MAP ID:** 2

NAME: KHANNA/SKLAVOS PROPERTY
ADDRESS: 12 MICHAEL F STREET
LOCUST VALLEY NY

CONTACT:

REV: 1/1/02
ID1: 0025186
ID2:
STATUS: CLOSED
PHONE:

08/15/00 (A): THE BUYER (ALEX SKLAVOS) CALLED TO DISCUSS THE INCIDENT- HE HAD DECIDED TO HAVE THE INCIDENT REPORTED. 08/15/00 (B): THE HOUSE WAS BOUGHT AT A FORECLOSURE APPROX 9 MONTHS PRIOR, SO IT WAS UNLIKELY HE COULD CHECK THE OIL DELIVERY RECORDS. 08/17/00 (A): THE CONSULTANT CALLED TO FORMALLY REPORT THE INCIDENT. 08/17/00 (B): HE BELIEVED THE TANK TO BE A 550GAL. 08/17/00 (C): HE REPORTED THAT THEY HAD NOT NOTICED ANY SOIL STAINING, PETROLEUM ODOR, ETC WHILE PERFORMING THE SAMPLING. 08/17/00 (D): DEC THEN SPOKE TO SKLAVOS- REQUESTED A COPY OF THE SOIL DATA. 08/17/00 (E): SKLAVOS FAXED A COPY OF THE SOIL DATA- TWO BORINGS HAD BEEN PERFORMED. ONE FOUND APPROX 172PPM OF TPH AT APPROX 78 DEEP, THE OTHER FOUND APPROX 200PPM AT APPROX 28 DEEP. 08/17/00 (F): THE CONSULTANT S LETTER PROVIDED A DESCRIPTION OF WHERE THE SAMPLES HAD BEEN TAKEN, BUT NO ACTUAL SKETCH. 08/00: DEC (D RAYMOND & K GOMEZ) DISCUSSED- BASED UPON VARIOUS FACTORS, NO FURTHER ACTION WOULD BE REQUIRED BY DEC AT THIS TIME. 08/23/00 (A): SENT LETTER OF DECISION TO BUYER. ADVISED HIM TO CONTACT THE NASSAU COUNTY HEALTH DEPARTMENT IF HE WISHED TO TAKE THE TANK OUT OF SERVICE. 08/23/00 (B): FAXED COPY OF LETTER TO THE NCHD. 04/20/01: SENT FAX TO THE NCHD- DID SKLAVOS TANK THE TANK OUT OF SERVICE? 05/11/01: RECEIVED REPLY FROM THE NCHD- TANK WAS ABANDONED 4DEC00.

Environmental FirstSearch
Site Detail Report

TARGET SITE: MEADOW ST

LOCUST VALLEY NY 11560

JOB: 4061.02

STATE SPILLS SITE

SEARCH ID: 5 **DIST/DIR:** 0.23 SW **MAP ID:** 5

NAME:
ADDRESS: HERNAN AVE/BAYVILLE ROAD
LOCUST VALLEY NY
CONTACT:

REV: 1/1/02
ID1: 9605135
ID2:
STATUS: CLOSED
PHONE:

SPILL DATE: 07/18/96
SPILL TIME: 16:00

DATE REPORTED: 07/19/96
TIME REPORTED: 16:49

MATERIAL SPILLED: OTHER PETROLEUM
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: UN
RESOURCE AFFECTED: A
WATERBODY AFFECTED:
SOURCE OF SPILL: UN
REPORTED BY: CI
CALLER REMARKS:
COMPLAINT NOTICED A SMELL OF OIL IN THE AIR.OIL IS NOT VISIBLE. UNKNOWN WHERE EXACTLY WHERE IT IS COMING FROM.APPEARS A VERY STRONG SMELL.

REGION: 1

UST TRUST? F

SPILL INVESTIGATOR: NONE
SPILL CONTACT: N/A

TELEPHONE:

SPILLER: UNKNOWN
ADDRESS:

SPILLER CONTACT:

TELEPHONE:

CALLER:
AGENCY:
TELEPHONE:

NOTIFIER:
AGENCY:
TELEPHONE:

LAST DEC UPDATE: 07/23/96
DOES CLEAN UP MEET STANDARDS? T
DEC REMARKS:

CLOSE DATE: 07/22/96
PENALTY RECOMMENDED? F

Environmental FirstSearch
Site Detail Report

TARGET SITE: MEADOW ST

LOCUST VALLEY NY 11560

JOB: 4061.02

STATE SPILLS SITE

SEARCH ID: 3 **DIST/DIR:** 0.23 SW **MAP ID:** 3

NAME: MARTIN RESIDENCE
ADDRESS: 1 FOX LANE
LATTINGTOWN NY

CONTACT:

REV: 1/1/02
ID1: 9507971
ID2:
STATUS: CLOSED
PHONE:

SPILL DATE: 09/28/95
SPILL TIME: 12:00

DATE REPORTED: 09/28/95
TIME REPORTED: 16:41

MATERIAL SPILLED: #2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 20 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: EQ
RESOURCE AFFECTED: O
WATERBODY AFFECTED:
SOURCE OF SPILL: PR
REPORTED BY: AF
CALLER REMARKS:
AT MARTIN RESIDENCE, COASTAL DEL OIL 2 DAYS AGO, POSS CRACK IN FILL PIPE, MILRO ENROUTE TO CLEANUP

REGION: 1 **UST TRUST?** F

SPILL INVESTIGATOR: GIBBONS
SPILL CONTACT:
TELEPHONE:

SPILLER: COASTAL OIL
ADDRESS:

SPILLER CONTACT:
TELEPHONE:

CALLER:
AGENCY:
TELEPHONE:

NOTIFIER:
AGENCY:
TELEPHONE:

LAST DEC UPDATE: 02/13/01
DOES CLEAN UP MEET STANDARDS? T
DEC REMARKS:
CONTAMINATED SOIL REMOVED & DISPOSED OF. FILL PIPE NOT FOUND

CLOSE DATE: 12/14/95
PENALTY RECOMMENDED? F

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

TARGET SITE: MEADOW ST

LOCUST VALLEY NY 11560

JOB: 4061.02

Street Name	Dist/Dir	Street Name	Dist/Dir
Allen Dr	0.22 NW		
Andrew Pl	0.18 SW		
Bayview Pl	0.05 SW		
Bayville Rd	0.23 NW		
Davis Pl	0.16 NW		
Fox Ln	0.23 SW		
George St	0.09 SW		
Herman Ave	0.05 SE		
Hickory Rd	0.20 NE		
Johnston Ave	0.13 SW		
Meadow St	0.02 SW		
Meleny Rd	0.22 NW		
Michael F St	0.16 NW		
Millford Dr	0.11 SW		
Summit View Dr	0.24 NE		
Walton Ave	0.09 NW		

Environmental FirstSearch

1 Mile Radius

ASTM Map: NPL, RCRACOR, STATE Sites

MEADOW ST, LOCUST VALLEY NY 11560

Source: 1999 U.S. Census TIGER Files

Target Site (Latitude: 40.901728 Longitude: -73.579356) .....

Identified Site, Multiple Sites, Receptor .....

NPL, Solid Waste Landfill (SWL) or Hazardous Waste .....

Railroads .....

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.5 Mile Radius

ASTM Map: CERCLIS, RCRATSD, LUST, SWL

MEADOW ST, LOCUST VALLEY NY 11560

Source: 1999 U.S. Census TIGER Files

Target Site (Latitude: 40.901728 Longitude: -73.579356) .....

Identified Site, Multiple Sites, Receptor .....

NPL, Solid Waste Landfill (SWL) or Hazardous Waste .....

Railroads .....

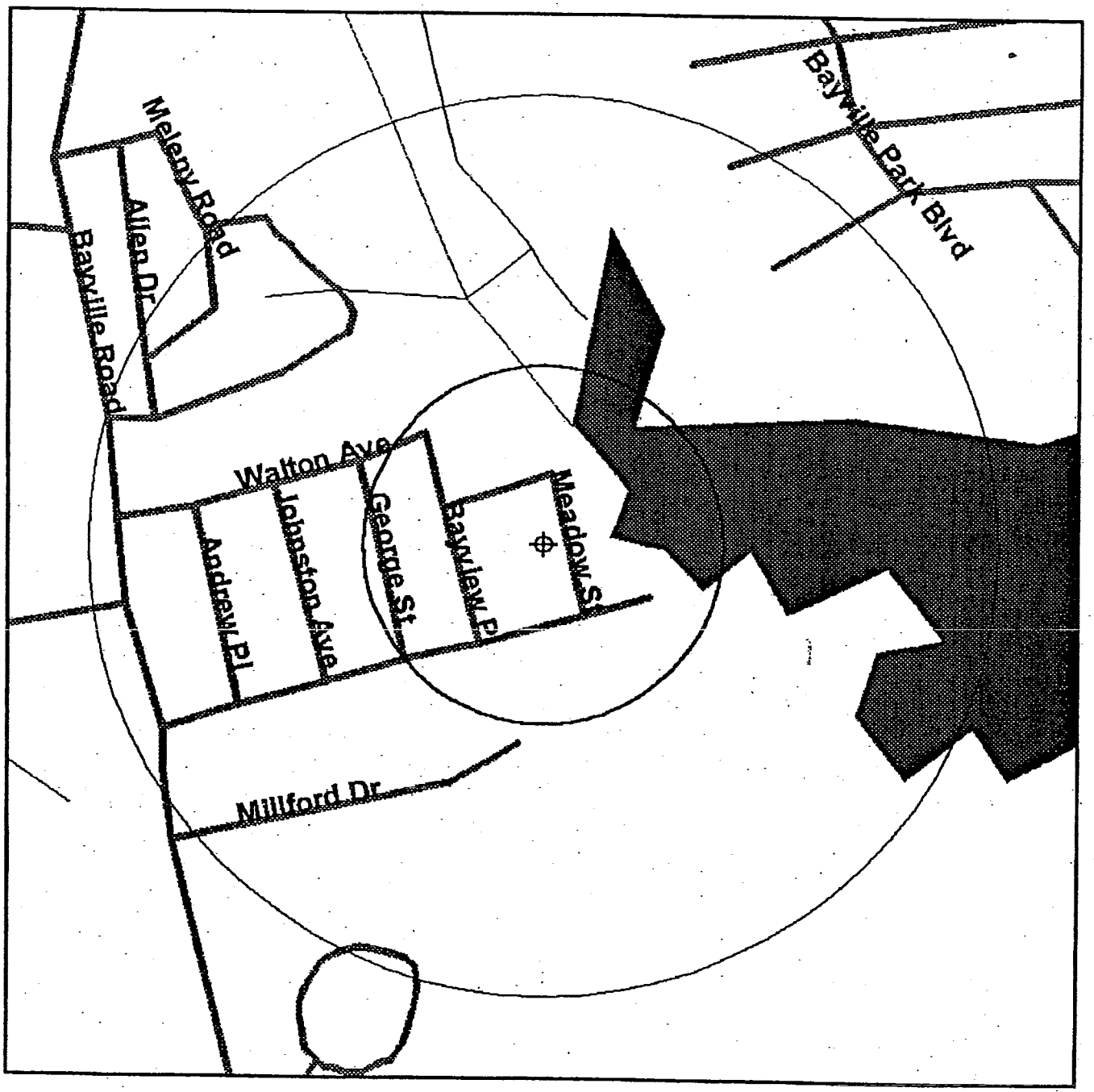
Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

ASTM Map: RCRAGEN, ERNS, UST

MEADOW ST, LOCUST VALLEY NY 11560



Source: 1999 U.S. Census TIGER Files

Target Site (Latitude: 40.901728 Longitude: -73.579356) .....

Identified Site, Multiple Sites, Receptor .....

NPL, Solid Waste Landfill (SWL) or Hazardous Waste .....

Railroads .....

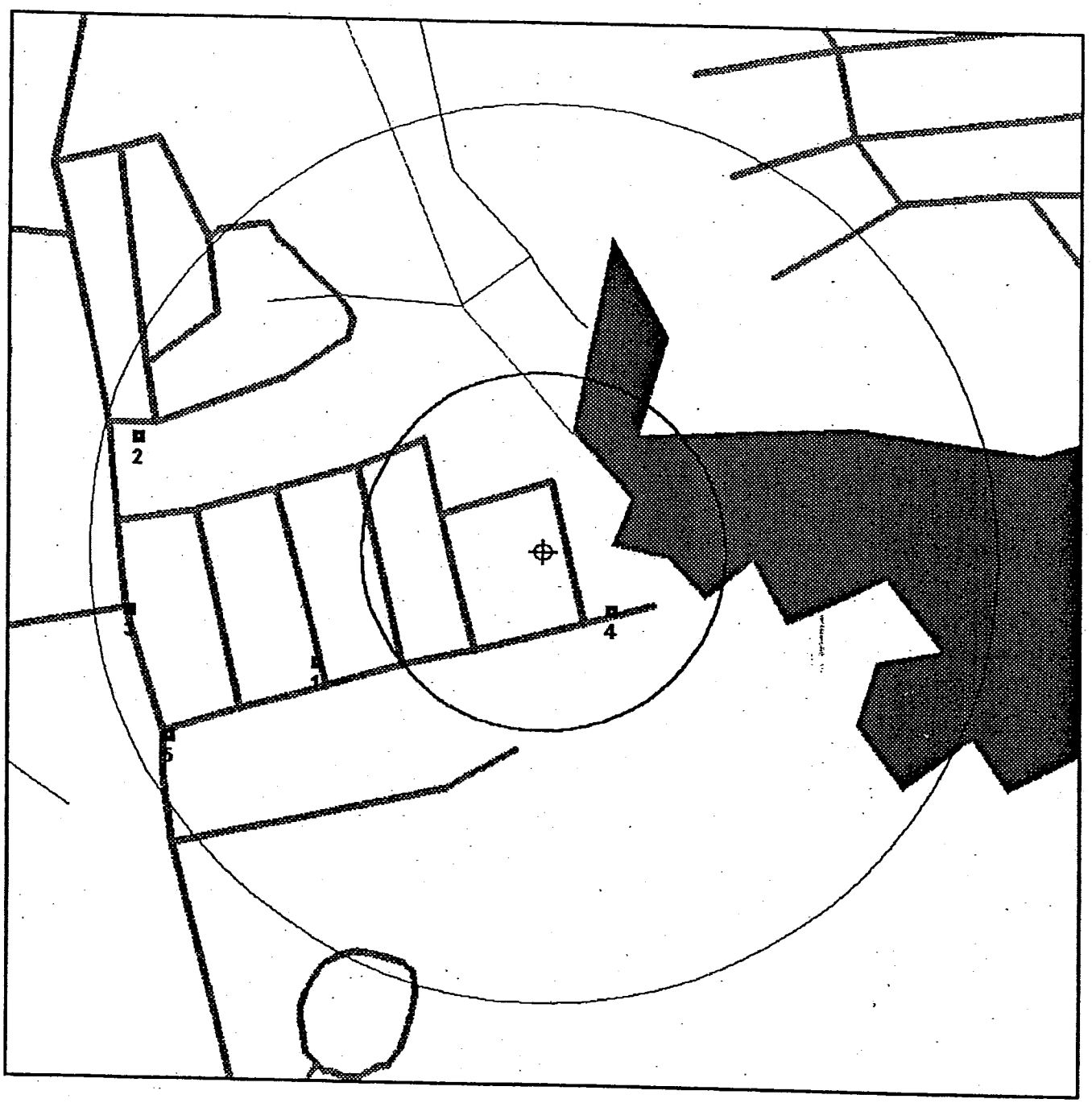
Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

Non-ASTM Map: Spills 90

MEADOW ST, LOCUST VALLEY NY 11560



Source: 1999 U.S. Census TIGER Files

Target Site (Latitude: 40.901728 Longitude: -73.579356)

Identified Site, Multiple Sites, Receptor

NPL, Solid Waste Landfill (SWL) or Hazardous Waste

National Historic Sites and Landmark Sites

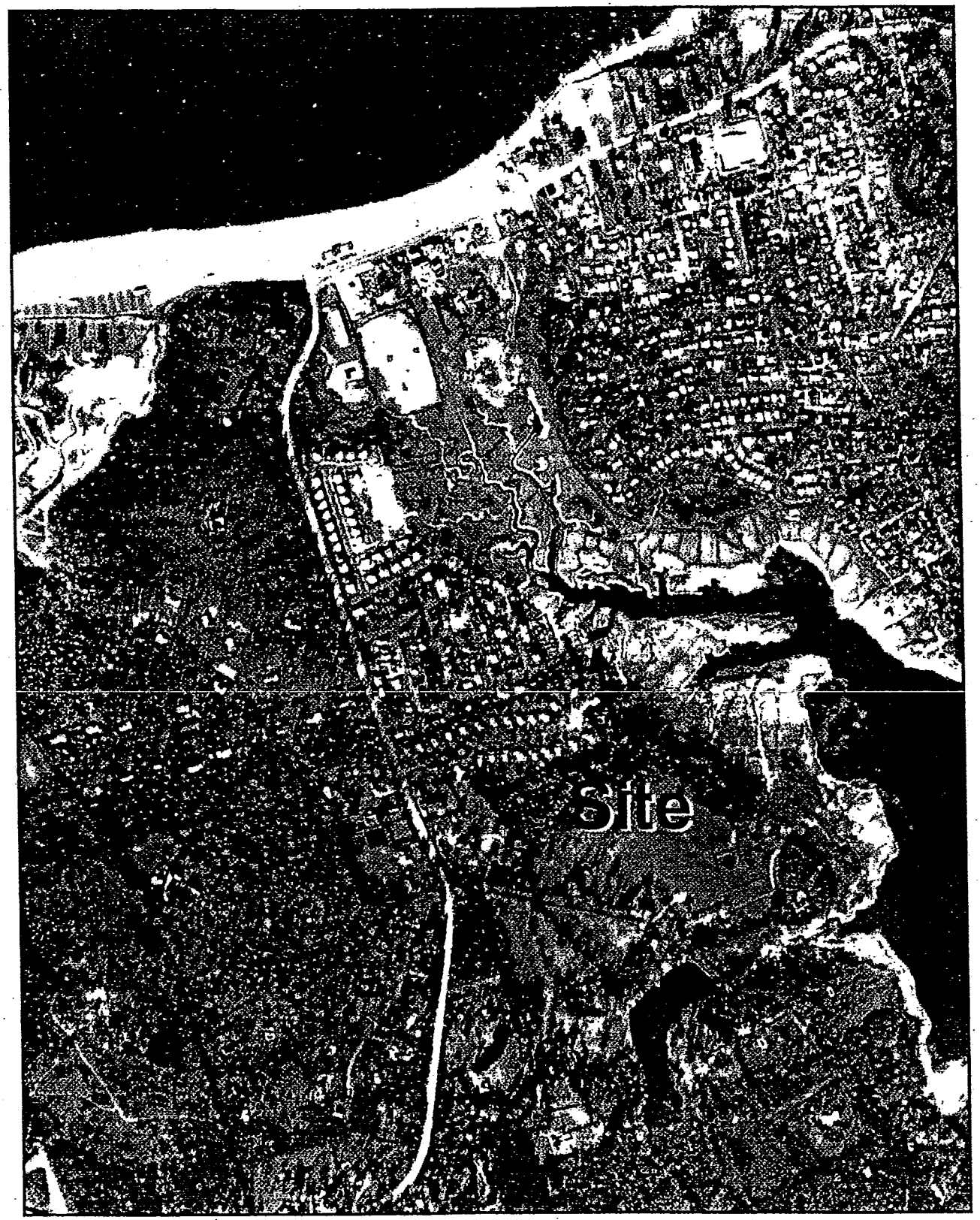
Railroads

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

APPENDIX V
HISTORICAL AERIAL PHOTOGRAPHS

SITE: Mill Neck Bay Marina, Locust Valley, NY

Year: 1953
Scale: 1" = 750'

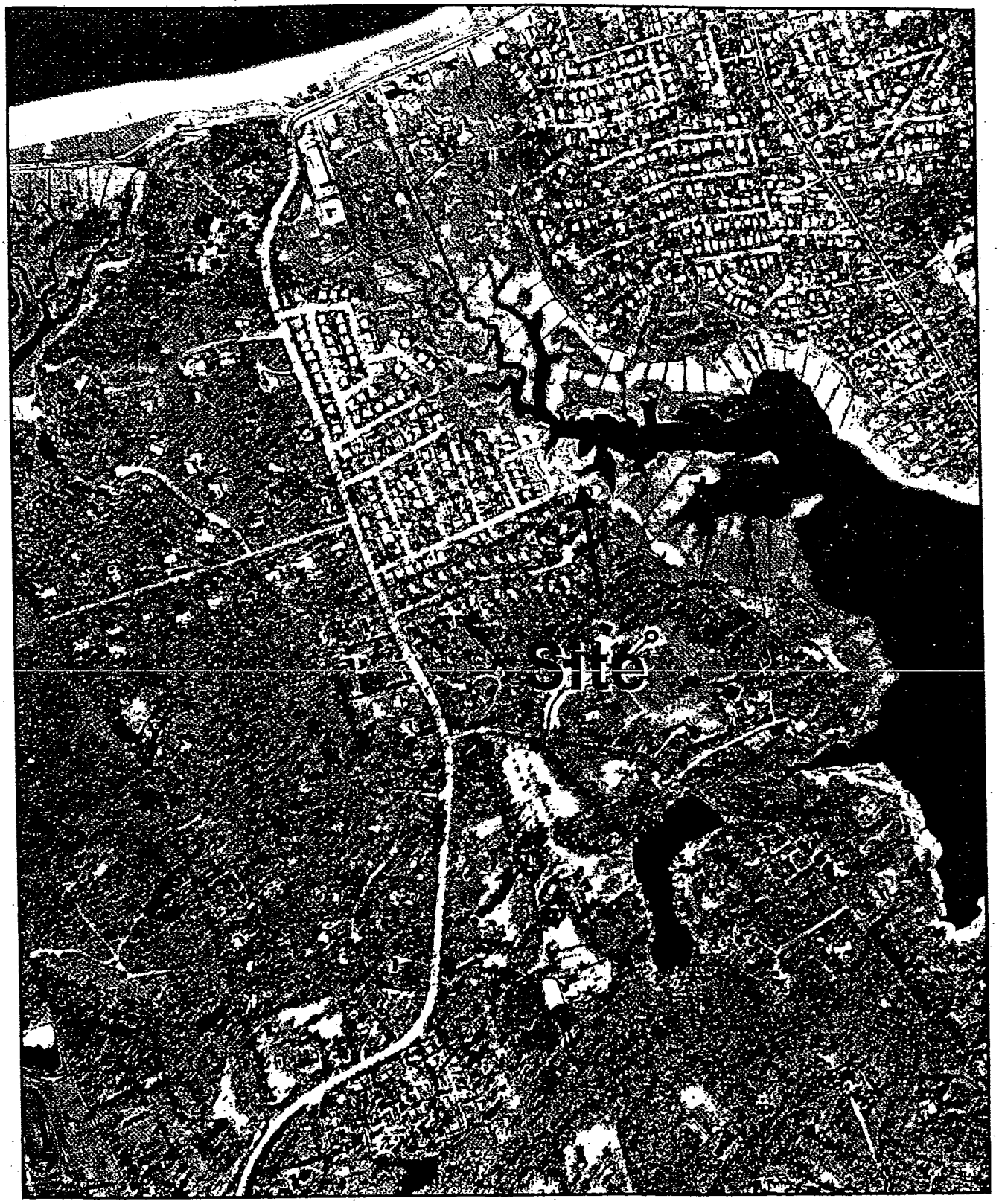


SITE: Mill Neck Bay Marina, Locust Valley, NY

Year: 1966
Scale: 1" = 750'

SITE: Mill Neck Bay Marina, Locust Valley, NY

Year: 1974
Scale: 1" = 750'



SITE: Mill Neck Bay Marina, Locust Valley, NY

Year: 1980
Scale: 1" = 750'

SITE: Mill Neck Bay Marina, Locust Valley, NY

Year: 1994
Scale: 1" = 833'

SUBSURFACE INVESTIGATION OF SOIL CONDITIONS

at

FORMER MILL NECK MARINA
HERNAN AVENUE
LOCUST VALLEY, NEW YORK

PREPARED FOR

OTS ASSOCIATES, INC.
759 LONGACRE AVENUE
WOODMERE, NEW YORK

PREPARED BY

BEi

BERNINGER ENVIRONMENTAL, INC.

NOVEMBER 2005

Berninger Environmental, Inc.

groundwater consultants and geologists
90-B Knickerbocker Avenue
Bohemia • New York • 11716

Phone: 631 • 589 • 6521
Fax: 631 • 589 • 6528

November 2, 2005

Mr. Harvey Weisman
OTS Associates, Inc.
759 Longacre Avenue
Woodmere, New York 11598

Re: Environmental Services
Portions of Former Mill Neck Bay Marina
Hernan Avenue
Locust Valley, New York

Dear Mr. Weisman:

This report summarizes the findings of environmental investigation activities conducted by Berninger Environmental Inc. (BEI) to further evaluate the presence of heavy metals in soils at the subject property relative to the historic use of the subject property as a marina and boat yard. The subject property had been historically part of the former Mill Neck Marina. The property is adjoined to the east by Mill Neck Creek and to the north, south and west by residential development. The subject property is defined in the Nassau County Tax Maps as Section 29 Block 39 Lot Nos. 313 through 321 and 327 through 331, as well as, Section 29 Block 40 Lot Nos. 334 through 338 and 348.

Locations based on what? from the Site Plan?

A prior environmental study (by others) at the former marina (including portions of the study property) had identified heavy metals in soils at concentrations exceeding applicable regulatory action levels.

SOIL INVESTIGATION ACTIVITIES

On August 25 and 26, 2005 BEI conducted soil investigation activities at the subject property. Soil sampling locations were selected based upon a review of a *Site Plan For Use by the Locust Valley Water Department* prepared by Lewis E. Mosscrop P.L.S. dated November 10, 2000 (Figure 1). Furthermore, locations of former features at the subject property were confirmed based upon a review of New York State Tidal Wetlands Map No. 618-528. Soil Investigation activities are documented in the attached photographic log.

The subject property was heavily developed with vegetation during the investigation activities. Therefore, in order to locate proposed soil boring locations, some vegetation was required to be cleared utilizing machetes and other manually operated equipment.

A series of twelve soil borings (B-1 through B-12) were installed across the subject property

utilizing decontaminated manually operated, stainless steel sampling probes. Soil samples we collected on a nominal-continuous basis until groundwater was encountered (ranging in dep between six inches and 3 feet below grade surface (bgs)). Groundwater was generally deeper at t southwestern portion of the property (approximately 2.5 to 3 feet bgs) and generally more shall at the eastern and northern portions of the subject property. It should be noted that during sampli activities, the local tide level was low indicating that the water table underlying the subject prope was similarly "low" and is expected to be shallower during higher tides.

Nominal Continuous

Soil samples were screened for visual and olfactory evidence of impact. Fill material was encountered in all borings to depths ranging from six inches to greater than 2.5 feet bgs. Fill material observed within soil borings included, but were not limited to brick, concrete, glass, metal, etc. A higher concentration of fill material was observed at the northwestern portion of the property (B-5 and B-6) extending into groundwater and was consistently observed to the terminal depth of the borings (2.5 feet bgs).

Laboratory Analysis

Soil samples collected ranging in depths from 0 to 3 inches, 6 inches to1 foot and from 1 to 1.5 feet bgs were submitted for laboratory analysis for NYSDEC Target Analyte List (TAL) Metals by the EPA 6010/7471 Series. The laboratory analysis was conducted by American Analytical Laboratories, a New York State Department of Health (NYSDOH) ELAP-certified laboratory under appropriate chain of custody protocols. Laboratory data sheets are included in Appendix A.

The results of the analysis of the soil samples were compared to NYSDEC Recommended Soil Clean-up Objectives (RSCOs) and the acceptable Eastern United States Background concentrations (EUS BC) set forth in the NYSDEC Division Technical and Administrative Guidance Memorandum(TAGM): *Determination of Soil Clean-up Objectives and Clean-up Levels* revised April 1995 and updated in August 2001.

As indicated in Table 1, numerous TAL metals were detected in all of the shallow soil samples. With the exception of shallow samples collected from borings B-2 and B-4 (at the southwestern and central western portions), each of the shallow samples collected from the subject property contained one or more of the following metals at concentrations exceeding their applicable NYSDEC RSCOs: arsenic (B-3, B-11 and B-12), calcium (B-7), copper (B-1, B-3 and B-5 through B-12), lead (B-1, B-5, B-11 and B-12), magnesium (B-7 through B-10), zinc (B-1, B-3 and B-5 through B-12) and mercury (B-1, B-3 and B-8 through B-12). Several metals were also detected at concentrations exceeding their NYSDEC RSCOs, but were within the acceptable range in EUS BC in each of the shallow soil samples.

high levels of metals

Based upon the presence of the aforementioned metals in concentrations exceeding both their NYSDEC RSCOs and EUS BC, deeper samples collected from B-1, B-3, B-7 through B-12 were submitted for laboratory analysis for those metals detected in concentrations exceeding the applicable regulatory guidance values.

As depicted in Table 1, the analytical results of the deeper soil samples indicated that zinc was detected at a concentration exceeding its applicable NYSDEC RSCO at B-1, B-3, B-8, B-10 , B-11

and B-12. However, as zinc is not a RCRA-regulated metal, BEI does not believe that the concentration of zinc in these soil samples represents a significant environmental concern.

The deeper samples collected from B-8 through B-10 and B-12 contained one or more of the following metals at concentrations exceeding NYSDEC RSCOs and EUS BC: arsenic (B-12), copper (B-8, B-10 and B-12), lead (B-12)[1], zinc (B-8, B-10 and B-12) and mercury (B-8,B-9, B-10 and B-12).

As indicated in Table 1, the B-12 deeper sample contained the higher concentrations of metals of the deeper samples analyzed. Therefore, this sample was selected for analysis for Toxicity Characteristic Leaching Procedure (TCLP) list metals by the EPA 6010B/7471B Series to ascertain the leaching potential of the metals and whether it was RCRA-characterized as hazardous. This sampling location corresponds to the former location of the marina building.

In an attempt to characterize the metals within the soils for proposed excavation and disposal, the results of the TCLP analysis were compared to the USEPA Toxicity Characteristic Concentrations. The only two metals detected in the analysis were barium (1.73 milligrams per liter (mg/L)) and lead (5.12 mg/L). The detected concentration of lead exceeds its USEPA Toxicity Characteristic Concentration of 5 mg/L.

SUMMARY AND CONCLUSIONS

Based upon field observations and laboratory analysis of shallow and deeper soil samples collected from across the subject property, BEI offers the following conclusions:

- Fill materials were encountered in soil borings installed throughout the entire subject property ranging in depths from 1.5 to a minimum of 2.5 feet bgs and into groundwater (identified ranging in depth from six inches and three feet bgs);
- With the exception of two locations at the southwestern and central western portions of the property (B-2 and B-4), select metals were detected in shallow soil samples at concentrations exceeding their applicable regulatory guidance values;
- Analysis of deeper soil samples indicated that metal related soil impacts (at concentrations exceeding applicable regulatory guidance values) extended to depths up to 2.5 feet bgs in borings B-5, B-9, B-9, B-10 and B-12, and were generally located at the easternmost and northwesterly portions of the property;
- A TCLP analysis of the deeper soil sample collected from B-12 indicated that lead was present at a concentration (5.12 mg/L) exceeding its USEPA toxicity characteristic concentration. Any soils containing lead at this concentration, excavated from the property would be required to be handled as "hazardous waste".

[1]No surficial sample was analyzed from B-5, as a sample from 1 to 1.5 feet bgs was submitted for analysis.

Based upon the findings of the soil investigation, BEI attempted to estimate the areas of shallow and deep soil impacts, as well as the area potentially containing lead at "hazardous" concentrations. The delineation of shallow and deeper soils are provided in the attached Figure 2A Shallow and 2A Deep.

Should you have any questions or concerns, please do not hesitate to contact either of the undersigned.

Sincerely,
Berninger Environmental, Inc.

Walter Berninger
President/Consultant

William Schlageter
Hydrogeologist

Enc.

TABLES

Table 1

TAL Metals Detected in Soil Samples
Hernan Avenue, Locus Valley, New York

	Surficial/Shallow Soil Samples											
	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-12
TAL Metals (mg/kg)	6 in. to 1 ft	0 to 3 in.	6 in. to 1 ft	0 to 3 in.	1 ft to 1.5 ft.	0 to 3 in.	0 to 3 in.	0 to 3 in.	0 to 3 in.	0 to 3 in.	0 to 3 in.	0 to 3 in.
Aluminum	5,620	9,250	6,280	2,600	2,210	2,540	3,360	3,660	3,700	3,990	3,840	4,710
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.93	0.811
Arsenic	11.1	4.10	13.9	1.64	4.10	7.12	2.22	3.37	5.84	[illegible]	35.2	12.1
Barium	145	53.6	92.3	10.1	110	119	20.1	26.0	77.6	53.5	159	131
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.23	ND	0.769	ND	0.694	1.93	ND	0.411	0.466	0.964	2.19	0.480
Calcium	2,410	1,270	1,970	828	21,400	2,490	46,200	17,400	23,100	9,960	2,990	868
Chromium	12.0	21.6	14.9	6.81	5.58	8.90	6.74	8.40	7.96	13.2	17.1	12.4
Cobalt	10.7	12.3	11.5	3.86	6.98	19.3	4.27	4.52	5.58	6.76	9.72	6.66
Copper	178	15.5	158	6.72	221	106	249	302	134	382	434	253
Iron	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Lead	[illegible]	29.8	192	9.37	647	116	34.7	56.9	118	122	[illegible]	[illegible]
Magnesium	679	2,450	752	706	1,930	332	23,500	10,700	12,900	6,140	2,070	1,440
Manganese	175	449	186	83.1	448	190	149	125	115	171	102	123
Nickel	[illegible]	[illegible]	11.9	4.72	5.71	14.7	6.31	5.96	7.36	9.33	[illegible]	7.57
Potassium	563	1,310	538	292	281	302	517	330	594	509	580	589
Selenium	ND	ND	0.908	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	0.232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	201	86.0	180	80.2	123	220	189	151	228	174	937	921
Thallium	ND	ND	ND	ND	ND	ND	0.348	ND	ND	ND	ND	ND
Vanadium	20.3	22.8	25.9	7.60	6.37	19.1	8.31	9.06	13.4	11.7	15.4	11.0
Zinc	581	[illegible]	256	[illegible]	344	441	52.3	88.2	111	172	571	328
Mercury	1.35	0.0591	9.46	0.0196	[illegible]	0.0933	[illegible]	0.377	3.06	0.938	13.6	14.1

	Deeper Soil Samples								NYSDEC TAGM	
	B-1	B-3	B-7	B-8	B-9	B-10	B-11	B-12		
TAL Metals (mg/kg)	2 to 2.5 ft.	2 to 2.5 ft.	1 to 1.25 ft.	1 to 1.25 ft.	1 to 1.25 ft.	1 to 1.25 ft.	1 to 1.25 ft.	1 to 1.25 ft.	EUSA BG	RSCO
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	33,000	SB
Antimony	NA	NA	NA	NA	NA	NA	NA	NA	NA	SB
Arsenic	NA	1.90	NA	NA	NA	NA	1.35	31.1	3 to 12	7.5 or SB
Barium	NA	NA	NA	NA	NA	NA	NA	NA	15 to 600	300 or SB
Beryllium	NA	NA	NA	NA	NA	NA	NA	NA	0 to 1.75	0.16 (HEAST) or SB
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	0.1 to 1	10
Calcium	NA	NA	2,040	NA	NA	NA	NA	NA	130 to 35,000	SB
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	1.5 to 40	50
Cobalt	NA	NA	NA	NA	NA	NA	NA	NA	2.5 to 60	30 or SB
Copper	8.39	4.98	22.1	77.6	17.5	62.0	6.48	629	1 to 50	25 or SB
Iron	NA	NA	NA	NA	NA	NA	NA	NA	2,000 to 550,000	2,000 or SB
Lead	24.8	8.66	19.8	NA	26.8	70.7	6.96	709	61 to 500	200
Magnesium	NA	NA	1,460	2,610	852	1,810	NA	NA	100 to 5,000	SB
Manganese	NA	NA	NA	NA	NA	NA	NA	NA	50 to 5,000	SB
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	0.5 to 25	13 or SB
Potassium	NA	NA	NA	NA	NA	NA	NA	NA	8,500 to 43,000	SB
Selenium	NA	NA	NA	NA	NA	NA	NA	NA	0.1 to 3.9	2 or SB
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	SB
Sodium	NA	NA	NA	NA	NA	NA	NA	NA	6,000 to 8,000	SB
Thallium	NA	NA	NA	NA	NA	NA	NA	NA	NA	SB
Vanadium	NA	NA	NA	NA	NA	NA	NA	NA	1 to 300	150 or SB
Zinc	54.8	221	[illegible]	76.4	[illegible]	63.0	73.5	390	9 to 50	20 or SB
Mercury	0.0769	0.0465	0.065	0.669	0.232	0.373	0.0812	35.5	0.001 to 0.2	0.1

Notes:
NYSDEC TAGM - Recommended Soil Cleanup Objectives,
HWR-94-4046, Revised 4/95 and 2000 NYSDEC STARS.
RSCO - Recommended Soil Cleanup Objective.
EUSA BG - Eastern USA Background
ND - Analyte was not detected above method detection limit.
NA - Not Analyzed / Not Available.
SB - Site Background.
B - Analyte detected in the associated Method Blank.
Bolded values indicates detected concentration exceeded NYSDEC RSCO and applicable eastern US background concentration.
Italicized and underlined values indicate metal was detected above RSCO but below eastern US background concentration.

Table 2

TAL Metals Detected in Soil Samples
Hernan Avenue, Lattingtown, New York

TAL Metals (mg/kg)	B-1	B-1	B-2	B-3	B-3	B-4	B-5	B-6	B-7	B-7	B-8	B-8	B-9	B-9	B-10	B-10	B-11	B-11	B-12	B-12	NYSDEC TAGM	
	6 in to 1 ft.	2 to 2.5 ft.	0 to 3 in.	6 in to 1 ft.	2 to 2.5 ft.	0 to 3 in.	1 ft to 1.5 ft.	0 to 3 in.	0 to 3 in.	1 to 1.25 ft.	0 to 3 in.	1 to 1.25 ft.	0 to 3 in.	1 to 2.25 ft.	0 to 3 in.	1 to 1.25 ft.	0 to 3 in.	1 to 1.25 ft.	0 to 3 in.	1 to 1.25 ft.	EUSA BG	RSCO
Aluminum	5,620	NA	9,250	6,280	NA	2,600	2,210	2,540	3,360	NA	3,660	NA	3,700	NA	3,990	NA	3,840	NA	4,710	NA	33,000	SB
Antimony	ND	NA	ND	ND	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	5.93	NA	0.811	NA	NA	SB
Arsenic	11.1	NA	4.10	13.7	1.90	1.64	4.10	7.12	2.22	NA	3.37	NA	5.84	NA	[illegible]	NA	35.2	1.35	12.1	31.1	3 to 12	7.5 or SB
Barium	145	NA	53.6	92.3	NA	10.1	110	119	20.1	NA	26.0	NA	77.6	NA	53.7	NA	159	NA	131	NA	15 to 600	300 or SB
Beryllium	ND	NA	ND	ND	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	0 to 1.75	0.16 (HEAST) or SB
Cadmium	2.23	NA	ND	0.769	NA	ND	0.694	1.93	ND	NA	0.411	NA	0.466	NA	0.964	NA	2.19	NA	0.480	NA	0.1 to 1	10
Calcium	2,410	NA	1,270	1,970	NA	828	21,400	2,490	40,200	2,040	17,400	NA	23,100	NA	9,960	NA	2,990	NA	868	NA	130 to 35,000	SB
Chromium	12.0	NA	21.6	14.9	NA	6.81	5.58	8.90	6.74	NA	8.40	NA	7.96	NA	13.2	NA	17.1	NA	12.4	NA	1.5 to 40	50
Cobalt	10.7	NA	12.3	11.5	NA	3.86	6.98	19.3	4.27	NA	4.52	NA	5.58	NA	6.76	NA	9.72	NA	6.66	NA	2.5 to 60	30 or SB
Copper	178	8.89	15.5	158	4.98	6.72	221	106	245	22.1	302	77.6	130	17.5	302	63.8	436	6.48	253	629	1 to 50	25 or SB
Iron	[illegible]	NA	[illegible]	[illegible]	NA	[illegible]	[illegible]	[illegible]	[illegible]	NA	[illegible]	NA	[illegible]	NA	[illegible]	NA	[illegible]	NA	10,000	NA	2,000 to 550,000	2,000 or SB
Lead	[illegible]	24.8	29.3	192	8.66	9.37	647	116	34.7	19.8	56.9	NA	118	26.8	122	70.7	[illegible]	6.96	[illegible]	789	61 to 500	200
Magnesium	679	NA	2,450	732	NA	706	1,930	332	23,500	1,460	18,700	2,610	12,900	852	6,140	1,810	2,070	NA	1,440	NA	100 to 5,000	SB
Manganese	175	NA	449	186	NA	83.1	448	190	149	NA	125	NA	115	NA	171	NA	102	NA	123	NA	50 to 5,000	SB
Nickel	[illegible]	NA	[illegible]	11.9	NA	[illegible]	5.71	14.7	6.31	NA	5.96	NA	7.36	NA	9.3	NA	[illegible]	NA	7.57	NA	0.5 to 25	13 or SB
Potassium	563	NA	1,310	538	NA	292	281	302	517	NA	530	NA	594	NA	509	NA	580	NA	589	NA	8,500 to 43,000	SB
Selenium	ND	NA	ND	0.908	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	0.1 to 3.9	2 or SB
Silver	0.232	NA	ND	ND	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA	SB
Sodium	201	NA	86.0	180	NA	80.2	123	220	189	NA	151	NA	228	NA	174	NA	937	NA	921	NA	6,000 to 8,000	SB
Thallium	ND	NA	ND	ND	NA	ND	ND	ND	0.348	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA	SB
Vanadium	20.3	NA	22.8	25.9	NA	7.60	6.37	19.1	8.31	NA	9.06	NA	13.4	NA	11.7	NA	15.4	NA	11.0	NA	1 to 300	150 or SB
Zinc	591	54.8	[illegible]	256	221	[illegible]	344	441	52.3	[illegible]	88.1	76.4	111	[illegible]	172	63.9	571	73.5	328	399	9 to 50	20 or SB
Mercury	1.35	0.0769	0.0591	9.46	0.0465	0.0196	[illegible]	0.0933	[illegible]	0.065	0.377	8.699	2.00	0.232	0.928	0.373	19.0	0.0812	14.1	35.5	0.001 to 0.2	0.1

Notes:
NYSDEC TAGM - Recommended Soil Cleanup Objectives.
HWR-94-4046, Revised 4/95 and 2000 NYSDEC STARS.
RSCO - Recommended Soil Cleanup Objective.
EUSA BG - Eastern USA Background.
ND - Analyte was not detected above method detection limit.
NA - Not Analyzed / Not Available.
SB - Site Background.
B - Analyte detected in the associated Method Blank.
Bolded values indicates detected concentration exceeded NYSDEC RSCO and applicable eastern US background concentration.
Italicized and underlined values indicate metal was detected above RSCO but below eastern US background concentration.

Additional Analysis Required
Hernan Avenue, Lattingtown, NY
American Lab Order 0508228

Metal Analysis	B-1 2 to 2.5 ft.	B-3 2 to 2.5 ft.	B-7 1 to 1.25 ft	B-8 1 to 1.25 ft	B-9 1 to 1.25 ft	B-10 1 to 1.25 ft	B-11 1 to 1.25 ft	B-12 1 to 1.25 ft
Arsenic		X					X	X
Calcium			X					
Copper	X	X	X	X	X	X	X	X
Lead	X	X	X		X	X	X	X
Magnesium			X	X	X	X		
Zinc	X	X	X	X	X	X	X	X
Mercury	X	X	X	X	X	X	X	X

FIGURES

HERNAN AVENUE
MEADOW STREET
(NOT OPEN)
MEADOW STREET
B-1
B-2
B-3
B-4
B-5
B-6
B-7
B-8
B-9
B-10
B-12
SCALE : 1" = 20'

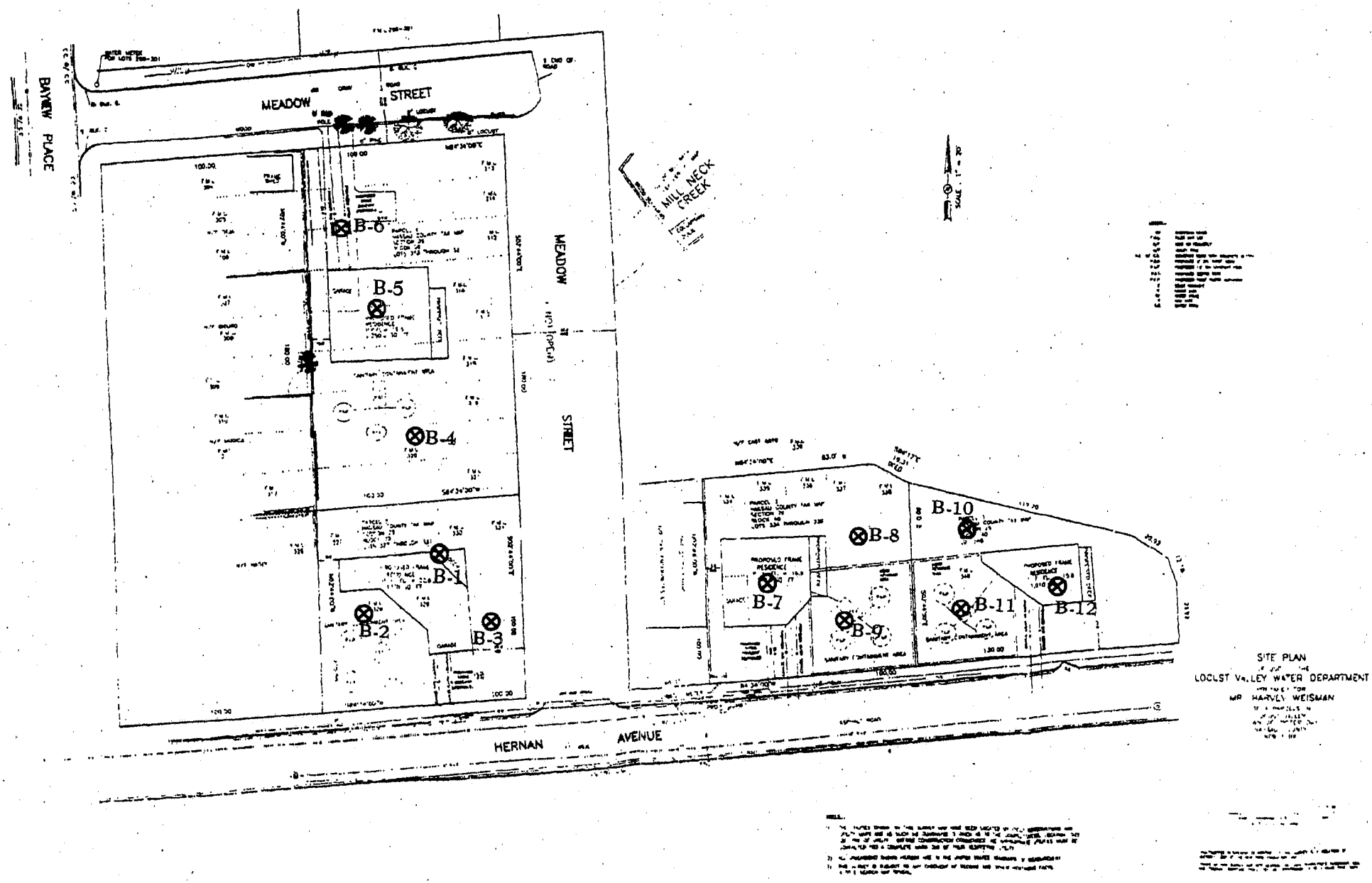
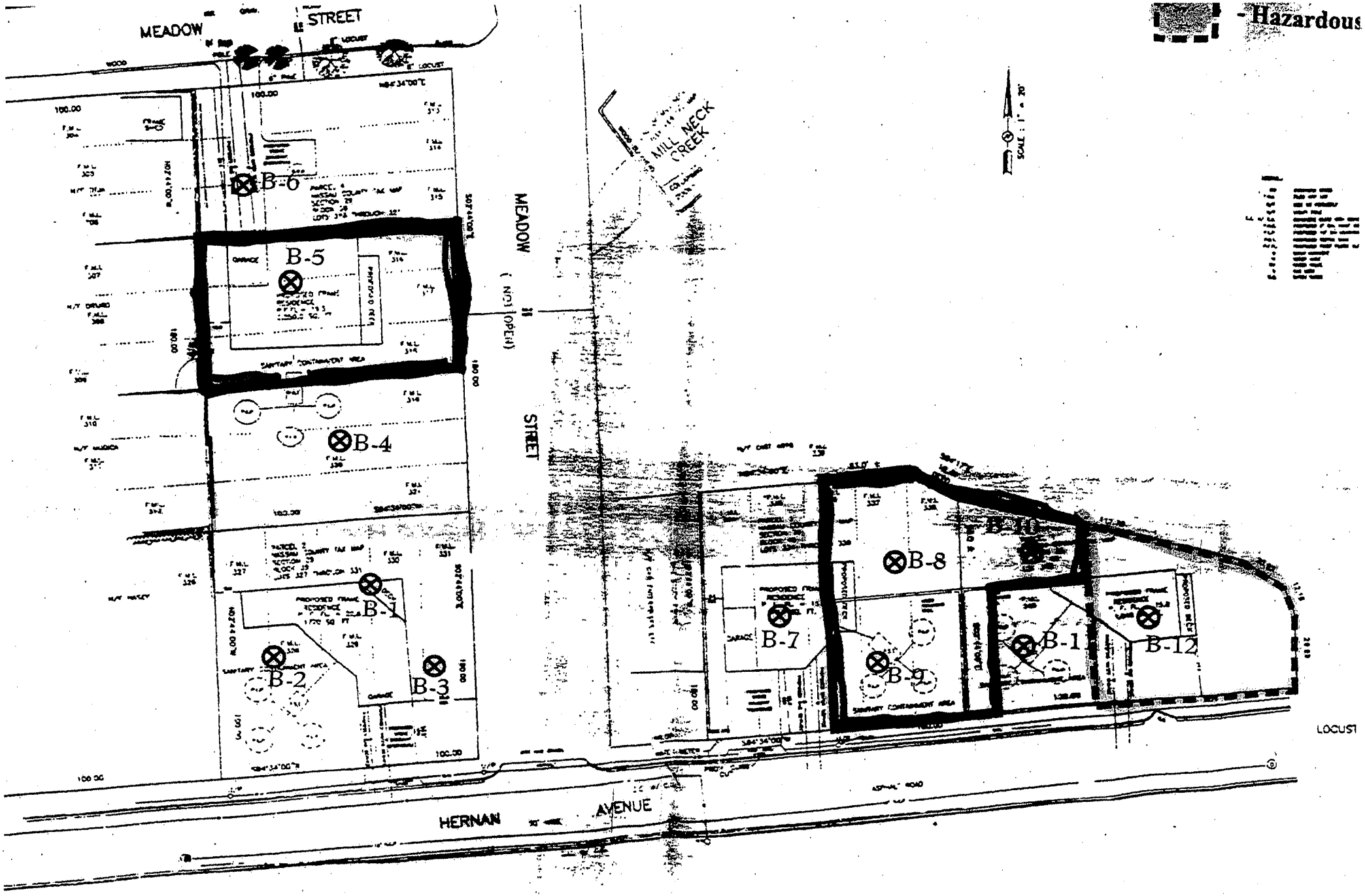


Figure 1 - Sampling Locations	Hernan Avenue Locust Valley, New York	Berninger Environmental, Inc. 90 Knickerbocker Avenue Bohemia, New York 11716


MEADOW STREET
B-6
B-5
B-4
B-1
B-2
B-3
B-7
B-8
B-9
B-11
B-12
MILL NECK CREEK
MEADOW STREET
HERNAN AVENUE
LOCUST

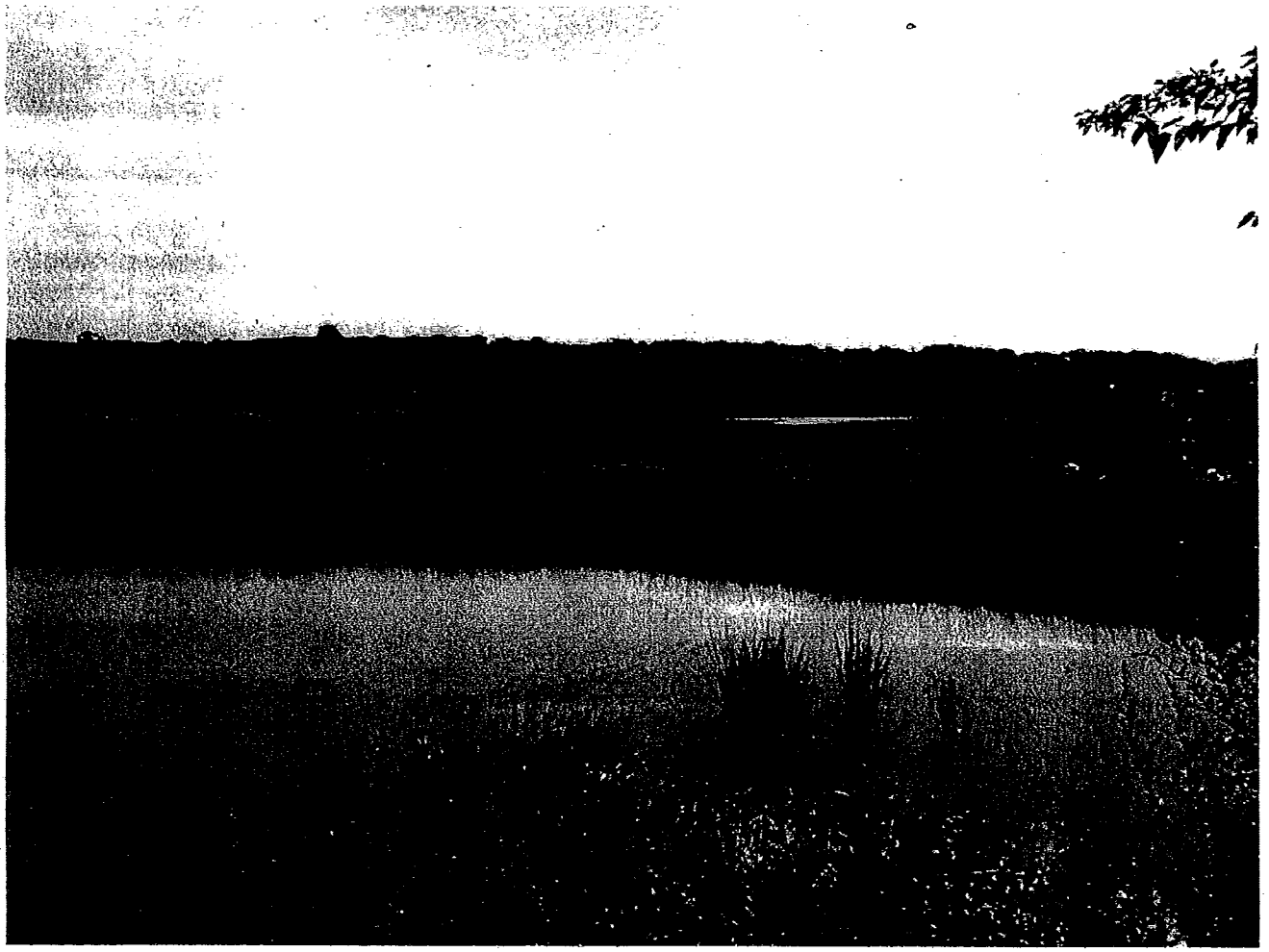
PHOTOGRAPHIC LOG

Photograph No. 1: View of the subject property looking to the northwest from Hernan Avenue.

Photograph No. 2: Dense vegetation present at the subject property.

Photograph No. 3: Soil sampling activities.

Photograph No. 4: Fill material encountered within soil boring.



Photograph No. 5: Adjoining property to the east.

Appendix A

Laboratory Analysis

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Tuesday, September 06, 2005

Walter Berninger
Berninger Environmental, Inc.
90 Knickerbocker Avenue, Unit B
Bohemia, NY 11716

TEL: (631) 588-6521
FAX (631) 589-6528

RE: Hernan Ave. Oyster Bay, N.Y.

Order No.: 0508228

Dear Walter Berninger:

American Analytical Laboratories, LLC. received 12 sample(s) on 8/26/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

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

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT: Berninger Environmental, Inc.
Project: Herman Ave. Oyster Bay, N.Y.
Lab Order: 0508228

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0508228-01A	B-8 @ 0-3"	7831	8/26/2005	8/26/2005
0508228-02A	B-9 @ 0-3"	7831	8/26/2005	8/26/2005
0508228-03A	B-10 @ 0-3"	7831	8/26/2005	8/26/2005
0508228-04A	B-4 @ 0-3"	7831	8/26/2005	8/26/2005
0508228-05A	B-7 @ 0-3"	7831	8/26/2005	8/26/2005
0508228-06A	B-5 @ 1'-1.5'	7831	8/26/2005	8/26/2005
0508228-07A	B-6 @ 0-3"	7831	8/26/2005	8/26/2005
0508228-08A	B-12 @ 0-3"	7832	8/26/2005	8/26/2005
0508228-09A	B-11 @ 0-3"	7832	8/26/2005	8/26/2005
0508228-10A	B-3 @ 6"-1'	7832	8/26/2005	8/26/2005
0508228-11A	B-1 @ 6"-1'	7832	8/26/2005	8/26/2005
0508228-12A	B-2 @ 0-3"	7832	8/26/2005	8/26/2005

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 7831

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: BERNINGER ENVIRONMENTAL INC
90 KNICKERBOCKER AVE
BOHEMIA, NY

CONTACT: WALTER BY BILLS

SAMPLER (SIGNATURE): Butch Myers

SAMPLER NAME (PRINT): BUTCH MYERS

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: HERMAN AVE
OYSTER BAY, NY

ANALYSIS REQUIRED: TAL METALS

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	FOR METHANOL PRESERVED SAMPLES (VOLATILE VIAL #)
0508228-1A	S	1-2oz	8/24/05	B-8 @ 0-3"	X
	S	1-2oz	8/24/05 (*)	B-8 @ 1'-1'3"	X
2A	S	1-2oz	8/24/05	B-9 @ 0-3"	X
	S	1-2oz	8/24/05 (*)	B-9 @ 1'-1'3"	X
3A	S	1-2oz	8/24/05	B-10 @ 0-3"	X
	S	1-2oz	8/24/05 (*)	B-10 @ 1'-1'3"	X
4A	S	1-2oz	8/24/05	B-4 @ 0-3"	X
	S	1-2oz	8/24/05 (*)	B-4 @ 1'-1'3"	X
5A	S	1-2oz	8/24/05	B-7 @ 0-3"	X
	S	1-2oz	8/24/05 (*)	B-7 @ 1'-1'3"	X
6A	S	1-2oz	8/24/05	B-5 @ 1'-1½'	X
7A	S	1-2oz	8/24/05	B-6 @ 0-3"	X

Hold (*) HOLD Deeper Samples Pending Analysis of Shallow sample

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: PO# 5081478

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Butch Myers	8/26/05 2:13	BUTCH MYERS	P. Masi	8/26 2:13PM	P. MASI
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
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 7832

CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Berninger Environmental, Inc
90 Knickerbocker Ave
Bohemia, NY

CONTACT: Walter B/ Bill S

SAMPLER (SIGNATURE): Butch Meyers

SAMPLER NAME (PRINT): Butch Meyers

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: Heckman Ave,

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: TAL Metals	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0508228-8A	S	1-2oz	8/24/05	B-12@0-3"	X	
	S	1-2oz	8/24/05 (*)	B-12@ 1'-1'½"	X	
9A	S	1-2oz	8/24/05	B-11 @ 0-3"	X	
	S	1-2oz	8/24/05 (*)	B-11 @ 1'-1½'	X	
10A	S	1-2oz	8/24/05	B-3 @ 6"-1'	X	
	S	1-2oz	8/24/05 (*)	B-3 @ 2-2½'	X	
11A	S	1-2oz	8/24/05	B-1 @ 6"-1'	X	
	S	1-2oz	8/24/05 (*)	B-1 @ 2-2½'	X	
12A	S	1-2oz	8/24/05	B-2 @ 0-3"	X	
	S	1-2oz	8/24/05 (*)	B-2 @ 1-1'3"	X	

(*) Hold deeper samples pending Analysis of shallow samples

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 X STAT ☐ BY / /

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Butch Meyers	8/26/05 2:13	Butch Meyers	P. Masi	8/26 2:13pm	P. Masi
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, LLC
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.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-8 @ 0-3"
Lab Order:	0508228	**Tag Number:**	7831
Project:	Herman Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-01A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	0.377	0.0116		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	13.9	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	3660	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Antimony	U	0.576		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Arsenic	3.37	0.576		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Barium	26.0	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Beryllium	U	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Cadmium	0.411	0.230		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Calcium	17400	0.576		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Chromium	8.40	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Cobalt	4.52	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Copper	302	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Iron	4550	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Lead	56.9	0.346		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Magnesium	10700	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Manganese	125	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Nickel	5.96	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Potassium	530	1.38		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Selenium	U	0.576		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Silver	U	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Sodium	151	0.691		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Thallium	U	0.346		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Vanadium	9.06	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM
Zinc	88.2	0.461		mg/Kg-dry	1	9/2/2005 10:22:18 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-9 @ 0-3"
Lab Order:	0508228	**Tag Number:**	7831
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-02A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	2.00	0.0119		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	15.7	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	3700	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Antimony	U	0.539		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Arsenic	5.84	0.539		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Barium	77.6	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Beryllium	U	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Cadmium	0.466	0.216		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Calcium	23100	0.539		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Chromium	7.96	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Cobalt	5.58	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Copper	130	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Iron	7370	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Lead	118	0.324		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Magnesium	12900	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Manganese	115	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Nickel	7.36	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Potassium	594	1.29		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Selenium	U	0.539		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Silver	U	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Sodium	228	0.647		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Thallium	U	0.324		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Vanadium	13.4	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM
Zinc	111	0.431		mg/Kg-dry	1	9/2/2005 10:24:32 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-10 @ 0-3"
Lab Order:	0508228	**Tag Number:**	7831
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-03A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	0.928	0.0124		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	19.2	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	3990	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Antimony	U	0.604		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Arsenic	8.77	0.604		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Barium	53.7	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Beryllium	U	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Cadmium	0.964	0.242		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Calcium	9960	0.604		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Chromium	13.2	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Cobalt	6.76	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Copper	382	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Iron	5980	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Lead	122	0.363		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Magnesium	6140	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Manganese	171	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Nickel	9.33	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Potassium	509	1.45		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Selenium	U	0.604		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Silver	U	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Sodium	174	0.725		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Thallium	U	0.363		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Vanadium	11.7	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM
Zinc	172	0.484		mg/Kg-dry	1	9/2/2005 10:36:12 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-4 @ 0-3"
Lab Order:	0508228	**Tag Number:**	7831
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-04A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	0.0196	0.0115		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	12.8	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	2600	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Antimony	U	0.558		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Arsenic	1.64	0.558		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Barium	10.1	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Beryllium	U	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Cadmium	U	0.223		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Calcium	828	0.558		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Chromium	6.81	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Cobalt	3.86	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Copper	6.72	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Iron	5820	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Lead	9.37	0.335		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Magnesium	706	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Manganese	83.1	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Nickel	4.72	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Potassium	292	1.34		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Selenium	U	0.558		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Silver	U	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Sodium	80.2	0.669		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Thallium	U	0.335		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Vanadium	7.60	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM
Zinc	15.7	0.446		mg/Kg-dry	1	9/2/2005 10:38:50 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-7 @ 0-3"
Lab Order:	0508228	**Tag Number:**	7831
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-05A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	0.125	0.0117		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	14.4	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	3360	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Antimony	U	0.525		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Arsenic	2.22	0.525		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Barium	20.1	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Beryllium	U	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Cadmium	U	0.210		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Calcium	40200	0.525		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Chromium	6.74	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Cobalt	4.27	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Copper	269	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Iron	6810	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Lead	34.7	0.315		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Magnesium	23500	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Manganese	149	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Nickel	6.31	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Potassium	517	1.26		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Selenium	U	0.525		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Silver	U	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Sodium	189	0.630		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Thallium	0.348	0.315		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Vanadium	8.31	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM
Zinc	52.3	0.420		mg/Kg-dry	1	9/2/2005 10:41:04 AM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-5 @ 1'-1.5'
Lab Order:	0508228	**Tag Number:**	7831
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-06A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	0.175	0.0129		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	22.3	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	2210	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Antimony	U	0.616		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Arsenic	4.10	0.616		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Barium	110	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Beryllium	U	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Cadmium	0.694	0.246		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Calcium	21400	0.616		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Chromium	5.58	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Cobalt	6.98	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Copper	221	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Iron	14700	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Lead	647	0.370		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Magnesium	1930	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Manganese	448	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Nickel	5.71	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Potassium	281	1.48		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Selenium	U	0.616		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Silver	U	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Sodium	123	0.739		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Thallium	U	0.370		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Vanadium	6.37	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM
Zinc	344	0.493		mg/Kg-dry	1	9/2/2005 10:44:39 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-6 @ 0-3"
Lab Order:	0508228	**Tag Number:**	7831
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-07A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	0.0933	0.0150		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	33.1	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	2540	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Antimony	U	0.725		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Arsenic	7.12	0.725		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Barium	119	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Beryllium	U	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Cadmium	1.93	0.290		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Calcium	2490	0.725		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Chromium	8.90	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Cobalt	19.3	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Copper	106	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Iron	38300	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Lead	116	0.435		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Magnesium	332	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Manganese	190	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Nickel	14.7	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Potassium	302	1.74		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Selenium	U	0.725		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Silver	U	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Sodium	220	0.869		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Thallium	U	0.435		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Vanadium	19.1	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM
Zinc	441	0.580		mg/Kg-dry	1	9/2/2005 10:47:14 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-12 @ 0-3"
Lab Order:	0508228	**Tag Number:**	7832
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-08A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: JP
Mercury	14.1	0.0118		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: PA
Percent Moisture	15.0	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: JP
Aluminum	4710	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Antimony	0.811	0.583		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Arsenic	12.1	0.583		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Barium	131	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Beryllium	U	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Cadmium	0.480	0.233		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Calcium	868	0.583		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Chromium	12.4	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Cobalt	6.66	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Copper	253	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Iron	10000	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Lead	297	0.350		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Magnesium	1440	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Manganese	123	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Nickel	7.57	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Potassium	589	1.40		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Selenium	U	0.583		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Silver	U	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Sodium	921	0.700		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Thallium	U	0.350		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Vanadium	11.0	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM
Zinc	328	0.467		mg/Kg-dry	1	9/2/2005 10:49:39 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-11 @ 0-3"
Lab Order:	0508228	**Tag Number:**	7832
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005*
Lab ID:	0508228-09A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	19.0	0.0139		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	28.2	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	3840	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Antimony	5.93	0.652		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Arsenic	35.2	0.652		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Barium	159	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Beryllium	U	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Cadmium	2.19	0.261		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Calcium	2990	0.652		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Chromium	17.1	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Cobalt	9.72	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Copper	436	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Iron	18000	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Lead	415	0.391		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Magnesium	2070	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Manganese	102	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Nickel	18.0	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Potassium	580	1.56		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Selenium	U	0.652		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Silver	U	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Sodium	937	0.782		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Thallium	U	0.391		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Vanadium	15.4	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM
Zinc	571	0.521		mg/Kg-dry	1	9/2/2005 10:52:41 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-3 @ 6"-1'
Lab Order:	0508228	**Tag Number:**	7832
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-10A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: JP
Mercury	9.46	0.0125		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: PA
Percent Moisture	20.1	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: JP
Aluminum	6280	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Antimony	U	0.592		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Arsenic	13.7	0.592		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Barium	92.3	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Beryllium	U	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Cadmium	0.769	0.237		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Calcium	1970	0.592		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Chromium	14.9	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Cobalt	11.5	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Copper	158	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Iron	20400	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Lead	192	0.355		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Magnesium	752	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Manganese	186	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Nickel	11.9	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Potassium	538	1.42		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Selenium	0.908	0.592		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Silver	U	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Sodium	180	0.711		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Thallium	U	0.355		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Vanadium	25.9	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM
Zinc	256	0.474		mg/Kg-dry	1	9/2/2005 10:54:52 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-1 @ 6"-1'
Lab Order:	0508228	**Tag Number:**	7832
Project:	Heman Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-11A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	1.35	0.0126		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	20.9	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	5620	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Antimony	U	0.596		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Arsenic	11.1	0.596		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Barium	145	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Beryllium	U	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Cadmium	2.23	0.238		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Calcium	2410	0.596		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Chromium	12.0	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Cobalt	10.7	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Copper	178	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Iron	15000	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Lead	405	0.358		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Magnesium	679	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Manganese	175	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Nickel	16.6	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Potassium	563	1.43		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Selenium	U	0.596		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Silver	0.232	0.477	J	mg/Kg-dry	1	9/2/2005 10:57:03 AM
Sodium	201	0.715		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Thallium	U	0.358		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Vanadium	20.3	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM
Zinc	501	0.477		mg/Kg-dry	1	9/2/2005 10:57:03 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *06-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-2 @ 0-3"
Lab Order:	0508228	**Tag Number:**	7832
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0508228-12A **Date Received:** 8/26/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **JP**
Mercury	0.0591	0.0118		mg/Kg-dry	1	9/2/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	15.4	0		wt%	1	8/29/2005
METALS-TARGET ANALYTE LIST		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Aluminum	9250	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Antimony	U	0.526		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Arsenic	4.10	0.526		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Barium	53.6	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Beryllium	U	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Cadmium	U	0.210		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Calcium	1270	0.526		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Chromium	21.6	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Cobalt	12.3	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Copper	15.5	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Iron	14600	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Lead	29.8	0.315		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Magnesium	2450	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Manganese	449	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Nickel	14.2	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Potassium	1310	1.26		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Selenium	U	0.526		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Silver	U	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Sodium	86.0	0.631		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Thallium	U	0.315		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Vanadium	22.8	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM
Zinc	48.2	0.421		mg/Kg-dry	1	9/2/2005 11:00:40 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, September 16, 2005

Walter Berninger
Berninger Environmental, Inc.
90 Knickerbocker Avenue, Unit B
Bohemia, NY 11716

TEL: (631) 588-6521
FAX (631) 589-6528

RE: Hernan Ave. Oyster Bay, N.Y.

Order No.: 0509045

Dear Walter Berninger:

American Analytical Laboratories, LLC. received 8 sample(s) on 9/7/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

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

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *16-Sep-05*

CLIENT: Berninger Environmental, Inc.
Project: Herman Ave. Oyster Bay, N.Y.
Lab Order: 0509045

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0509045-01A	B-8 @ 1'-1' 3"	7831	8/26/2005	9/7/2005
0509045-02A	B-9 @ 1'-1' 3"	7831	8/26/2005	9/7/2005
0509045-03A	B-10 @ 1'-1' 3"	7831	8/26/2005	9/7/2005
0509045-04A	B-7 @ 1'-1' 3"	7831	8/26/2005	9/7/2005
0509045-05A	B-12 @ 1'-1' .25"	7832	8/26/2005	9/7/2005
0509045-06A	B-11 @ 1'-1' .25"	7832	8/26/2005	9/7/2005
0509045-07A	B-3 @ 2'- 2' .5"	7832	8/26/2005	9/7/2005
0509045-08A	B-1 @ 2'- 2' .5"	7832	8/26/2005	9/7/2005

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 7831

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: BERNINGER ENVIRONMENTAL INC, 90 KNICKERBOCKER AVE, BOHEMIA, NY
CONTACT: WALTER B/ BILLS
SAMPLER (SIGNATURE): Butch Meyers
SAMPLER NAME (PRINT): BUTCH MEYERS
SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO
PROJECT LOCATION: HERMAN AVE OYSTER BAY NY

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: TAL METALS	FOR METHANOL PRESERVED SAMPLES (VOLATILE VIAL #)
050845-1A	S	1-2oz	8/26/05	B-8 @ 0-3"	X	
050845-01A	S	1-2oz	8/26/05 (*)	B-8 @ 1'-1'3"	X	
2A	S	1-2oz	8/26/05	B-9 @ 0-3"	X	
050845-02A	S	1-2oz	8/26/05 (*)	B-9 @ 1'-1'3"	X	
3A	S	1-2oz	8/26/05	B-10 @ 0-3"	X	
050845-03A	S	1-2oz	8/26/05 (*)	B-10 @ 1'-1'3"	X	
4A	S	1-2oz	8/26/05	B-4 @ 0-3"	X	
	S	1-2oz	8/26/05 (*)	B-4 @ 1'-1'3"	X	
5A	S	1-2oz	8/26/05	B-7 @ 0-3"	X	
050845-04A	S	1-2oz	8/26/05 (*)	B-7 @ 1'-1'3"	X	
6A	S	1-2oz	8/26/05	B-5 @ 1'-1½'	X	
7A	S	1-2oz	8/26/05	B-6 @ 0-3"	X	

Add work METALS + Hg per email see attached per B. SCHLAEGTER 09/07/05 1:23pm BS

Hold (*) Hold Deeper Samples Pending Analysis of shallow sample

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: PO# 5081478

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Butch Meyers	8/26/05 2:17	BUTCH MEYERS	P. Masi	8/26 2:13pm	P. MASI
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
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 7832

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Berninger Environmental, Inc
90 Knickerbocker Ave
Bohemia, NY

CONTACT: Walter B/ Bill S

SAMPLER (SIGNATURE): Butch Meyer

SAMPLER NAME (PRINT): Butch Meyers

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: Heckman Ave,

ANALYSIS REQUIRED: TAL Metals

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0508228-8A	S	1-2oz	8/24/05	B-12 @ 0-3"	
0509045-05	S	1-2oz	8/24/05	B-12 @ 1'-1½'	
9A	S	1-2oz	8/24/05	B-11 @ 0-3"	
0509045-06A	S	1-2oz	8/24/05	B-11 @ 1'-1½'	
10A	S	1-2oz	8/24/05	B-3 @ 6"-1'	
0509045-07A	S	1-2oz	8/24/05	B-3 @ 2-2½'	
11A	S	1-2oz	8/24/05	B-1 @ 6"-1'	
0509045-08A	S	1-2oz	8/24/05	B-1 @ 2-2½'	
12A	S	1-2oz	8/24/05	B-2 @ 0-3'	
	S	1-2oz	8/24/05	B-2 @ 1-1'3"	

(#) Hold Deeper Samples pending Analysis of shallow samples

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
Butch Meyer	8/26/05 2:13	Butch Meyers	P. Masi	8/26 2:13pm	P. Masi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

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

Additional Analysis Required
Hernan Avenue, Lattingtown, NY
American Lab Order 0508228

Metal Analysis	B-1 2 to 2.5 ft.	B-3 2 to 2.5 ft	B-7 1 to 1.25 ft	B-8 1 to 1.25 ft	B-9 1 to 1.25 ft	B-10 1 to 1.25 ft	B-11 1 to 1.25 ft	B-12 1 to 1.25 ft
Arsenic		X					X	X
Calcium			X					
Copper	X	X	X	X	X	X	X	X
Lead	X	X	X		X	X	X	X
Magnesium			X	X	X	X		
Zinc	X	X	X	X	X	X	X	X
Mercury	X	X	X	X	X	X	X	X

American Analytical Laboratories, LLC.

Date: *16-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-8 @ 1'-1' 3"
Lab Order:	0509045	**Tag Number:**	7831
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0509045-01A **Date Received:** 9/7/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **BK**
Mercury	0.669	0.0115		mg/Kg-dry	1	9/13/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	12.9	0		wt%	1	9/8/2005
TOTAL METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Copper	77.6	0.403		mg/Kg-dry	1	9/13/2005 2:33:29 PM
Magnesium	2610	0.403		mg/Kg-dry	1	9/13/2005 2:33:29 PM
Zinc	76.4	0.403		mg/Kg-dry	1	9/13/2005 2:33:29 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *16-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-9 @ 1'-1' 3"
Lab Order:	0509045	**Tag Number:**	7831
Project:	Herman Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0509045-02A **Date Received:** 9/7/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **BK**
Mercury	0.232	0.0116		mg/Kg-dry	1	9/13/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	13.8	0		wt%	1	9/8/2005
TOTAL METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Copper	17.5	0.433		mg/Kg-dry	1	9/13/2005 2:35:43 PM
Lead	26.8	0.325		mg/Kg-dry	1	9/13/2005 2:35:43 PM
Magnesium	852	0.433		mg/Kg-dry	1	9/13/2005 2:35:43 PM
Zinc	25.3	0.433		mg/Kg-dry	1	9/13/2005 2:35:43 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *16-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-10 @ 1'-1' 3"
Lab Order:	0509045	**Tag Number:**	7831
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0509045-03A **Date Received:** 9/7/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **BK**
Mercury	0.273	0.0113		mg/Kg-dry	1	9/13/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	11.7	0		wt%	1	9/8/2005
TOTAL METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Copper	62.8	0.404		mg/Kg-dry	1	9/13/2005 2:37:35 PM
Lead	70.7	0.303		mg/Kg-dry	1	9/13/2005 2:37:35 PM
Magnesium	1810	0.404		mg/Kg-dry	1	9/13/2005 2:37:35 PM
Zinc	63.0	0.404		mg/Kg-dry	1	9/13/2005 2:37:35 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *16-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-7 @ 1'-1' 3"
Lab Order:	0509045	**Tag Number:**	7831
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0509045-04A	**Date Received:** 9/7/2005	**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **BK**
Mercury	0.0650	0.0110		mg/Kg-dry	1	9/13/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	9.32	0		wt%	1	9/8/2005
TOTAL METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Calcium	2040	0.532		mg/Kg-dry	1	9/13/2005 2:39:58 PM
Copper	22.1	0.426		mg/Kg-dry	1	9/13/2005 2:39:58 PM
Lead	19.8	0.319		mg/Kg-dry	1	9/13/2005 2:39:58 PM
Magnesium	1460	0.426		mg/Kg-dry	1	9/13/2005 2:39:58 PM
Zinc	31.1	0.426		mg/Kg-dry	1	9/13/2005 2:39:58 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *16-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-12 @ 1'-1' .25"
Lab Order:	0509045	**Tag Number:**	7832
Project:	Herman Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0509045-05A **Date Received:** 9/7/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **BK**
Mercury	35.5	0.0121		mg/Kg-dry	1	9/13/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	17.4	0		wt%	1	9/8/2005
TOTAL METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Arsenic	31.1	0.571		mg/Kg-dry	1	9/13/2005 2:43:28 PM
Copper	629	0.457		mg/Kg-dry	1	9/13/2005 2:43:28 PM
Lead	709	0.343		mg/Kg-dry	1	9/13/2005 2:43:28 PM
Zinc	390	0.457		mg/Kg-dry	1	9/13/2005 2:43:28 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *16-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-11 @ 1'-1' .25"
Lab Order:	0509045	**Tag Number:**	7832
Project:	Hernan Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0509045-06A **Date Received:** 9/7/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **BK**
Mercury	0.0812	0.0113		mg/Kg-dry	1	9/13/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	11.5	0		wt%	1	9/8/2005
TOTAL METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Arsenic	1.35	0.492		mg/Kg-dry	1	9/13/2005 2:45:33 PM
Copper	6.48	0.394		mg/Kg-dry	1	9/13/2005 2:45:33 PM
Lead	6.96	0.295		mg/Kg-dry	1	9/13/2005 2:45:33 PM
Zinc	73.5	0.394		mg/Kg-dry	1	9/13/2005 2:45:33 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *16-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-3 @ 2'- 2' .5"
Lab Order:	0509045	**Tag Number:**	7832
Project:	Herman Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0509045-07A **Date Received:** 9/7/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **BK**
Mercury	0.0465	0.0116		mg/Kg-dry	1	9/13/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	13.9	0		wt%	1	9/8/2005
TOTAL METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Arsenic	1.90	0.528		mg/Kg-dry	1	9/13/2005 2:50:06 PM
Copper	4.98	0.422		mg/Kg-dry	1	9/13/2005 2:50:06 PM
Lead	8.66	0.317		mg/Kg-dry	1	9/13/2005 2:50:06 PM
Zinc	221	0.422		mg/Kg-dry	1	9/13/2005 2:50:06 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *16-Sep-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-1 @ 2'- 2' .5"
Lab Order:	0509045	**Tag Number:**	7832
Project:	Herman Ave. Oyster Bay, N.Y.	**Collection Date:**	8/26/2005
Lab ID:	0509045-08A **Date Received:** 9/7/2005	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7471		**SW7471B**				Analyst: **BK**
Mercury	0.0769	0.0133		mg/Kg-dry	1	9/13/2005
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	24.7	0		wt%	1	9/8/2005
TOTAL METALS		**SW6010B**		**(SW3050A)**		Analyst: **JP**
Copper	8.89	0.521		mg/Kg-dry	1	9/13/2005 2:59:20 PM
Lead	24.8	0.390		mg/Kg-dry	1	9/13/2005 2:59:20 PM
Zinc	54.8	0.521		mg/Kg-dry	1	9/13/2005 2:59:20 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, October 07, 2005

Walter Berninger
Berninger Environmental, Inc.
90 Knickerbocker Avenue, Unit B
Bohemia, NY 11716

TEL: (631) 588-6521
FAX (631) 589-6528

RE: Meenan Ave.

Order No.: 0510023

Dear Walter Berninger:

American Analytical Laboratories, LLC. received 1 sample(s) on 8/26/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

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

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *07-Oct-05*

CLIENT: Berninger Environmental, Inc.
Project: Meenan Ave.
Lab Order: 0510023

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0510023-01A	B-12 @ 1'-1.25'	7832	8/26/2005	8/26/2005

AMERICAN ANALYTICAL LABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 7832

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Beninger Environmental, Inc, 90 Knickerbocker Ave, Bohemia, NY

CONTACT: Walter B / Bill S

SAMPLER (SIGNATURE): Butch Meyers

SAMPLER NAME (PRINT): Butch Meyers

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: Heckman Ave,

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: TAL Metals	TCLP [illegible]	TCLP [illegible]	FOR METHANOL PRESERVED SAMPLES (VOLATILE VIAL #)
0508228-8A	S	1-2oz	8/26/05	B-12@0-3"	X			
0509045-05	S	1-2oz	8/26/05	(*) B-12 @ 1'-1¼'	X	X	X	
9A	S	1-2oz	8/26/05	B-11 @ 0-3"	X			
0509045-06A	S	1-2oz	8/26/05	(*) B-11 @ 1'-1¼'	X			
10A	S	1-2oz	8/26/05	B-3 @ 6"-1'	X			
0509045-07A	S	1-2oz	8/26/05	(*) B-3 @ 2-2½'	X			
11A	S	1-2oz	8/26/05	B-1 @ 6"-1'	X			
0509045-08A	S	1-2oz	8/26/05	(*) B-1 @ 2-2½'	X			
12A	S	1-2oz	8/26/05	B-2 @ 0-3'	X			
	S	1-2oz	8/26/05	(*) B-2 @ 1-1'3"	X			

0510023-1A Added 10/5/05 JM

(*) Hold deeper samples pending analysis of shallow samples

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 [X] STAT ☐ BY / /

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Butch Meyers	8/26/05 2:13	Butch Meyers	P. Masi	8/26 2:13pm	P. Masi
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, LLC
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.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *07-Oct-05*

CLIENT:	Berninger Environmental, Inc.	**Client Sample ID:**	B-12 @ 1'-1.25'
Lab Order:	0510023	**Tag Number:**	7832
Project:	Meenan Ave.	**Collection Date:**	8/26/2005
Lab ID:	0510023-01A	**Date Received:** 8/26/2005	**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7471B**		**(SW1311)**		Analyst: **BK**
Mercury	U	0.0200	H	mg/L	1	10/6/2005
TCLP METALS		**SW1311/6010B**		**(SW1311)**		Analyst: **JP**
Arsenic	U	0.0500	H	mg/L	1	10/6/2005
Barium	1.73	0.0500	H	mg/L	1	10/6/2005
Cadmium	U	0.0500	H	mg/L	1	10/6/2005
Chromium	U	0.0500	H	mg/L	1	10/6/2005
Lead	5.12	0.0500	*H	mg/L	1	10/6/2005
Selenium	U	0.0500	H	mg/L	1	10/6/2005
Silver	U	0.0500	H	mg/L	1	10/6/2005

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

Appendix F

Town of Oyster Bay
Mill Neck Marina
Environmental Investigation Report

Tonjes
Dave ~~Tonjes~~
Cashin Associates
631 348 7600

Submitted to:

Town of Oyster Bay
Department of Public Works
Syosset, New York

Submitted by:

Cashin Associates, P.C.
1200 Veterans Memorial Highway
Hauppauge, New York

August 5, 2004

Table of Contents

1.0 Introduction

The former Mill Neck Marina property is located on the north side of Hernan Avenue, at its easterly terminus at Oak Neck Creek (a tributary of Mill Neck Creek), in the Locust Valley community in the Town of Oyster Bay (see Figure 1). The subject property covers a total of approximately 1.4 acres of land, which is presently vacant, and comprises a total of 23 individual tax lots (Figure 2) on the Nassau County Land and Tax Map. The attached aerial photograph and lot map indicate the area of interest for this investigation.

The Town is considering acquisition of the former marina site for future use as a passive park, perhaps with some active wetlands restoration to enhance its habitat values. The Town has conducted this environmental investigation as part of pre-acquisition due-diligence for the following related reasons:

1. to determine if the acquired site contains contamination of environmental or human health concern; and
2. to determine the extent of remediation that may be necessary to achieve the Town's stated plans.

2.0 Background

In 2002, Cashin Associates, PC (CA), conducted a Phase I Environmental Review for many of the parcels that comprise the site. Review of the historical data for the past 50 years revealed that the subject property had been occupied by a marina at least as far back as the 1950s. The marina reportedly contained boat storage and maintenance areas, and gasoline storage and dispensing facilities. Marina activities on the site continued until abandoned in 2001. Subsequent to abandonment, the building and stored boats on the site were removed, and the site is now vacant.

During a Phase I investigation, site history was determined based on review of historical aerial photographs; interviews with Mr. Harvey Weisman, owner of most of the subject property; and review of information in the files of the Town of Oyster Bay Building Division. The Phase I suggested that the previous site use relating to boat maintenance and storage may have had impacts on the site. However, no pertinent data or documents were uncovered that could bear on this question. Limited sampling data provided by the owner suggested that some impacts might be discovered on the site, but the documentation associated with the sampling data was not rigorous enough to allow for quantitative use of the information.

Based on the review of historical photographs, the subject property appears to have been developed sometime before 1953 with a large commercial building and was used for the outdoor storage of boats. The property was expanded sometime between 1953 and 1966, and further modified between 1966 and 1976 with the excavation of an inlet area along Oak Neck Creek. Following consultation with the Nassau County Department of Health (NCDH), the locations of some specific structures often related to contaminant presence were sought for. Information sought from NCDH related to the septic system (described by the site owner as having been removed under NCDH supervision in 2001-2002 in association with building demolition) and UST (reportedly removed in the 1970s). The Nassau County Fire Marshall's Office was contacted, and records there were searched in an effort to find the location of the former gasoline islands. No relevant information was uncovered in NCDH files.

The purpose of this environmental investigation is to determine the presence, if any, of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals in soil and groundwater at selected locations at the site. A sampling plan was prepared and presented to the NCDH for approval on March 24, 2004. Soil and groundwater sampling was conducted on May 3rd and 4th, 2004 by CA environmental personnel.

In an effort to select the sampling locations, an approximate 100' x 100' grid was laid down over the general area of interest on the aerial map. A total of 16 locations were identified to be sampled. Thirty soil samples and five groundwater

3.0 Sampling Methodology

3.1 Soil Sampling

Soil samples were collected from the following grid components: A2, A4, B2, B5, C2, C4, C5, D2, D3, and D4 to generally characterize the site and identify trends or indicators of contaminant advection, if any. Samples were collected in the center of each grid, unless otherwise specified by NCDH.

In addition to the above sampling locations, six sampling points were collected in specific areas of interest. Two points were selected approximately 120 feet from the centerline of Hernan Avenue, one being at the approximate grid point defined by A4 and A5, and the other approximately opposite the driveway of the last house on the south side of Hernan Avenue as being potential sites for the septic system. The sampling point located along the central western side of grid C4 (SS-BL and SB-BL) was estimated to be in the vicinity of the former boat lift area. This location was based on the review of the Town's Building Division file. Three sampling points along the central eastern portions of grids A2, B2, and C2 were sampled to focus on the potential boat painting area.

Each of the sixteen sampling points had two soil samples collected. The soil samples consisted of a surface sample and a soil boring. Surface samples were collected from the top three inches of soil using a hand auger (see Figure 3). Soil borings were drilled to the water table using a drill-rig and were collected one foot above the water table (see Figure 7). In areas where drill-rig access was difficult, a hand auger was used. All of the soil borings were two inches in diameter.

During the sampling round, visible contamination (soil discoloration) was evident in the northwest portion of grid B2. Upon consultation with NCDH, a sample of the soil (soil sample SS-B2NW) was collected and included in the samples to be analyzed for metals.

The soil samples were collected by CA environmental personnel in the company of Joseph DeFranco (NCDH). Soil borings were performed by Fenley and Nicol Environmental, Inc. All samples were preserved on ice and were analyzed by a New York State certified laboratory (H2M Labs, Inc., Melville, NY) for VOC, SVOC, and metal analysis, with the exception of SS-B2-NW which was analyzed for metals only as recommended by the NCDH representative.

All soil samples were inspected for visible contamination and screened with a photo-ionization detector (PID) in an effort to generate additional information regarding the presence of volatile organic vapors in the soil. PID detections were observed in all soil samples, ranging from 1.1 parts per million (ppm) in grid A4 (SS-A4) to a detection of 9.6 ppm in grid A2 (SS-A2W). At the discretion of the NCDH representative, two samples were split with the County (SS-B2W and SB-SPTC-W).

3.2 Groundwater Sampling

Groundwater samples were collected from five locations (during low tide in the adjacent tidal creek) from the water table using a dedicated disposable Teflon bailer. Because groundwater was relatively shallow (approximately 2-4 ft below land surface), the need to install a temporary PVC well screen was unnecessary.

Groundwater samples were taken from the central grid points in grids B2 and D2, which were presumed to represent upgradient (ambient) water. An additional groundwater sample was collected from the approximate location of the septic system in grid A5. This location was based on previous interviews with the site owner. Based on the review of historical photographs, the location of the former building in grid A5 and the approximate location of previous boat lifting activities in grid C4 were also sampled for groundwater analysis. Figure 11 shows the locations of the groundwater samples.

Groundwater samples were collected by CA environmental personnel in the company of the NCDH representative. Groundwater samples GW-D2 and GW-B2 were split with the NCDH representative. All samples were preserved on ice and were analyzed by a New York State certified laboratory (H2M Labs, Inc., Melville, NY) for VOC, SVOC and metal analysis.

4.0 Results

All samples, with the exception of SS-B2NW, were analyzed for VOCs, SVOCs, and metals. Analytical results were compared to "recent clean-up objectives" as reported in the 1993 NYSDEC TAGM soil clean-ups, and NYSDEC GA standards for groundwater as listed in the 1998 TOGS 1.1.1. Where no for "site background" was listed as the clean-up objective, soil detections were compared to Eastern US Background concentrations, also listed in the TAGM. Metals were detected in all soil and groundwater samples at detections above standards. SVOCs were detected in several surface and subsurface soil samples, with some detections exceeding standards. One VOC, acetone, was detected in several soil and groundwater samples, but at detections below the standard value. A complete list of detected and non-detected analytes for both soil and groundwater is included in the attached laboratory data set.

Metals were detected in all surface and subsurface soil samples. Eleven metals were reported at detections above recommended clean-up values or Eastern US Background concentrations listed in the TAGM in surface samples. These metals include the following: arsenic, barium, cadmium, chromium, copper, iron, lead, magnesium, mercury, nickel, and zinc. Thirteen metals were found in subsurface soil samples at levels that exceed recommended clean-up values or Eastern US Background concentrations listed in the TAGM, which include arsenic, barium, cadmium, calcium, chromium, copper, iron, lead, magnesium, mercury, nickel, selenium, and zinc. CA will hereafter refer to such levels as "elevated". Elevated levels of copper, lead and mercury are shown in Figures 4, 5, and 6, respectively for surface soil samples, and Figures 8, 9, and 10 for subsurface soil samples.

Elevated levels of copper, mercury, arsenic, zinc and lead were found at multiple soil sample locations. Copper is a primary active component found in most antifouling boat bottom paints, and is the metal most often associated with contaminated marina sediments (Fields, 2003). Elevated levels of mercury may be related to previous marina activities involving boat paint. Mercury is known to have been used as an anti-fouling agent in boat paints to reduce organism growth on the bottom of boats. Boat paint is known to also contain other metals such as copper, mercury, arsenic, or tributytin (TBT). Mercury also serves as the contact for float switches in bilge pumps, shower water storage tanks, and thermostats. One float switch can contain as much mercury as 100 fluorescent lamps (Fields, 2003). Arsenic is found in paint pigments as wells as in wood preservatives. Arsenic, chromium and copper leach from docks, pilings and other structures constructed of wood treated with chromated copper arsenate (Fields, 2003). Zinc anodes are used to deter corrosion of metal hulls and other metal boat parts that are exposed to seawater (USEPA).

Four SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and benzo(k)fluoranthene) were reported at levels above recommended TAGM clean-up concentrations in surface samples SS-B2, SS-D2, SS-D3, and SS-SPTC-E.

Five SVOCs (chrysene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, and benzo(a)pyrene) were detected above recommended TAGM clean-up concentrations in subsurface samples SB-SB-D2, SB-SPTC-E, and SB-SPTC-W. One VOC, acetone, was detected in three soil samples (SS-C4, SB-C4, and SB-A5), but at concentrations below the recommended clean-up value. Tables 1 and 2 show the metals results and organic compound detections for the surface soil and subsurface soil samples, respectively.

Laboratory analysis of groundwater samples reported detections of fifteen metals that exceed NYSDEC GA standards or guidance values. These metals include arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, magnesium, manganese, mercury, nickel, selenium, sodium, and zinc. All groundwater samples were reported to have multiple detections of metals that exceeded standard values. No SVOCs were reported in the groundwater samples. Groundwater samples GW-SPTC-E and GW-A5 had concentrations of acetone below the GA standard value. Acetone was the only VOC detected in groundwater. Groundwater samples were collected directly from soil borings and were unfiltered, so that the reported concentrations found almost certainly include metals associated with particulates as well as the truly dissolved faction. Table 3 shows the metals results and any detected organic compounds for the groundwater samples.

5.0 Summary and Recommendations

Summary

- Both surface and subsurface soils at the site were found to have elevated levels of metals, including copper, mercury, arsenic, zinc and lead. The metals are known to be associated with marine paints and other marina related materials. The metals were found at levels that exceed New York State cleanup standards and/or guidelines. Several of the metals are regarded as significant environmental and health hazards.
- There was no clear pattern of metal contamination at the site; instead, elevated levels of different metals were found at different sample locations. In other words, the data analysis was not able to delineate any "hot spots".
- The soils were also found to have contamination by Semi-volatile Organic Compounds (SVOCs), at levels that exceeded cleanup standards and/or guidelines.
- Groundwater at the site was found to be contaminated by elevated levels of metals.
- It appears that the prior marina related use of the property has resulted in on-site contamination of soils and groundwater.

Recommendations and Conclusions

- The data presented in this report should be submitted to Nassau County Department of Health for agency review and comment.
- Additional sampling could be needed to further define the extent of contamination by metals and SVOCs at the site, and to define the scope of needed remedial activities.
- Extensive remediation of on-site soils, including removal and disposal of the most contaminated soils, may be required following review and evaluation of the attached data by the Nassau County Department of Health.

6.0 References

Fields, S., The Environmental Pain of Pleasure Boating. April 2003. Environmental Health Perspectives, Volume 11, No. 4

USEPA (n.d.) National Managament Measures Guidance to Control Nonpoint Source Pollution from Marinas and Recreational Boating. Retrieved June 21, 2004 from http://www.epa.gov/owow/nps/mmsp/Section-2.pdf.

Table 1. Surface Soil Detections

Metals mg/kg	Cleanup obj.	East. USA	SS-A2	SS-A2-W	SS-A4	SS-A5	SS-B2	SS-B2W	SS-B2 NW	SS-B5	SS-C2	SS-C2W
Percent moisture			9.3	15.7	12.5	21.2	29.6	33.7	27.1	17.4	49.2	30.5
Aluminum	SB	33000	4990	9470	5450	5310	7270	5020	3070	5020	3420	6130
Barium	300	15-600	22.3	62.1	82.9	286	2140	65.7	66.5	< 24.2	115	174
Beryllium	0.16	0-1.75	< 0.55	< 0.59	< 0.57	< 0.64	< 0.71	< 0.75	< 0.69	< 0.60	< 0.98	< 0.72
Cadmium	1	0.1-1	< 0.55	0.82	0.87	11.3	2.17	1.16	1.27	0.72	1.15	2.13
Calcium	SB	130-35000	273	1750	1270	1760	5750	1420	1740	4610	11600	3130
Chromium	10	1.5-40	9.33	19.8	9.15	31.8	28	6.47	10.8	9.25	8.73	13.3
Cobalt	30	2.5-60	< 5.51	7.69	< 5.71	< 6.35	< 7.10	< 7.54	< 6.85	< 6.05	< 9.84	< 7.19
Copper	25	1-50	16.5	18.4	150	825	967	160	14900	1110	1330	566
Iron	2000	2000-550000	11100	16500	8860	13200	12900	5740	6030	8960	16700	12800
Magnesium	SB	100-5000	808	30070	1180	1600	1990	736	724	3390	2070	1110
Manganese	SB	50-5000	149	327	127	165	278	123	73.5	89.3	350	97.2
Nickel	13	0.5-25	8.28	14.8	6.76	9.37	17.6	6.84	7.81	9.08	9.73	16
Potassium	SB	8500-43000	451	1990	423	682	640	247	231	508	301	388
Sodium	SB	6000-8000	24.7	78.2	98.1	527	142	103	77.7	75.7	110	104
Vanadium	150	1-300	15.2	25	12	11	22.5	8.69	9.87	11.5	< 9.84	22.7
Zinc	20	9-50	26.8	54.9	131	726	1260	197	454	192	305	524
Antimony	SB		< 6.62	< 7.12	< 6.86	10.4	< 8.52	< 9.05	< 8.23	< 7.26	< 11.8	14.6
Arsenic	7.5	3-12	4.6	3.7	9.38	20.4	14.6	4.4	4.08	3.18	7.5	10.1
Lead	SB	200-500	12.9	25.9	110	3710	576	84.2	354	33.2	85.7	554
Selenium	2	0.1-3.9	< 0.55	< 0.59	< 0.57	< 0.64	1.1	< 0.75	< 0.69	< 0.60	< 0.98	0.79
Silver	SB		< 1.10	< 1.19	< 1.14	< 1.27	< 1.42	< 1.51	< 1.37	< 1.21	< 1.97	< 1.44
Thallium	SB		< 1.10	< 1.19	< 1.14	< 1.27	< 1.42	< 1.51	< 1.37	< 1.21	< 1.97	< 1.44
Mercury	0.1	0.001-0.2	< 0.11	< 0.12	45.3	183	4.71	0.53	9.05	< 0.12	0.49	1.44
SVOCs ug/kg									N/A	-	-	-
Acenaphthene	50000	-	-	-	-	-	-	-	N/A	-	-	-
Acenapthylene	41000	-	-	-	-	-	-	-	N/A	-	-	-
Anthracene	50000	-	-	-	-	-	-	-	N/A	-	-	-
Benzo(a)anthracene	224	-	-	-	-	-	980	-	N/A	-	-	-
Benzo(a)pyrene	61	-	-	-	-	-	1100	-	N/A	-	-	-
Benzo(b)fluoranthene	1100	-	-	-	-	-	1100	-	N/A	-	-	-
Benzo(g,h,i)perylene	50000	-	-	-	-	-		-	N/A	-	-	-
Benzo(k)fluoranthene	1100	-	-	-	-	-	1100	-	N/A	-	-	-
Bis(2-ethylhexyl)phthalate	50000	-	-	-	-	-	720	-	N/A	-	680	-
Carbozole		-	-	-	-	-	-	-	N/A	-	-	-
Chrysene	400	-	-	-	-	-	1000	-	N/A	-	-	-
1,4-Dichlorobenzene	8500	-	-	-	-	-	-	-	N/A	-	-	-
1,2-Dichlorobenzene	7900	-	-	-	-	-	-	-	N/A	-	-	-
Diethylphthalate	7100	-	-	-	-	-	-	-	N/A	-	-	-
Dimethylphthalate	7100	-	-	-	-	-	-	-	N/A	9400	-	-
Di-n-butylphthalate	8100	-	-	-	-	-	-	510	N/A	18000	-	-
Fluoranthene	50000	-	-	430	-	-	1800	700	N/A	-	-	-
Indeno(1,2,3-cd)pyrene	3200	-	-	-	-	-	-	-	N/A	-	-	-
2-Methylnaphthalene	36400	-	-	-	-	-	-	-	N/A	-	-	-
Phenanthrene	50000	-	-	-	-	-	820	-	N/A	-	-	-
Pyrene	50000	-	-	-	-	-	1600	680	N/A	-	-	-
Acetone		-	-	-	-	-	-	-	N/A	-	-	-

Metals mg/kg	Cleanup obj.	East. USA	SS-C4	SS-C5	SS-D2	SS-D3	SS-SPTC-W	SS-SPTC-E	SS-BL
Percent moisture			16.1	16	44.9	15.7	30	15.5	18.1
Aluminum	SB	33000	9700	9600	4300	5320	3600	4700	5420
Barium	300	15-600	54.4	57.2	45.2	26.4	55.7	43.3	29
Beryllium	0.16	0-1.75	< 0.60	< 0.60	< 0.91	< 0.59	< 0.71	< 0.59	<0.61
Cadmium	1	0.1-1	0.67	0.73	<0.91	0.61	**5.75**	**2.15**	<0.61
Calcium	SB	130-35000	1160	1460	4390	2520	3640	3890	4810
Chromium	10	1.5-40	**1305**	**18.5**	**11.5**	**17.2**	**17.8**	**108**	**11.3**
Cobalt	30	2.5-60	6.77	7.4	< 9.07	< 5.93	9.84	< 5.92	<6.11
Copper	25	1-50	**42.7**	**26.1**	**289**	14.1	**689**	**549**	**84.4**
Iron	2000	2000-550000	**13800**	**15600**	**7000**	**10200**	**29400**	**10200**	**8650**
Magnesium	SB	100-5000	2200	3250	1070	1510	5610	2540	3470
Manganese	SB	50-5000	156	306	368	126	232	182	79.1
Nickel	13	0.5-25	10.7	**14**	8.34	5.97	**32.8**	**26.2**	9.62
Potassium	SB	8500-43000	757	1520	318	432	488	525	587
Sodium	SB	6000-8000	119	310	68.2	39	91.3	98.8	86.4
Vanadium	150	1-300	20.6	23	11.5	15.4	12	12.2	14.4
Zinc	20	9-50	**49.5**	**47.3**	**150**	**41.3**	**368**	**295**	**54.8**
Antimony	SB		< 7.15	< 7.14	< 10.9	< 7.12	< 8.57	< 7.10	<7.33
Arsenic	7.5	3-12	3.82	3.81	5.02	**9.52**	4.63	**12**	2.77
Lead	SB	200-500	10.2	17.7	68.2	28.7	171	324	79
Selenium	2	0.1-3.9	< 0.60	< 0.60	< 1.91	< 0.59	< 0.71	< 0.59	<0.61
Silver	SB		< 1.18	< 1.19	< 1.81	< 1.19	< 1.43	< 1.18	<1.22
Thallium	SB		< 1.19	< 1.19	< 1.81	< 1.19	< 1.43	< 1.18	<1.22
Mercury	0.1	0.001-0.2	**0.13**	< 0.12	**0.44**	< 0.12	**1.13**	**0.41**	<0.12
SVOCs ug/kg			-	-	-	-	-	-	-
Acenaphthene	50000	-	-	-	-	-	-	-	-
Acenapthylene	41000	-	-	-	-	-	-	-	-
Anthracene	50000	-	-	-	-	-	-	-	-
Benzo(a)anthracene	224	-	-	-	**3000**	**490**	-	**710**	-
Benzo(a)pyrene	61	-	-	-	**3100**	**540**	-	**800**	-
Benzo(b)fluoranthene	1100	-	-	-	**4400**	630	580	790	-
Benzo(g,h,i)perylene	50000	-	-	-	1100	-	-	-	-
Benzo(k)fluoranthene	1100	-	-	-	**4700**	620	710	670	-
Bis(2-ethylhexyl)phthalate	50000	-	-	-	-	-	-	550	-
Carbozole		-	-	-	-	-	-	-	-
Chrysene	400	-	-	-	**3900**	**650**		**750**	-
1,4-Dichlorobenzene	8500	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	7900	-	-	-	-	-	-	-	-
Diethylphthalate	7100	-	-	-	-	-	-	-	-
Dimethylphthalate	7100	-	-	-	-	-	-	-	-
Di-n-butylphthalate	8100	-	-	-	-	-	-	-	-
Fluoranthene	50000	-	-	-	2200	1200	520	1300	-
Indeno(1,2,3-cd)pyrene	3200	-	-	-	1200	-	-	-	-
2-Methylnaphthalene	36400	-	-	-	-	-	-	-	-
Phenanthrene	50000	-	-	-	-	590	-	790	-
Pyrene	50000	-	-	-	6400	1000	540	1200	-
Acetone		-	-	-	-	-			

Note:
Bold - indicates detection above standard or guidance value

Table 2. Subsurface Soil Detections

Metals mg/kg	Cleanup obj.	East. USA	SB-A2	SB-A2-W	SB-A4	SB-A5	SB-B2	SB-B2W	SB-B5	SB-C2	SB-C2W
Percent moisture			12.7	20.9	14.4	23.1	38.6	17.3	11	26.4	41.1
Aluminum	SB	33000	6670	10300	4040	6640	9390	5680	4020	4230	9070
Barium	300	15-600	< 22.9	48.7	51.6	41.4	763	71.2	30.4	179	247
Beryllium	0.16	0-1.75	< 0.57	< 0.63	< 0.58	< 0.65	0.89	< 0.60	< 0.56	< 0.68	< 0.85
Cadmium	1	0.1-1	< 1.57	0.78	< 0.58	1.04	5.51	0.75	0.67	1.01	2.22
Calcium	SB	130-35000	376	2040	2170	744	9960	769	74100	7000	2510
Chromium	10	1.5-40	8.26	16.3	13.3	14.2	31.9	9.34	7.39	10.5	12.8
Cobalt	30	2.5-60	< 5.73	< 6.32	< 5.84	< 6.50	14.6	< 6.05	< 5.62	< 6.79	< 8.49
Copper	25	1-50	6.85	56.6	115	58.1	193	24.8	150	371	212
Iron	2000	2000-550000	8130	13200	8760	8460	71700	9390	6110	9240	18900
Magnesium	SB	100-5000	742	1900	1810	2100	576	971	45100	1120	942
Manganese	SB	50-5000	45.8	245	146	91.6	522	68.4	172	73.1	155
Nickel	13	0.5-25	< 4.58	11.8	6.07	8.15	33.9	7.44	6.7	8.69	13.3
Potassium	SB	8500-43000	264	785	524	1270	1010	367	526	258	406
Sodium	SB	6000-8000	46.4	59.1	84.8	827	272	72.9	174	111	181
Vanadium	150	1-300	11	23.8	9.8	13.4	33.7	11.3	10.1	12.6	29.9
Zinc	20	9-50	24	98.7	117	131	1260	213	63.1	3156	465
Antimony	SB		< 6.87	< 7.59	< 7.01	< 780	< 9.77	< 7.26	< 6.74	< 8.15	< 10.2
Arsenic	7.5	3-12	2.18	6	5.04	3.17	25.7	3.41	3.05	8.11	14.1
Lead	SB	200-500	4.67	53.4	97.2	60.8	958	81.5	51.6	455	253
Selenium	2	0.1-3.9	< 0.57	< 0.63	< 0.58	< 0.65	3.66	< 0.60	< 0.56	< 0.68	2.3
Silver	SB		< 1.15	< 1.26	< 1.17	< 1.30	< 1.63	< 1.21	< 1.12	< 1.36	< 1.70
Thallium	SB		< 1.15	< 1.26	< 1.17	< 1.30	< 1.63	< 1.21	< 1.12	< 1.36	< 1.70
Mercury	0.1	0.001-0.2	< 0.12	0.25	4.78	3.65	0.34	0.13	0.63	0.59	< 0.17
SVOCs ug/kg											
Acenaphthene	50000		-	-	-	440	-	-	-	-	-
Acenapthylene	41000		-	-	-	-	-	-	-	-	-
Anthracene	50000		-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	224		-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	61		-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1100		-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	50000		-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	1100		-	-	-	-	-	-	-	460	-
Bis(2-ethylhexyl)phthalate	50000		-	-	-	-	-	-	-	-	-
Carbozole			-	-	-	-	-	-	-	-	-
Chrysene	400		-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	8500		-	-	-	-	-	-	-	-	670
1,2-Dichlorobenzene	7900		-	-	-	-	-	-	-	-	970
Diethylphthalate	7100		-	-	-	-	-	-	-	-	-
Dimethylphthalate	7100		-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	8100		-	-	-	-	-	-	-	-	-
Fluoranthene	50000		-	-	-	1300	690	470	-	710	-
Indeno(1,2,3-cd)pyrene	3200		-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	36400		570	-	-	-	-	-	-	-	-
Phenanthrene	50000		-	-	-	-	-	-	-	-	-
Pyrene	50000		570	-	-	930	620	-	-	620	-
Acetone			67	-	-	22	-	-	-	-	-

Metals mg/kg	Cleanup obj.	East. USA	SB-C4	SB-C5	SB-D2	SB-D3	SB-SPTC-E	SPTC-W	SB-BL
Percent moisture			22	10.9	37.9	11.6	14.9	12.2	14.3
Aluminum	SB	33000	4720	8810	2940	5000	2800	5750	6380
Barium	300	15-600	< 25.6	< 22.4	128	29.4	< 23.5	34.7	36.1
Beryllium	0.16	0-1.75	< 0.64	< 0.56	< 0.80	< 0.57	< 0.59	< 0.57	<0.58
Cadmium	1	0.1-1	< 0.64	0.67	0.89	< 0.57	< 0.59	< 0.57	0.61
Calcium	SB	130-35000	580	2470	2820	761	24200	12800	1450
Chromium	10	1.5-40	6.24	14.9	6.7	9.06	5.41	9.3	13.6
Cobalt	30	2.5-60	< 6.41	6.08	< 8.05	< 5.66	< 5.88	< 5.69	<5.83
Copper	25	1-50	**26.9**	**78**	**81.3**	**55.3**	**78.8**	**67.1**	**79.6**
Iron	2000	2000-550000	**6140**	**13800**	**8000**	**7590**	**4900**	**7780**	**10700**
Magnesium	SB	100-5000	829	3250	482	1130	**13000**	**7320**	1740
Manganese	SB	50-5000	56.8	194	127	112	228	103	129
Nickel	13	0.5-25	5.41	10.6	10.3	7.18	6.82	5.9	11
Potassium	SB	8500-43000	252	647	334	397	357	395	725
Sodium	SB	6000-8000	65.2	417	244	119	80.9	119	88.5
Vanadium	150	1-300	8.35	19.8	15.2	10.8	10.4	13	15.5
Zinc	20	9-50	**34.9**	**42.7**	141	71.1	**56.6**	**60.2**	**51.9**
Antimony	SB		< 7.69	< 6.73	< 9.66	< 6.79	< 7.05	< 6.83	<7
Arsenic	7.5	3-12	2.59	3.4	14.1	2.97	3.44	**9.62**	3
Lead	SB	200-500	17.7	11.6	175	65.1	44.1	105	75
Selenium	2	0.1-3.9	< 0.64	< 0.56	1.39	< 0.57	< 0.59	< 0.57	<0.58
Silver	SB		< 1.28	< 1.12	< 1.61	< 1.13	< 1.18	< 1.14	<1.17
Thallium	SB		< 1.28	< 1.12	< 1.61	< 1.13	< 1.18	< 1.14	<1.17
Mercury	0.1	0.001-0.2	< 0.13	< 0.11	**3.02**	**0.28**	0.16	**0.24**	**2.37**
SVOCs ug/kg									
Acenaphthene	50000		-	-	-	-	-	-	
Acenapthylene	41000		-	-	-	-	-	450	
Anthracene	50000		-	-	-	-	-	1100	
Benzo(a)anthracene	224		-	-	**600**	-	**520**	**3100**	
Benzo(a)pyrene	61		-	-	**640**	-	**790**	**2600**	
Benzo(b)fluoranthene	1100		-	-	650	-	710	**2400**	
Benzo(g,h,i)perylene	50000		-	-	-	-	-	740	
Benzo(k)fluoranthene	1100		-	-	750	-	670	**3100**	
Bis(2-ethylhexyl)phthalate	50000		-	-	-	-	-	-	
Carbozole			-	-	-	-	-	410	
Chrysene	400		-	-	**620**	-	**600**	**3300**	
1,4-Dichlorobenzene	8500		-	-	-	-	-	-	
1,2-Dichlorobenzene	7900		-	-	-	-	-	-	
Diethylphthalate	7100		-	390	-	-	-	-	
Dimethylphthalate	7100		-	-	-	-	-	-	
Di-n-butylphthalate	8100		-	-	-	-	-	-	
Fluoranthene	50000		-	-	1300	-	930	7900	
Indeno(1,2,3-cd)pyrene	3200		-	-	-	-	-	910	
2-Methylnaphthalene	36400		-	-	-	-	-		
Phenanthrene	50000		-	-	1100	-	410	4600	
Pyrene	50000		-	-	1200	-	1000	5800	
Acetone			38	-	-	-	-	-	

Note:
Bold - indicates detection above standard or guidance value

Table 3. Groundwater Detections

Parameters	Units	GA Stds.	GW-SPTC-E	GW-D2	GW-A5	GW-B2	GW-C4
Aluminum	mg/L		18.5	13.3	19	12.7	8.42
Antimony	ug/L	3	< 60.0	< 60.0	< 60.0	< 60.0	< 60.0
Arsenic	ug/L	25	**26.4**	**41.3**	**122**	**36.1**	11.2
Barium	mg/L	1	**4.05**	**2.33**	0.917	**1.32**	**1.17**
Calcium	mg/L		400	193	157	111	89.5
Chromium	mg/L	0.05	0.024	0.013	**0.085**	0.031	< 0.010
Cobalt	mg/L		0.104	0.057	0.094	< 0.050	< 0.050
Copper	mg/L	0.2	**33.7**	**0.733**	**21.7**	0.071	**2.27**
Iron	mg/L	0.3	**37.8**	**31.6**	**64.2**	**30.4**	**17.3**
Lead	ug/L	25	**3310**	**1840**	**16600**	**4080**	**722**
Magnesium	mg/L	35	**95.5**	20.8	**94.6**	11.4	21.4
Manganese	mg/L	0.3	**11.1**	**4.01**	**8.46**	**3.23**	**1.41**
Nickel	mg/L	0.1	**0.369**	0.068	**0.202**	0.099	< 0.040
Potassium	mg/L		16.5	10.4	46.9	10.7	19.1
Selenium	ug/L	10	< 5.00	< 5.00	< 5.00	< 5.00	**11.4**
Sodium	mg/L	20	**43.8**	**29.8**	**550**	**49.7**	**52.2**
Thallum	ug/L	0.5	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Vanadium	mg/L		0.107	0.125	0.124	0.156	< 0.050
Zinc	mg/L	2	**15.4**	**2.75**	**23.5**	**12.2**	0.941
Beryllium	ug/L	3	**8.27**	< 5.00	6.13	< 5.00	< 5.00
Cadmium	ug/L	5	**112**	**20.6**	**224**	**28.4**	**8.66**
Silver	mg/L	0.05	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Mercury	ug/L	0.7	**87.6**	**30.9**	**3100**	**2.44**	**9.2**
Acetone	ug/L	50	12	-	12	-	-

Note:
Bold - indicates detection above standard or guidance value

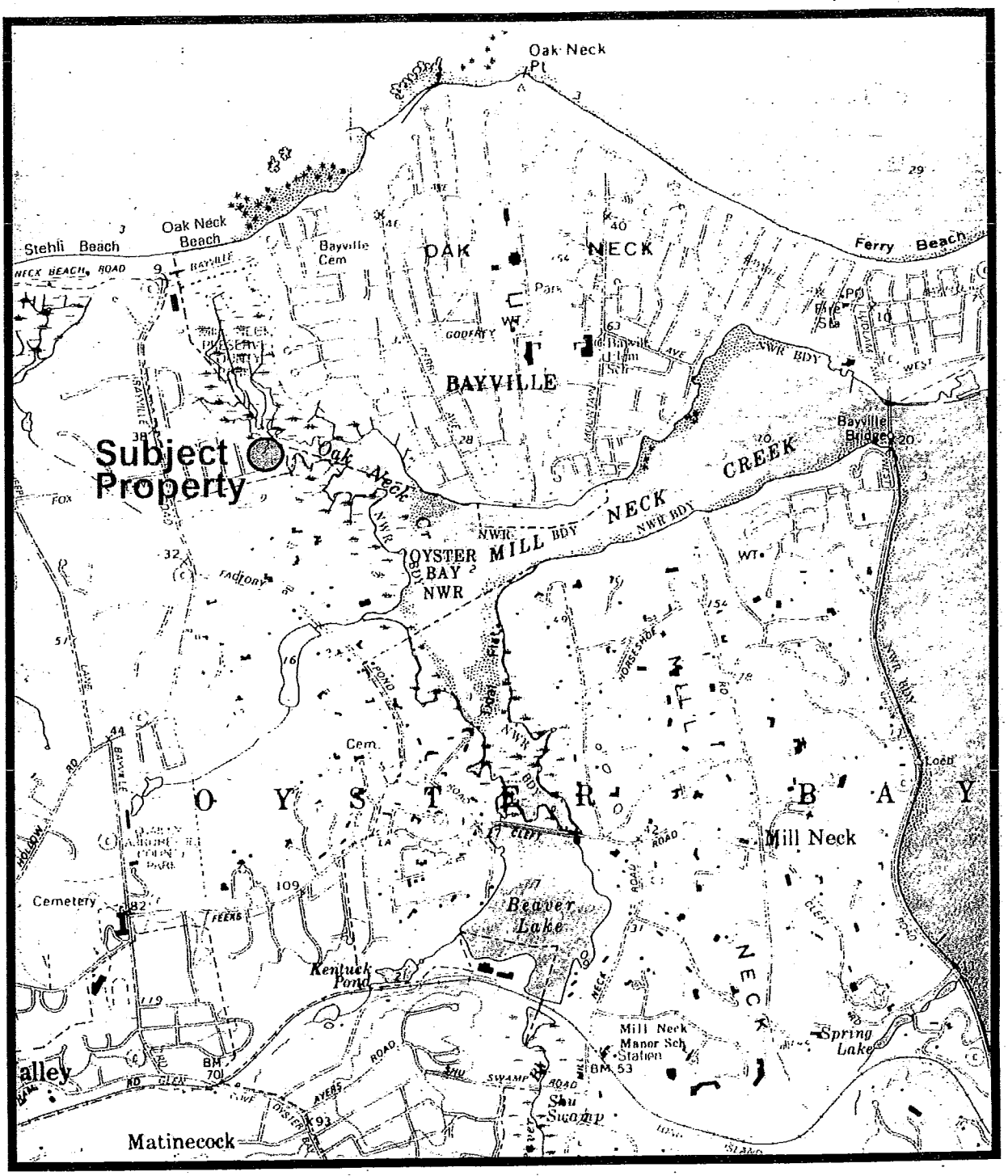
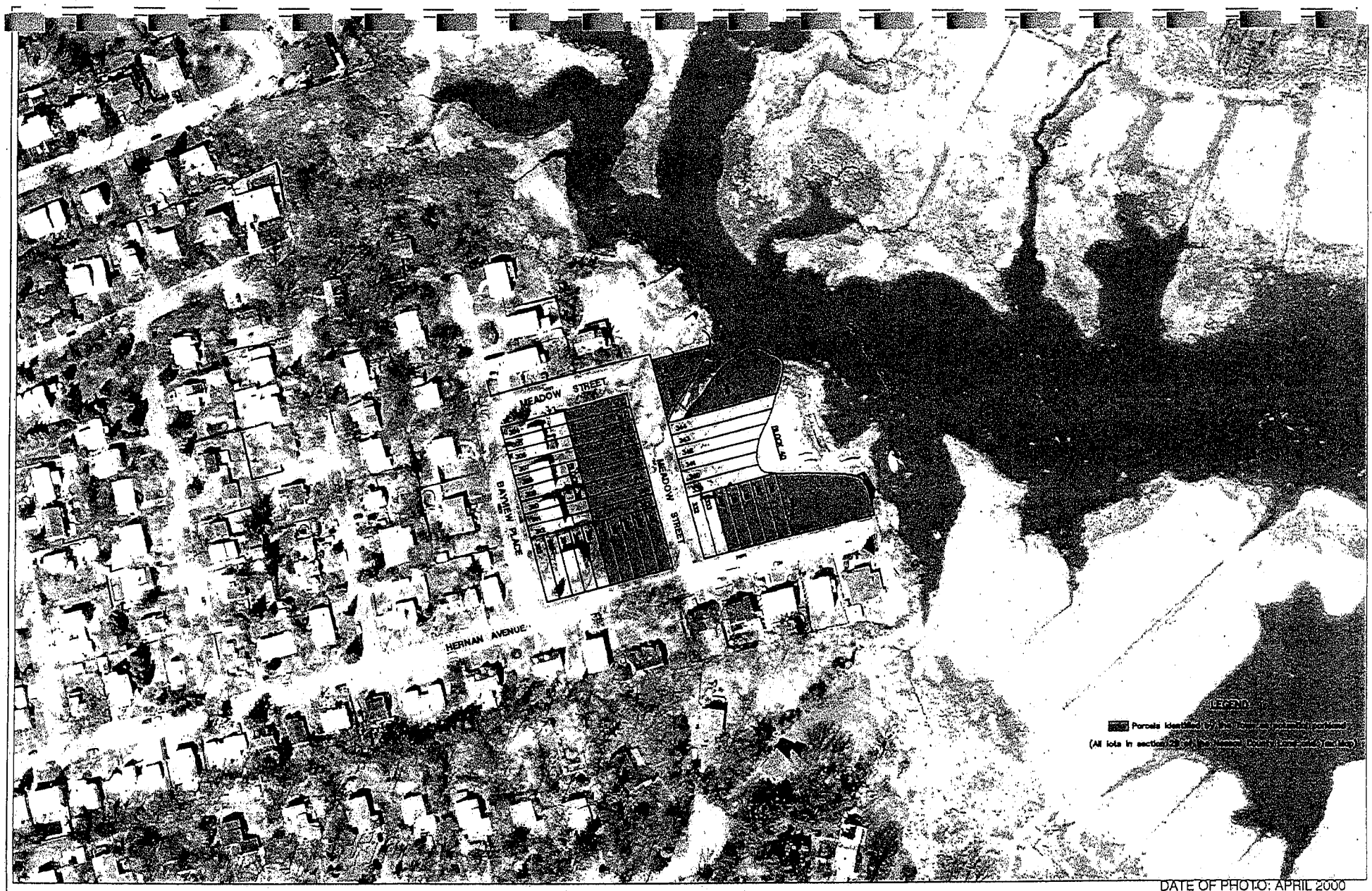


FIGURE 1

SITE LOCATION MAP

FORMER MILL NECK MARINA PROPERTY



DATE OF PHOTO: APRIL 2000

FIGURE 2

TOWN OF OYSTER BAY
MILL NECK MARINA
LOT MAP

SCALE: 1" = 200'±

NORTH

FIGURE 3
TOWN OF OYSTER BAY
MILL NECK MARINA

SURFACE SOIL
SAMPLE LOCATIONS
JUNE 2004

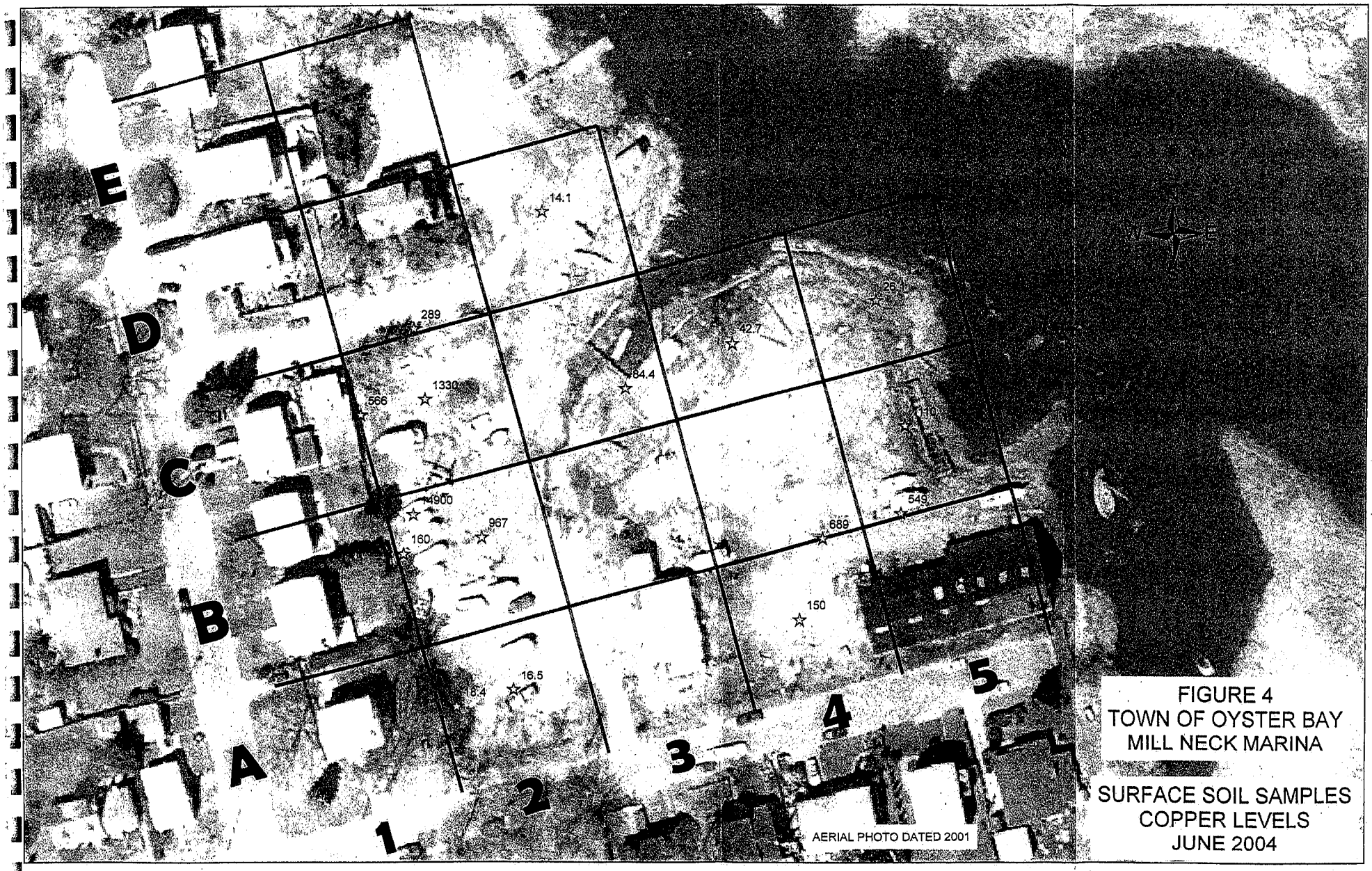


FIGURE 4
TOWN OF OYSTER BAY
MILL NECK MARINA

SURFACE SOIL SAMPLES
COPPER LEVELS
JUNE 2004

FIGURE 5
TOWN OF OYSTER BAY
MILL NECK MARINA

SURFACE SOIL SAMPLES
LEAD LEVELS
JUNE 2004

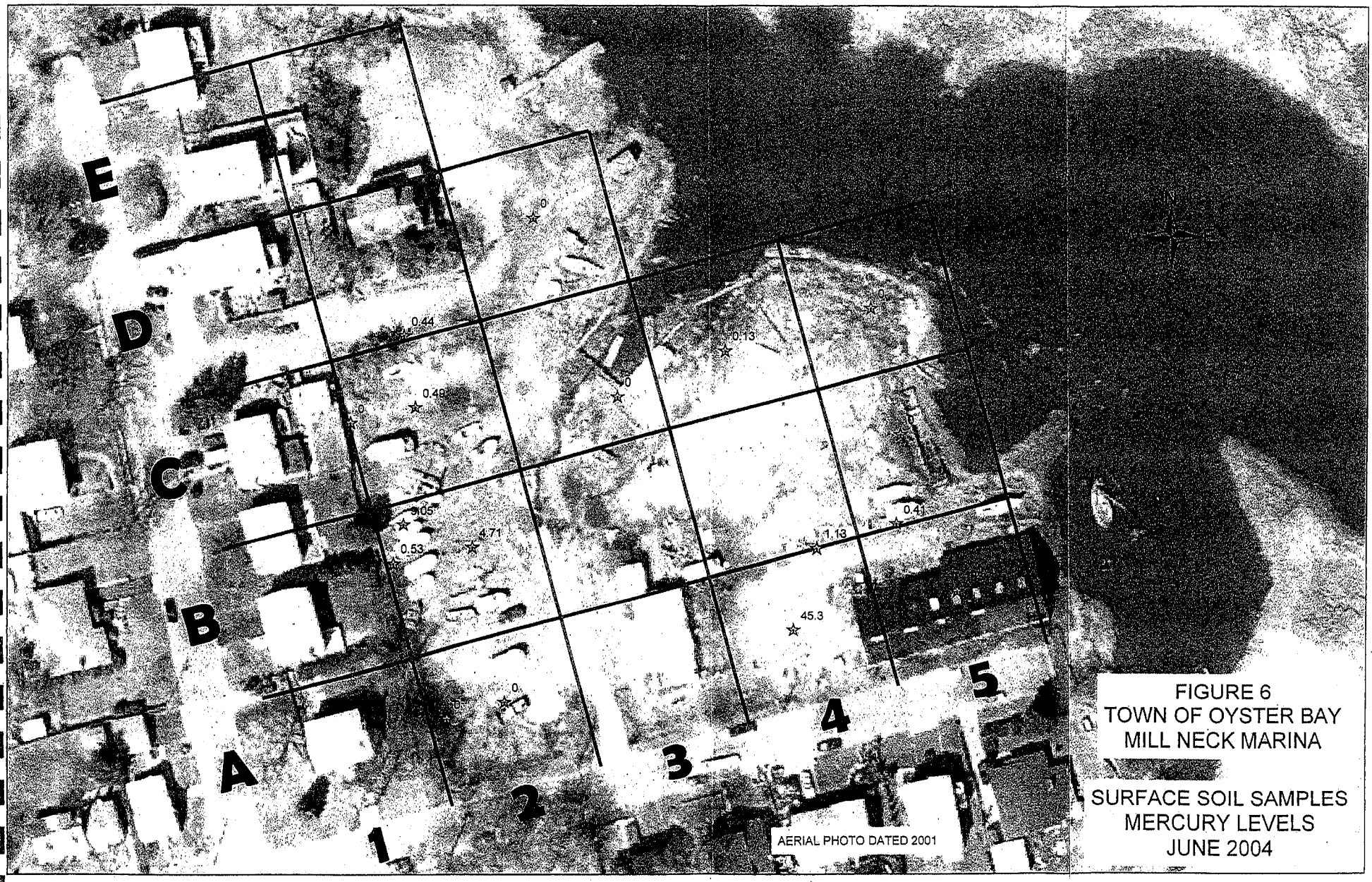


FIGURE 6
TOWN OF OYSTER BAY
MILL NECK MARINA

SURFACE SOIL SAMPLES
MERCURY LEVELS
JUNE 2004

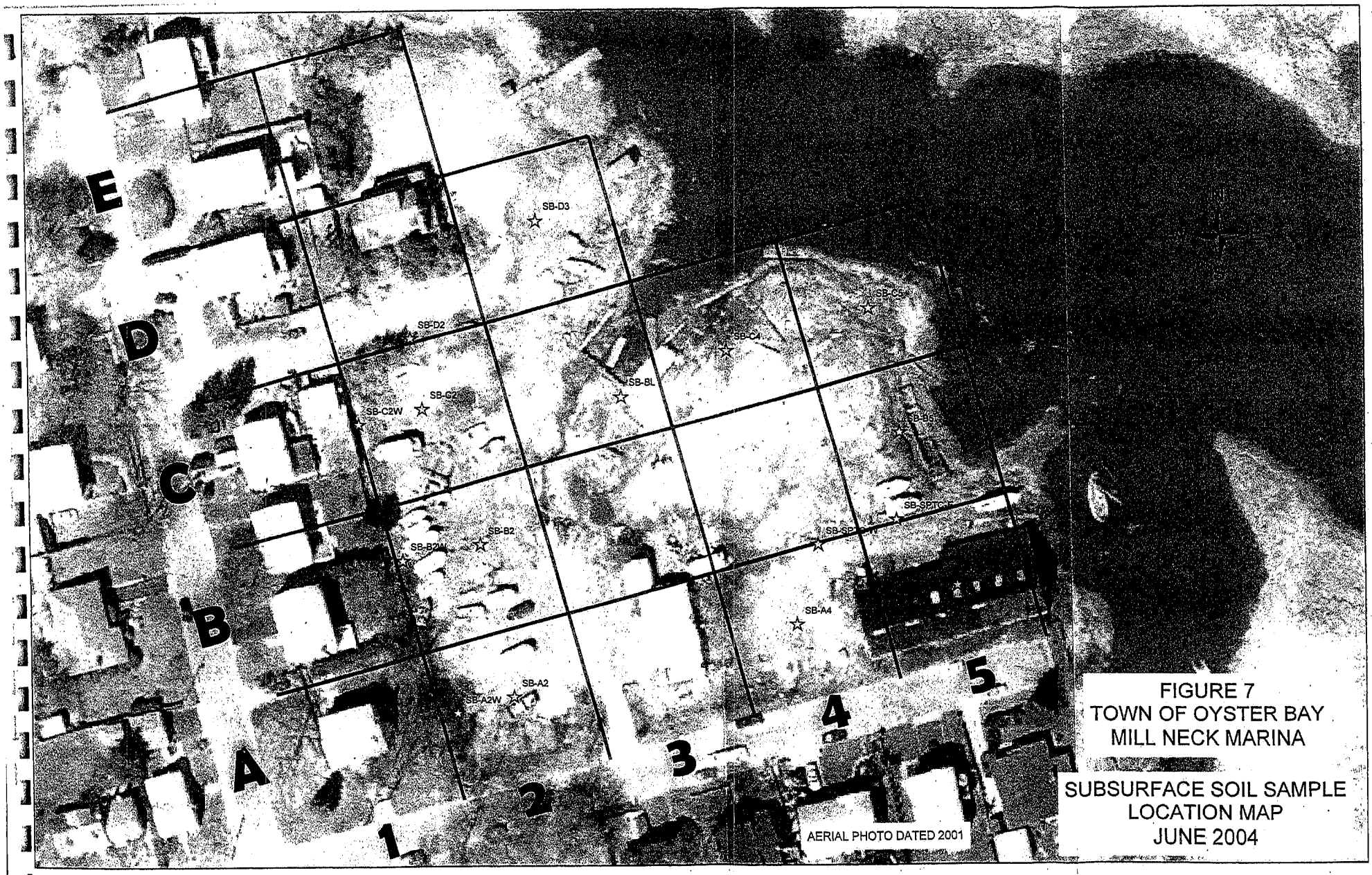


FIGURE 7
TOWN OF OYSTER BAY
MILL NECK MARINA

SUBSURFACE SOIL SAMPLE
LOCATION MAP
JUNE 2004

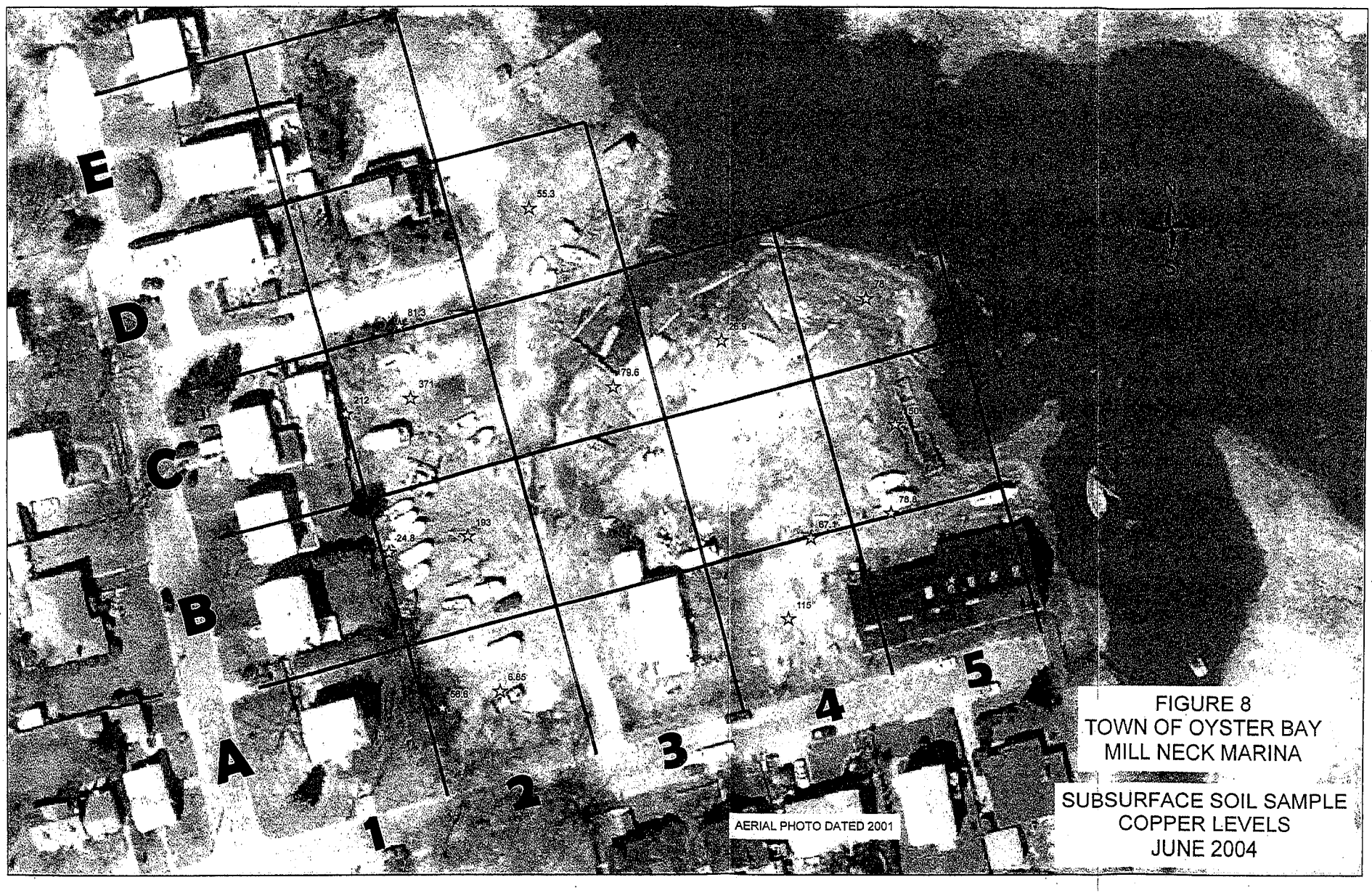


FIGURE 8
TOWN OF OYSTER BAY
MILL NECK MARINA

SUBSURFACE SOIL SAMPLE
COPPER LEVELS
JUNE 2004

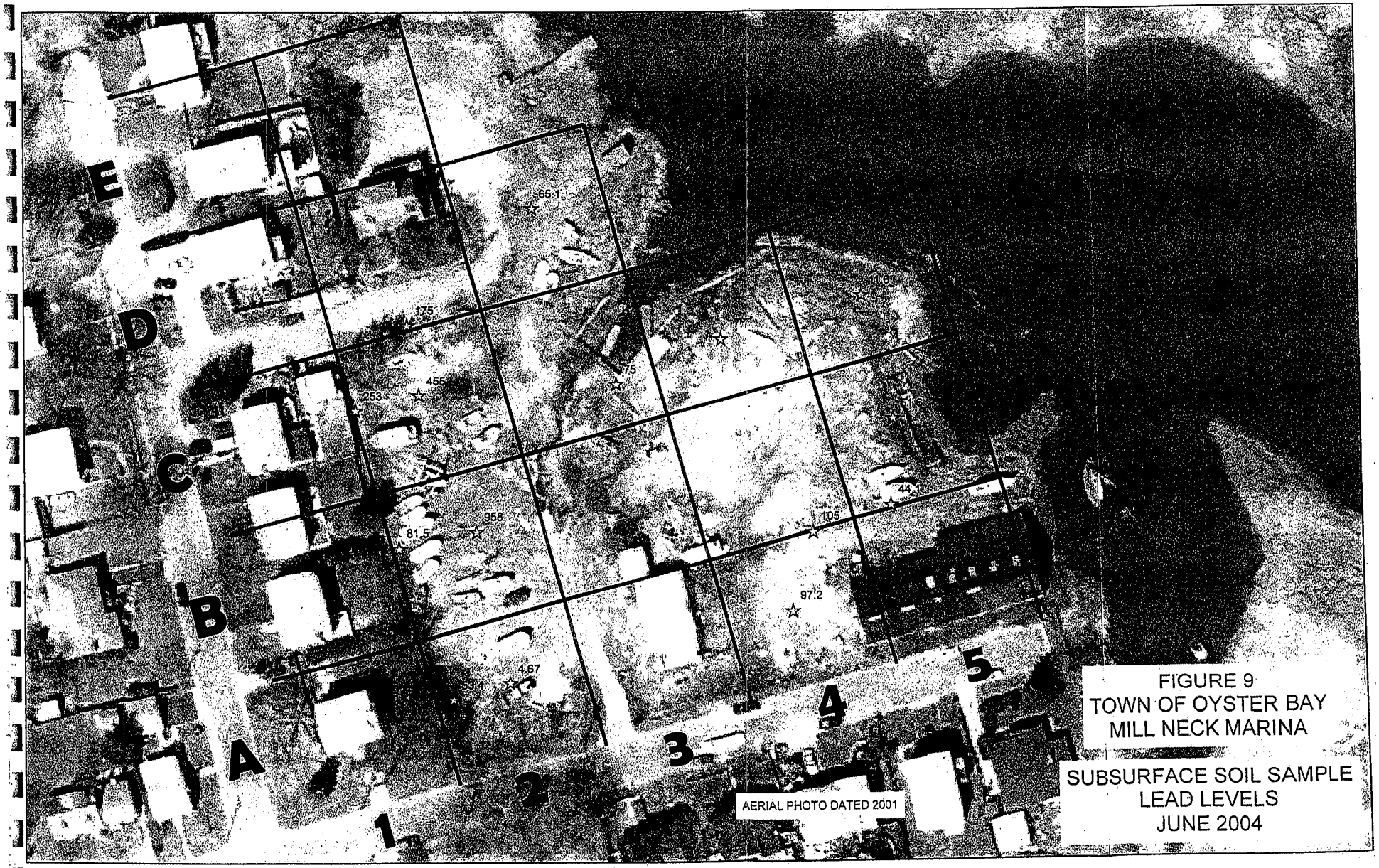


FIGURE 9
TOWN OF OYSTER BAY
MILL NECK MARINA

SUBSURFACE SOIL SAMPLE
LEAD LEVELS
JUNE 2004

FIGURE 11
TOWN OF OYSTER BAY
MILL NECK MARINA

GROUNDWATER
SAMPLE LOCATIONS
JUNE 2004

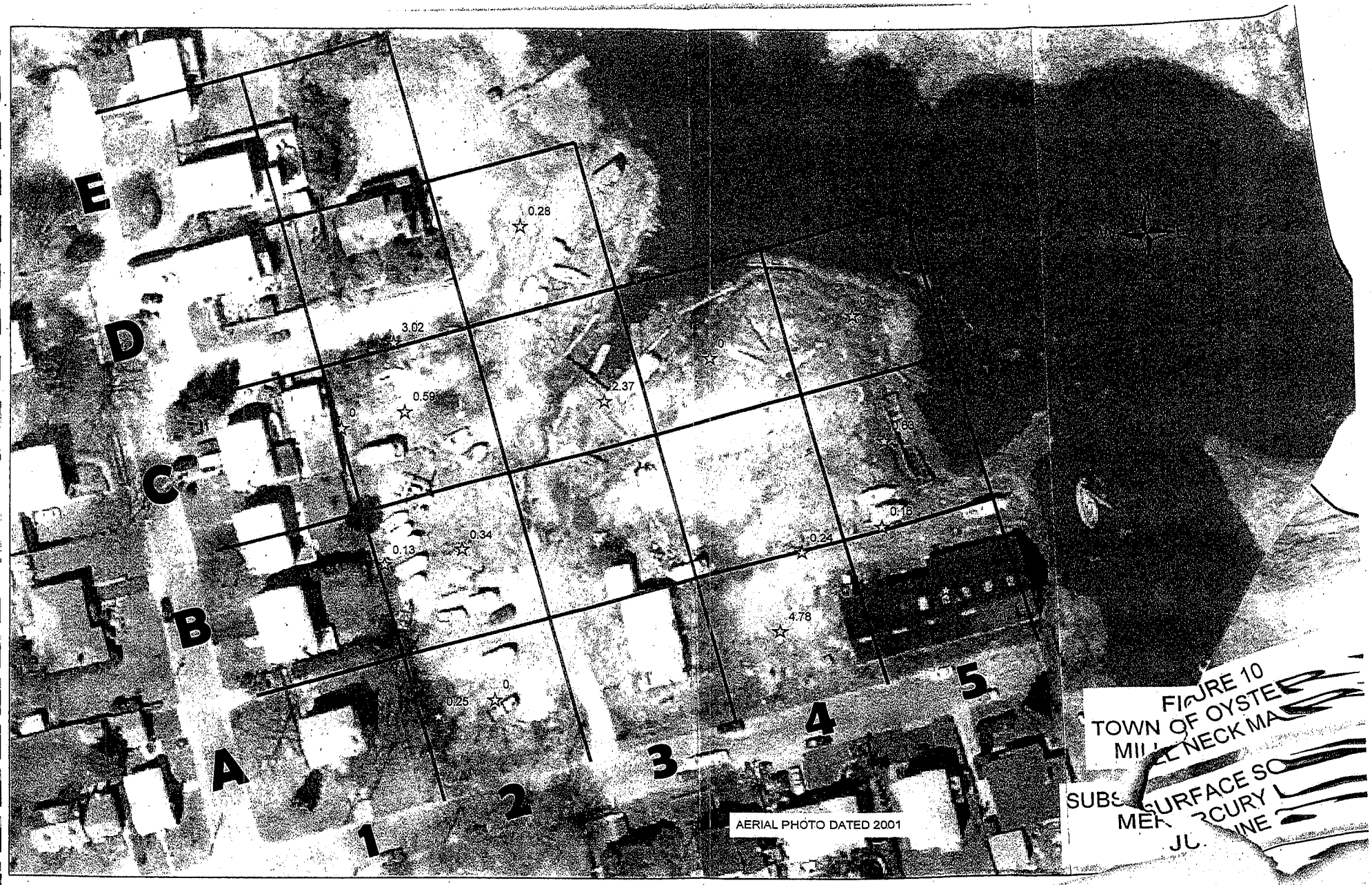


FIGURE 10
TOWN OF OYSTER
MILL NECK MA
SUBSURFACE SO
MERCURY
JU NE

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405153-001**

Client ID. : GW-SPTC-E

Sample Information...
Type : Groundwater

Origin:

Collected 5/4/04 8:30:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Naphthalene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
4-Chloroaniline	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	05/12/2004 6:24 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
2-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 6:24 PM
Dimethylphthalate	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Acenaphthylene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
3-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 6:24 PM
Acenaphthene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	05/12/2004 6:24 PM
4-Nitrophenol	< 25	µg/L	SW8270B	05/12/2004 6:24 PM
Dibenzofuran	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Diethylphthalate	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Fluorene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
4-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 6:24 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	05/12/2004 6:24 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Pentachlorophenol	< 25	µg/L	SW8270B	05/12/2004 6:24 PM
Phenanthrene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Anthracene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Carbazole	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Fluoranthene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Pyrene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405153-001

Client ID. : GW-SPTC-E

Sample Information...
Type : Groundwater

Origin:

Collected 5/4/04 8:30:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	05/12/2004 6:24 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Chrysene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Benzo(g,h,i)perylene -	< 10	µg/L	SW8270B	05/12/2004 6:24 PM
Chloromethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Bromomethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Vinyl chloride	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Chloroethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Methylene chloride	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Acetone	12	µg/L	SW8260B	05/06/2004 1:29 PM
Methyl tert-butyl ether	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
1,1-Dichloroethene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Carbon disulfide	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
1,1-Dichloroethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
1,2-Dichloroethene (total)	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Chloroform	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
1,2-Dichloroethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
2-Butanone	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
1,1,1-Trichloroethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Carbon tetrachloride	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Bromodichloromethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
1,2-Dichloropropane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
cis-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Trichloroethene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Dibromochloromethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
1,1,2-Trichloroethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Benzene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
trans-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Bromoform	< 10	µg/L	SW8260B	05/06/2004 1:29 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405153-001

Client ID. : GW-SPTC-E

Sample Information...
Type : Groundwater

Origin:

Collected 5/4/04 8:30:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
4-Methyl-2-pentanone	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
2-Hexanone	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Tetrachloroethene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
1,1,2,2-Tetrachloroethane	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Toluene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Chlorobenzene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Ethylbenzene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Styrene	< 10	µg/L	SW8260B	05/06/2004 1:29 PM
Xylene (total)	< 10	µg/L	SW8260B	05/06/2004 1:29 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0405153-002**

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-A5

Collected 5/4/04 8:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

(1) (2)

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	19.0	mg/L	SW6010B	05/20/2004 2:56 PM
Antimony	< 60.0	µg/L	SW6010B	05/20/2004 2:56 PM
Arsenic	122	µg/L	SW6010B	05/20/2004 2:56 PM
Barium	0.917	mg/L	SW6010B	05/20/2004 2:56 PM
Calcium	157	mg/L	SW6010B	05/20/2004 2:56 PM
Chromium	0.085	mg/L	SW6010B	05/20/2004 2:56 PM
Cobalt	0.094	mg/L	SW6010B	05/20/2004 2:56 PM
Copper	21.7	mg/L	SW6010B	05/20/2004 2:56 PM
Iron	64.2	mg/L	SW6010B	05/20/2004 2:56 PM
Lead	16600	µg/L	SW6010B	05/20/2004 2:56 PM
Magnesium	94.6	mg/L	SW6010B	05/20/2004 2:56 PM
Manganese	8.46	mg/L	SW6010B	05/20/2004 2:56 PM
Nickel	0.202	mg/L	SW6010B	05/20/2004 2:56 PM
Potassium	46.9	mg/L	SW6010B	05/20/2004 2:56 PM
Selenium	< 5.00	µg/L	SW6010B	05/20/2004 2:56 PM
Sodium	550	mg/L	SW6010B	05/20/2004 2:56 PM
Thallium	< 10.0	µg/L	SW6010B	05/20/2004 2:56 PM
Vanadium	0.124	mg/L	SW6010B	05/20/2004 2:56 PM
Zinc	23.5	mg/L	SW6010B	05/20/2004 2:56 PM
Beryllium	6.13	µg/L	SW6010B	05/20/2004 2:56 PM
Cadmium	224	µg/L	SW6010B	05/20/2004 2:56 PM
Silver	< 0.010	mg/L	SW6010B	05/20/2004 2:56 PM
Mercury	3100	ug/L	SW7470	05/14/2004 9:05 AM
Phenol	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2-Chlorophenol	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2-Methylphenol	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
4-Methylphenol	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Hexachloroethane	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Nitrobenzene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Isophorone	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2-Nitrophenol	< 10	µg/L	SW8270B	05/12/2004 7:03 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0405153-002**

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-A5

Collected 5/4/04 8:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Naphthalene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
4-Chloroaniline	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	05/12/2004 7:03 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 7:03 PM
Dimethylphthalate	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Acenaphthylene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
3-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 7:03 PM
Acenaphthene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	05/12/2004 7:03 PM
4-Nitrophenol	< 25	µg/L	SW8270B	05/12/2004 7:03 PM
Dibenzofuran	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Diethylphthalate	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Fluorene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
4-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 7:03 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	05/12/2004 7:03 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Pentachlorophenol	< 25	µg/L	SW8270B	05/12/2004 7:03 PM
Phenanthrene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Anthracene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Carbazole	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Fluoranthene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Pyrene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0405153-002**

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-A5

Collected 5/4/04 8:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	05/12/2004 7:03 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Chrysene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Benzo(g,h,i)perylene	< 10	µg/L	SW8270B	05/12/2004 7:03 PM
Chloromethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Bromomethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Vinyl chloride	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Chloroethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Methylene chloride	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Acetone	12	µg/L	SW8260B	05/06/2004 1:58 PM
Methyl tert-butyl ether	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
1,1-Dichloroethene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Carbon disulfide	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
1,1-Dichloroethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
1,2-Dichloroethene (total)	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Chloroform	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
1,2-Dichloroethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
2-Butanone	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
1,1,1-Trichloroethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Carbon tetrachloride	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Bromodichloromethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
1,2-Dichloropropane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
cis-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Trichloroethene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Dibromochloromethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
1,1,2-Trichloroethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Benzene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
trans-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Bromoform	< 10	µg/L	SW8260B	05/06/2004 1:58 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405153-002**

Client ID. : GW-A5

Sample Information...
Type : Groundwater

Origin:

Collected 5/4/04 8:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
4-Methyl-2-pentanone	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
2-Hexanone	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Tetrachloroethene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
1,1,2,2-Tetrachloroethane	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Toluene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Chlorobenzene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Ethylbenzene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Styrene	< 10	µg/L	SW8260B	05/06/2004 1:58 PM
Xylene (total)	< 10	µg/L	SW8260B	05/06/2004 1:58 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID#10478

LABORATORY RESULTS

Lab No. : **0405153-003**

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-D2

Collected 5/4/04 10:40:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	13.3	mg/L	SW6010B	05/20/2004 3:14 PM
Antimony	< 60.0	µg/L	SW6010B	05/20/2004 3:14 PM
Arsenic	41.3	µg/L	SW6010B	05/20/2004 3:14 PM
Barium	2.33	mg/L	SW6010B	05/20/2004 3:14 PM
Calcium	193	mg/L	SW6010B	05/20/2004 3:14 PM
Chromium	0.013	mg/L	SW6010B	05/20/2004 3:14 PM
Cobalt	0.057	mg/L	SW6010B	05/20/2004 3:14 PM
Copper	0.733	mg/L	SW6010B	05/20/2004 3:14 PM
Iron	31.6	mg/L	SW6010B	05/20/2004 3:14 PM
Lead	1840	µg/L	SW6010B	05/20/2004 3:14 PM
Magnesium	20.8	mg/L	SW6010B	05/20/2004 3:14 PM
Manganese	4.01	mg/L	SW6010B	05/20/2004 3:14 PM
Nickel	0.068	mg/L	SW6010B	05/20/2004 3:14 PM
Potassium	10.4	mg/L	SW6010B	05/20/2004 3:14 PM
Selenium	< 5.00	µg/L	SW6010B	05/20/2004 3:14 PM
Sodium	29.8	mg/L	SW6010B	05/20/2004 3:14 PM
Thallium	< 10.0	µg/L	SW6010B	05/20/2004 3:14 PM
Vanadium	0.125	mg/L	SW6010B	05/20/2004 3:14 PM
Zinc	2.75	mg/L	SW6010B	05/20/2004 3:14 PM
Beryllium	< 5.00	µg/L	SW6010B	05/20/2004 3:14 PM
Cadmium	20.6	µg/L	SW6010B	05/20/2004 3:14 PM
Silver	< 0.010	mg/L	SW6010B	05/20/2004 3:14 PM
Mercury	30.9	ug/L	SW7470	05/14/2004 8:54 AM
Phenol	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2-Chlorophenol	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2-Methylphenol	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
4-Methylphenol	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Hexachloroethane	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Nitrobenzene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Isophorone	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2-Nitrophenol	< 10	µg/L	SW8270B	05/12/2004 7:43 PM

Joann M. Slavin

Laboratory Manager

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405153-003

Client ID. : GW-D2

Sample Information...
Type : Groundwater

Origin:

Collected 5/4/04 10:40:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Naphthalene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
4-Chloroaniline	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	05/12/2004 7:43 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 7:43 PM
Dimethylphthalate	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Acenaphthylene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
3-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 7:43 PM
Acenaphthene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	05/12/2004 7:43 PM
4-Nitrophenol	< 25	µg/L	SW8270B	05/12/2004 7:43 PM
Dibenzofuran	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Diethylphthalate	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Fluorene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
4-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 7:43 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	05/12/2004 7:43 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Pentachlorophenol	< 25	µg/L	SW8270B	05/12/2004 7:43 PM
Phenanthrene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Anthracene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Carbazole	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Fluoranthene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Pyrene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : 0405153-003

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-D2

Collected 5/4/04 10:40:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	05/12/2004 7:43 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Chrysene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Benzo(g,h,i)perylene	< 10	µg/L	SW8270B	05/12/2004 7:43 PM
Chloromethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Bromomethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Vinyl chloride	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Chloroethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Methylene chloride	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Acetone	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Methyl tert-butyl ether	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
1,1-Dichloroethene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Carbon disulfide	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
1,1-Dichloroethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
1,2-Dichloroethene (total)	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Chloroform	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
1,2-Dichloroethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
2-Butanone	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
1,1,1-Trichloroethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Carbon tetrachloride	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Bromodichloromethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
1,2-Dichloropropane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
cis-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Trichloroethene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Dibromochloromethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
1,1,2-Trichloroethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Benzene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
trans-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Bromoform	< 10	µg/L	SW8260B	05/06/2004 2:27 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405153-003**

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-D2

Collected 5/4/04 10:40:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
4-Methyl-2-pentanone	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
2-Hexanone	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Tetrachloroethene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
1,1,2,2-Tetrachloroethane	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Toluene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Chlorobenzene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Ethylbenzene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Styrene	< 10	µg/L	SW8260B	05/06/2004 2:27 PM
Xylene (total)	< 10	µg/L	SW8260B	05/06/2004 2:27 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0405153-004**

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-B2

Collected 5/4/04 11:00:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	12.7	mg/L	SW6010B	05/20/2004 3:52 PM
Antimony	< 60.0	µg/L	SW6010B	05/20/2004 3:52 PM
Arsenic	36.1	µg/L	SW6010B	05/20/2004 3:52 PM
Barium	1.32	mg/L	SW6010B	05/20/2004 3:52 PM
Calcium	111	mg/L	SW6010B	05/20/2004 3:52 PM
Chromium	0.031	mg/L	SW6010B	05/20/2004 3:52 PM
Cobalt	< 0.050	mg/L	SW6010B	05/20/2004 3:52 PM
Copper	0.071	mg/L	SW6010B	05/20/2004 3:52 PM
Iron	30.4	mg/L	SW6010B	05/20/2004 3:52 PM
Lead	4080	µg/L	SW6010B	05/20/2004 3:52 PM
Magnesium	11.4	mg/L	SW6010B	05/20/2004 3:52 PM
Manganese	3.23	mg/L	SW6010B	05/20/2004 3:52 PM
Nickel	0.099	mg/L	SW6010B	05/20/2004 3:52 PM
Potassium	10.7	mg/L	SW6010B	05/20/2004 3:52 PM
Selenium	< 5.00	µg/L	SW6010B	05/20/2004 3:52 PM
Sodium	49.7	mg/L	SW6010B	05/20/2004 3:52 PM
Thallium	< 10.0	µg/L	SW6010B	05/20/2004 3:52 PM
Vanadium	0.156	mg/L	SW6010B	05/20/2004 3:52 PM
Zinc	12.2	mg/L	SW6010B	05/20/2004 3:52 PM
Beryllium	< 5.00	µg/L	SW6010B	05/20/2004 3:52 PM
Cadmium	28.4	µg/L	SW6010B	05/20/2004 3:52 PM
Silver	< 0.010	mg/L	SW6010B	05/20/2004 3:52 PM
Mercury	2.44	ug/L	SW7470	05/14/2004 7:56 AM
Phenol	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2-Chlorophenol	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2-Methylphenol	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
4-Methylphenol	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Hexachloroethane	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Nitrobenzene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Isophorone	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2-Nitrophenol	< 10	µg/L	SW8270B	05/12/2004 8:22 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405153-004**

Sample Information...
Type : Groundwater

Origin:

Client ID. : GW-B2

Collected 5/4/04 11:00:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Naphthalene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
4-Chloroaniline	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	05/12/2004 8:22 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 8:22 PM
Dimethylphthalate	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Acenaphthylene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
3-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 8:22 PM
Acenaphthene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	05/12/2004 8:22 PM
4-Nitrophenol	< 25	µg/L	SW8270B	05/12/2004 8:22 PM
Dibenzofuran	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Diethylphthalate	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Fluorene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
4-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 8:22 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	05/12/2004 8:22 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Pentachlorophenol	< 25	µg/L	SW8270B	05/12/2004 8:22 PM
Phenanthrene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Anthracene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Carbazole	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Fluoranthene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Pyrene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : 0405153-004

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-B2

Collected 5/4/04 11:00:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	05/12/2004 8:22 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Chrysene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Benzo(g,h,i)perylene	< 10	µg/L	SW8270B	05/12/2004 8:22 PM
Chloromethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Bromomethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Vinyl chloride	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Chloroethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Methylene chloride	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Acetone	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Methyl tert-butyl ether	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
1,1-Dichloroethene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Carbon disulfide	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
1,1-Dichloroethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
1,2-Dichloroethene (total)	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Chloroform	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
1,2-Dichloroethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
2-Butanone	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
1,1,1-Trichloroethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Carbon tetrachloride	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Bromodichloromethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
1,2-Dichloropropane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
cis-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Trichloroethene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Dibromochloromethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
1,1,2-Trichloroethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Benzene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
trans-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Bromoform	< 10	µg/L	SW8260B	05/05/2004 8:03 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405153-004

Client ID. : GW-B2

Sample Information...
Type : Groundwater

Origin:

Collected 5/4/04 11:00:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
C

Parameter(s)	Results	Units	Method Number	Analyzed
4-Methyl-2-pentanone	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
2-Hexanone	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Tetrachloroethene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
1,1,2,2-Tetrachloroethane	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Toluene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Chlorobenzene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Ethylbenzene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Styrene	< 10	µg/L	SW8260B	05/05/2004 8:03 PM
Xylene (total)	< 10	µg/L	SW8260B	05/05/2004 8:03 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0405153-005**

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-C4

Collected 5/4/04 9:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	8.42	mg/L	SW6010B	05/20/2004 4:01 PM
Antimony	< 60.0	µg/L	SW6010B	05/20/2004 4:01 PM
Arsenic	11.2	µg/L	SW6010B	05/20/2004 4:01 PM
Barium	1.17	mg/L	SW6010B	05/20/2004 4:01 PM
Calcium	89.5	mg/L	SW6010B	05/20/2004 4:01 PM
Chromium	< 0.010	mg/L	SW6010B	05/20/2004 4:01 PM
Cobalt	< 0.050	mg/L	SW6010B	05/20/2004 4:01 PM
Copper	2.27	mg/L	SW6010B	05/20/2004 4:01 PM
Iron	17.3	mg/L	SW6010B	05/20/2004 4:01 PM
Lead	722	µg/L	SW6010B	05/20/2004 4:01 PM
Magnesium	21.4	mg/L	SW6010B	05/20/2004 4:01 PM
Manganese	1.41	mg/L	SW6010B	05/20/2004 4:01 PM
Nickel	< 0.040	mg/L	SW6010B	05/20/2004 4:01 PM
Potassium	19.1	mg/L	SW6010B	05/20/2004 4:01 PM
Selenium	11.4	µg/L	SW6010B	05/20/2004 4:01 PM
Sodium	52.2	mg/L	SW6010B	05/20/2004 4:01 PM
Thallium	< 10.0	µg/L	SW6010B	05/20/2004 4:01 PM
Vanadium	< 0.050	mg/L	SW6010B	05/20/2004 4:01 PM
Zinc	0.941	mg/L	SW6010B	05/20/2004 4:01 PM
Beryllium	< 5.00	µg/L	SW6010B	05/20/2004 4:01 PM
Cadmium	8.66	µg/L	SW6010B	05/20/2004 4:01 PM
Silver	< 0.010	mg/L	SW6010B	05/20/2004 4:01 PM
Mercury	9.20	ug/L	SW7470	05/14/2004 7:58 AM
Phenol	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2-Chlorophenol	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2-Methylphenol	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
4-Methylphenol	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Hexachloroethane	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Nitrobenzene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Isophorone	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2-Nitrophenol	< 10	µg/L	SW8270B	05/12/2004 9:01 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405153-005

Client ID. : GW-C4

Sample Information...
Type : Groundwater

Origin:

Collected 5/4/04 9:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
cc

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Naphthalene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
4-Chloroaniline	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	05/12/2004 9:01 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 9:01 PM
Dimethylphthalate	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Acenaphthylene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
3-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 9:01 PM
Acenaphthene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	05/12/2004 9:01 PM
4-Nitrophenol	< 25	µg/L	SW8270B	05/12/2004 9:01 PM
Dibenzofuran	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Diethylphthalate	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Fluorene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
4-Nitroaniline	< 25	µg/L	SW8270B	05/12/2004 9:01 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	05/12/2004 9:01 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Pentachlorophenol	< 25	µg/L	SW8270B	05/12/2004 9:01 PM
Phenanthrene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Anthracene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Carbazole	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Fluoranthene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Pyrene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405153-005**

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-C4

Collected 5/4/04 9:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	05/12/2004 9:01 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Chrysene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Benzo(g,h,i)perylene	< 10	µg/L	SW8270B	05/12/2004 9:01 PM
Chloromethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Bromomethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Vinyl chloride	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Chloroethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Methylene chloride	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Acetone	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Methyl tert-butyl ether	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
1,1-Dichloroethene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Carbon disulfide	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
1,1-Dichloroethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
1,2-Dichloroethene (total)	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Chloroform	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
1,2-Dichloroethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
2-Butanone	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
1,1,1-Trichloroethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Carbon tetrachloride	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Bromodichloromethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
1,2-Dichloropropane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
cis-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Trichloroethene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Dibromochloromethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
1,1,2-Trichloroethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Benzene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
trans-1,3-Dichloropropene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Bromoform	< 10	µg/L	SW8260B	05/05/2004 8:31 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

H2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405153-005**

Sample Information...
Type : Groundwater

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : GW-C4

Collected 5/4/04 9:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To David Tonjes
QC

Parameter(s)	Results	Units	Method Number	Analyzed
4-Methyl-2-pentanone	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
2-Hexanone	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Tetrachloroethene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
1,1,2,2-Tetrachloroethane	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Toluene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Chlorobenzene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Ethylbenzene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Styrene	< 10	µg/L	SW8260B	05/05/2004 8:31 PM
Xylene (total)	< 10	µg/L	SW8260B	05/05/2004 8:31 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

Road Hollow Road, Melville NY 11747
)694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Sample Information...
Type : Soil

Origin:

Town of Oyster Bay
50 Miller Place
Mosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-003A

Client ID. : SS-C2W

Collected 5/3/04 10:35:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	6130	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Barium	174	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Beryllium	< 0.72	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Cadmium	2.13	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Calcium	3130	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Chromium	13.3	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Cobalt	< 7.19	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Copper	566	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Iron	12800	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Magnesium	1110	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Manganese	97.2	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Nickel	16.0	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Potassium	388	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Sodium	104	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Vanadium	22.7	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Zinc	524	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Antimony	14.6	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Arsenic	10.1	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Lead	554	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Selenium	0.79	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Silver	< 1.44	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Thallium	< 1.44	mg/Kg-dry	SW6010A	05/13/2004 2:08 PM
Mercury	1.44	mg/Kg-dry	SW7471	05/06/2004 8:12 AM
Phenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Bis(2-chloroethyl)ether	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2-Chlorophenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
1,3-Dichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
1,4-Dichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
1,2-Dichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2-Methylphenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2,2'-oxybis(1-Chloropropane)	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
4-Methylphenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
N-Nitroso-di-n-propylamine	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Hexachloroethane	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Nitrobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Isophorone	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2-Nitrophenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2,4-Dimethylphenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
(631)694-3040. FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-003A**

Client ID. : SS-C2W

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 10:35:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : **Original**
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2,4-Dichlorophenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
1,2,4-Trichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Naphthalene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
4-Chloroaniline	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Hexachlorobutadiene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
4-Chloro-3-methylphenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2-Methylnaphthalene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Hexachlorocyclopentadiene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2,4,6-Trichlorophenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2,4,5-Trichlorophenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2-Chloronaphthalene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2-Nitroaniline	< 1200	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Dimethylphthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Acenaphthylene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2,6-Dinitrotoluene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
3-Nitroaniline	< 1200	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Acenaphthene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2,4-Dinitrophenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
4-Nitrophenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Dibenzofuran	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
2,4-Dinitrotoluene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Diethylphthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
4-Chlorophenyl-phenylether	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Fluorene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
4-Nitroaniline	< 1200	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
4,6-Dinitro-2-methylphenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
N-Nitrosodiphenylamine	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
4-Bromophenyl-phenylether	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Hexachlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Pentachlorophenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Phenanthrene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Anthracene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Carbazole	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Di-n-butyl phthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Fluoranthene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Pyrene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Butyl benzyl phthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
3,3'-Dichlorobenzidine	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
)694-3040 FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-003A**

Client ID. : SS-C2W

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 10:35:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Chrysene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
bis(2-Ethylhexyl)phthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Di-n-octyl phthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Benzo(b)fluoranthene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Benzo(k)fluoranthene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Benzo(a)pyrene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Indeno(1,2,3-cd)pyrene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Dibenzo(a,h)anthracene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Benzo(g,h,i)perylene	< 470	µg/Kg-dry	SW8270B	05/07/2004 12:14 PM
Chloromethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Bromomethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Vinyl chloride	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Chloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Methylene chloride	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Acetone	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
1,1-Dichloroethene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Carbon disulfide	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
1,1-Dichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
1,2-Dichloroethene (total)	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Chloroform	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
1,2-Dichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
2-Butanone	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
1,1,1-Trichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Carbon tetrachloride	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Bromodichloromethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
1,2-Dichloropropane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
cis-1,3-Dichloropropene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Trichloroethene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Dibromochloromethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
1,1,2-Trichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Benzene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
trans-1,3-Dichloropropene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Bromoform	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
4-Methyl-2-pentanone	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
2-Hexanone	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Tetrachloroethene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
1,1,2,2-Tetrachloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
oad Hollow Road, Melville NY 11747
.94-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
/ Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-003A

Client ID. : SS-C2W

Sample Information...
Type : Soil

Origin:

llected 5/3/04 10:35:00 AM
eceived 5/3/04 3:10:00 PM
llected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Chlorobenzene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Ethylbenzene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Styrene	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Xylene (total)	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Methyl tert-butyl ether	< 14	µg/Kg-dry	SW8260B	05/05/2004 12:23 PM
Percent Moisture	30.5	wt%	D2216	05/05/2004 3:00 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

oad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
osset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405083-004A

Client ID. : SB-C2W

Sample Information...
Type : Soil

Origin:

llected 5/3/04 10:35:00 AM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	9070	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Barium	247	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Beryllium	< 0.85	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Cadmium	2.22	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Calcium	2510	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Chromium	12.8	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Cobalt	< 8.49	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Copper	212	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Iron	18900	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Magnesium	942	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Manganese	155	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Nickel	13.3	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Potassium	406	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Sodium	181	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Vanadium	29.9	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Zinc	465	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Antimony	< 10.2	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Arsenic	14.1	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Lead	253	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Selenium	2.30	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Silver	< 1.70	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Thallium	< 1.70	mg/Kg-dry	SW6010A	05/13/2004 2:36 PM
Mercury	< 0.17	mg/Kg-dry	SW7471	05/06/2004 8:18 AM
Phenol	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Bis(2-chloroethyl)ether	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2-Chlorophenol	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
1,3-Dichlorobenzene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
1,4-Dichlorobenzene	670	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
1,2-Dichlorobenzene	970	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2-Methylphenol	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2,2'-oxybis(1-Chloropropane)	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
4-Methylphenol	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
N-Nitroso-di-n-propylamine	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Hexachloroethane	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Nitrobenzene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Isophorone	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2-Nitrophenol	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2,4-Dimethylphenol	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Road Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

own of Oyster Bay
0 Miller Place
osset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405083-004A

Client ID. : SB-C2W

Sample Information...
Type : Soil

Origin:

llected 5/3/04 10:35:00 AM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2,4-Dichlorophenol	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
1,2,4-Trichlorobenzene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Naphthalene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
4-Chloroaniline	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Hexachlorobutadiene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
4-Chloro-3-methylphenol	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2-Methylnaphthalene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Hexachlorocyclopentadiene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2,4,6-Trichlorophenol	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2,4,5-Trichlorophenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2-Chloronaphthalene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2-Nitroaniline	< 1400	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Dimethylphthalate	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Acenaphthylene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2,6-Dinitrotoluene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
3-Nitroaniline	< 1400	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Acenaphthene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2,4-Dinitrophenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
4-Nitrophenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Dibenzofuran	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
2,4-Dinitrotoluene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Diethylphthalate	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
4-Chlorophenyl-phenylether	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Fluorene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
4-Nitroaniline	< 1400	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
4,6-Dinitro-2-methylphenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
N-Nitrosodiphenylamine	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
4-Bromophenyl-phenylether	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Hexachlorobenzene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Pentachlorophenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Phenanthrene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Anthracene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Carbazole	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Di-n-butyl phthalate	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Fluoranthene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Pyrene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Butyl benzyl phthalate	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
3,3'-Dichlorobenzidine	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
(631)694-3040 FAX:(631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-004A**

Client ID. : SB-C2W

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 10:35:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Chrysene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
bis(2-Ethylhexyl)phthalate	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Di-n-octyl phthalate	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Benzo(b)fluoranthene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Benzo(k)fluoranthene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Benzo(a)pyrene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Indeno(1,2,3-cd)pyrene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Dibenzo(a,h)anthracene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Benzo(g,h,i)perylene	< 560	µg/Kg-dry	SW8270B	05/07/2004 12:56 PM
Chloromethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Bromomethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Vinyl chloride	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Chloroethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Methylene chloride	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Acetone	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
1,1-Dichloroethene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Carbon disulfide	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
1,1-Dichloroethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
1,2-Dichloroethene (total)	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Chloroform	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
1,2-Dichloroethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
2-Butanone	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
1,1,1-Trichloroethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Carbon tetrachloride	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Bromodichloromethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
1,2-Dichloropropane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
cis-1,3-Dichloropropene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Trichloroethene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Dibromochloromethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
1,1,2-Trichloroethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Benzene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
trans-1,3-Dichloropropene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Bromoform	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
4-Methyl-2-pentanone	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
2-Hexanone	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Tetrachloroethene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
1,1,2,2-Tetrachloroethane	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

own of Oyster Bay
0 Miller Place
rosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : **0405083-004A**

Client ID. : SB-C2W

Sample Information...
Type : Soil

Origin:

llected 5/3/04 10:35:00 AM
Received 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Chlorobenzene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Ethylbenzene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Styrene	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Xylene (total)	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Methyl tert-butyl ether	< 17	µg/Kg-dry	SW8260B	05/05/2004 12:54 PM
Percent Moisture	41.1	wt%	D2216	05/05/2004 3:01 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

Road Hollow Road, Melville NY 11747
)694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Sample Information...
Type : Soil

Origin:

Lab No. : 0405083-005A

Town of Oyster Bay
50 Miller Place
Josset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : SS-B2W

Collected 5/3/04 11:15:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	5020	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Barium	65.7	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Beryllium	< 0.75	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Cadmium	1.16	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Calcium	1420	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Chromium	6.47	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Cobalt	< 7.54	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Copper	160	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Iron	5740	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Magnesium	736	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Manganese	123	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Nickel	6.84	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Potassium	247	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Sodium	103	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Vanadium	8.69	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Zinc	197	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Antimony	< 9.05	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Arsenic	4.40	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Lead	84.2	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Selenium	< 0.75	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Silver	< 1.51	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Thallium	< 1.51	mg/Kg-dry	SW6010A	05/13/2004 2:45 PM
Mercury	0.53	mg/Kg-dry	SW7471	05/06/2004 8:23 AM
Phenol	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Bis(2-chloroethyl)ether	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2-Chlorophenol	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
1,3-Dichlorobenzene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
1,4-Dichlorobenzene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
1,2-Dichlorobenzene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2-Methylphenol	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2,2'-oxybis(1-Chloropropane)	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
4-Methylphenol	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
N-Nitroso-di-n-propylamine	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Hexachloroethane	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Nitrobenzene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Isophorone	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2-Nitrophenol	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2,4-Dimethylphenol	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
(631)694-3040. FAX: (631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Town of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-005A**

Client ID. : SS-B2W

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 11:15:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : **Original**
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2,4-Dichlorophenol	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
1,2,4-Trichlorobenzene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Naphthalene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
4-Chloroaniline	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Hexachlorobutadiene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
4-Chloro-3-methylphenol	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2-Methylnaphthalene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Hexachlorocyclopentadiene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2,4,6-Trichlorophenol	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2,4,5-Trichlorophenol	< 1300	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2-Chloronaphthalene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2-Nitroaniline	< 1300	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Dimethylphthalate	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Acenaphthylene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2,6-Dinitrotoluene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
3-Nitroaniline	< 1300	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Acenaphthene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2,4-Dinitrophenol	< 1300	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
4-Nitrophenol	< 1300	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Dibenzofuran	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
2,4-Dinitrotoluene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Diethylphthalate	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
4-Chlorophenyl-phenylether	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Fluorene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
4-Nitroaniline	< 1300	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
4,6-Dinitro-2-methylphenol	< 1300	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
N-Nitrosodiphenylamine	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
4-Bromophenyl-phenylether	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Hexachlorobenzene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Pentachlorophenol	< 1300	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Phenanthrene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Anthracene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Carbazole	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Di-n-butyl phthalate	510	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Fluoranthene	700	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Pyrene	680	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Butyl benzyl phthalate	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
3,3'-Dichlorobenzidine	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

road Hollow Road, Melville NY 11747
694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405083-005A**

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
0 Miller Place
rosset, NY 11791
tn To : Richard Lenz,P.E.

Client ID. : SS-B2W

ollected 5/3/04 11:15:00 AM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Chrysene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
bis(2-Ethylhexyl)phthalate	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Di-n-octyl phthalate	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Benzo(b)fluoranthene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Benzo(k)fluoranthene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Benzo(a)pyrene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Indeno(1,2,3-cd)pyrene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Dibenzo(a,h)anthracene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Benzo(g,h,i)perylene	< 500	µg/Kg-dry	SW8270B	05/07/2004 1:38 PM
Chloromethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Bromomethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Vinyl chloride	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Chloroethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Methylene chloride	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Acetone	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
1,1-Dichloroethene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Carbon disulfide	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
1,1-Dichloroethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
1,2-Dichloroethene (total)	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Chloroform	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
1,2-Dichloroethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
2-Butanone	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
1,1,1-Trichloroethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Carbon tetrachloride	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Bromodichloromethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
1,2-Dichloropropane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
cis-1,3-Dichloropropene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Trichloroethene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Dibromochloromethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
1,1,2-Trichloroethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Benzene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
trans-1,3-Dichloropropene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Bromoform	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
4-Methyl-2-pentanone	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
2-Hexanone	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Tetrachloroethene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
1,1,2,2-Tetrachloroethane	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Road Hollow Road, Melville NY 11747
694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Sample Information...
Type : Soil

Origin:

own of Oyster Bay
0 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405083-005A**

Client ID. : SS-B2W

llected 5/3/04 11:15:00 AM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : **Original**
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Chlorobenzene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Ethylbenzene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Styrene	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Xylene (total)	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Methyl tert-butyl ether	< 15	µg/Kg-dry	SW8260B	05/05/2004 1:25 PM
Percent Moisture	33.7	wt%	D2216	05/05/2004 3:02 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

road Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
J Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-006A

Client ID. : SB-B2W

Sample Information...
Type : Soil

Origin:

llected 5/3/04 11:15:00 AM
eceived 5/3/04 3:10:00 PM
llected By : CLIENT
opy : Original
cc

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	5680	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Barium	71.2	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Beryllium	< 0.60	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Cadmium	0.75	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Calcium	769	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Chromium	9.34	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Cobalt	< 6.05	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Copper	24.8	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Iron	9390	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Magnesium	971	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Manganese	68.4	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Nickel	7.44	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Potassium	367	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Sodium	72.9	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Vanadium	11.3	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Zinc	213	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Antimony	< 7.26	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Arsenic	3.41	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Lead	81.5	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Selenium	< 0.60	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Silver	< 1.21	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Thallium	< 1.21	mg/Kg-dry	SW6010A	05/13/2004 2:54 PM
Mercury	0.13	mg/Kg-dry	SW7471	05/06/2004 8:25 AM
Phenol	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Bis(2-chloroethyl)ether	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2-Chlorophenol	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
1,3-Dichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
1,4-Dichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
1,2-Dichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2-Methylphenol	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2,2'-oxybis(1-Chloropropane)	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
4-Methylphenol	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
N-Nitroso-di-n-propylamine	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Hexachloroethane	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Nitrobenzene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Isophorone	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2-Nitrophenol	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2,4-Dimethylphenol	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
(631)694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Town of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-006A

Sample Information...
Type : Soil

Origin:

Client ID. : SB-B2W

Collected 5/3/04 11:15:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2,4-Dichlorophenol	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
1,2,4-Trichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Naphthalene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
4-Chloroaniline	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Hexachlorobutadiene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
4-Chloro-3-methylphenol	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2-Methylnaphthalene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Hexachlorocyclopentadiene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2,4,6-Trichlorophenol	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2,4,5-Trichlorophenol	< 1000	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2-Chloronaphthalene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2-Nitroaniline	< 1000	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Dimethylphthalate	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Acenaphthylene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2,6-Dinitrotoluene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
3-Nitroaniline	< 1000	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Acenaphthene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2,4-Dinitrophenol	< 1000	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
4-Nitrophenol	< 1000	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Dibenzofuran	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
2,4-Dinitrotoluene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Diethylphthalate	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
4-Chlorophenyl-phenylether	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Fluorene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
4-Nitroaniline	< 1000	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
4,6-Dinitro-2-methylphenol	< 1000	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
N-Nitrosodiphenylamine	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
4-Bromophenyl-phenylether	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Hexachlorobenzene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Pentachlorophenol	< 1000	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Phenanthrene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Anthracene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Carbazole	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Di-n-butyl phthalate	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Fluoranthene	470	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Pyrene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Butyl benzyl phthalate	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
3,3'-Dichlorobenzidine	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Town of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-006A**

Client ID. : **SB-B2W**

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 11:15:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Chrysene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
bis(2-Ethylhexyl)phthalate	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Di-n-octyl phthalate	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Benzo(b)fluoranthene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Benzo(k)fluoranthene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Benzo(a)pyrene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Indeno(1,2,3-cd)pyrene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Dibenzo(a,h)anthracene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Benzo(g,h,i)perylene	< 400	µg/Kg-dry	SW8270B	05/07/2004 2:20 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Acetone	33	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
2-Hexanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Tetrachloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
1,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Road Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

own of Oyster Bay
3 Miller Place
osset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : **0405083-006A**

Client ID. : SB-B2W

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 11:15:00 AM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Chlorobenzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Xylene (total)	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/05/2004 1:56 PM
Percent Moisture	17.3	wt%	D2216	05/05/2004 3:03 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

Road Hollow Road, Melville NY 11747
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0405083-007A**

Sample Information...
Type: Soil

Origin:

own of Oyster Bay
0 Miller Place
osset, NY 11791
ttn To : Richard Lenz,P.E.

Client ID. : SS-C2

ollected 5/3/04 11:40:00 AM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	3420	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Barium	115	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Beryllium	< 0.98	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Cadmium	1.15	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Calcium	11600	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Chromium	8.73	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Cobalt	< 9.84	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Copper	1330	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Iron	16700	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Magnesium	2070	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Manganese	350	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Nickel	9.73	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Potassium	301	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Sodium	110	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Vanadium	< 9.84	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Zinc	305	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Antimony	< 11.8	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Arsenic	7.50	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Lead	85.7	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Selenium	< 0.98	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Silver	< 1.97	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Thallium	< 1.97	mg/Kg-dry	SW6010A	05/13/2004 3:03 PM
Mercury	0.49	mg/Kg-dry	SW7471	05/06/2004 8:27 AM
Phenol	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Bis(2-chloroethyl)ether	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2-Chlorophenol	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
1,3-Dichlorobenzene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
1,4-Dichlorobenzene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
1,2-Dichlorobenzene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2-Methylphenol	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2,2'-oxybis(1-Chloropropane)	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
4-Methylphenol	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
N-Nitroso-di-n-propylamine	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Hexachloroethane	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Nitrobenzene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Isophorone	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2-Nitrophenol	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2,4-Dimethylphenol	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-007A**

Client ID. : SS-C2

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 11:40:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2,4-Dichlorophenol	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
1,2,4-Trichlorobenzene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Naphthalene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
4-Chloroaniline	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Hexachlorobutadiene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
4-Chloro-3-methylphenol	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2-Methylnaphthalene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Hexachlorocyclopentadiene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2,4,6-Trichlorophenol	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2,4,5-Trichlorophenol	< 1600	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2-Chloronaphthalene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2-Nitroaniline	< 1600	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Dimethylphthalate	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Acenaphthylene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2,6-Dinitrotoluene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
3-Nitroaniline	< 1600	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Acenaphthene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2,4-Dinitrophenol	< 1600	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
4-Nitrophenol	< 1600	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Dibenzofuran	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
2,4-Dinitrotoluene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Diethylphthalate	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
4-Chlorophenyl-phenylether	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Fluorene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
4-Nitroaniline	< 1600	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
4,6-Dinitro-2-methylphenol	< 1600	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
N-Nitrosodiphenylamine	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
4-Bromophenyl-phenylether	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Hexachlorobenzene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Pentachlorophenol	< 1600	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Phenanthrene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Anthracene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Carbazole	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Di-n-butyl phthalate	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Fluoranthene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Pyrene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Butyl benzyl phthalate	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
3,3'-Dichlorobenzidine	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

H2M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
01) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-007A**

Client ID. : SS-C2

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 11:40:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Chrysene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
bis(2-Ethylhexyl)phthalate	680	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Di-n-octyl phthalate	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Benzo(b)fluoranthene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Benzo(k)fluoranthene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Benzo(a)pyrene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Indeno(1,2,3-cd)pyrene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Dibenzo(a,h)anthracene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Benzo(g,h,i)perylene	< 650	µg/Kg-dry	SW8270B	05/07/2004 3:02 PM
Chloromethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Bromomethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Vinyl chloride	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Chloroethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Methylene chloride	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Acetone	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
1,1-Dichloroethene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Carbon disulfide	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
1,1-Dichloroethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
1,2-Dichloroethene (total)	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Chloroform	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
1,2-Dichloroethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
2-Butanone	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
1,1,1-Trichloroethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Carbon tetrachloride	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Bromodichloromethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
1,2-Dichloropropane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
cis-1,3-Dichloropropene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Trichloroethene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Dibromochloromethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
1,1,2-Trichloroethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Benzene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
trans-1,3-Dichloropropene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Bromoform	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
4-Methyl-2-pentanone	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
2-Hexanone	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Tetrachloroethene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
1,1,2,2-Tetrachloroethane	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

42M LABS, INC.
Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-007A

Sample Information...
Type : Soil

Origin:

Client ID. : SS-C2

Collected 5/3/04 11:40:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Chlorobenzene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Ethylbenzene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Styrene	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Xylene (total)	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Methyl tert-butyl ether	< 20	µg/Kg-dry	SW8260B	05/05/2004 2:28 PM
Percent Moisture	49.2	wt%	D2216	05/05/2004 3:04 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.
road Hollow Road, Melville NY 11747
)694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-008A

Client ID. : SB-C2

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 11:40:00 AM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	4230	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Barium	179	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Beryllium	< 0.68	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Cadmium	1.01	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Calcium	7000	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Chromium	10.5	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Cobalt	< 6.79	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Copper	371	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Iron	9240	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Magnesium	1120	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Manganese	73.1	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Nickel	8.69	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Potassium	258	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Sodium	111	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Vanadium	12.6	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Zinc	315	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Antimony	< 8.15	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Arsenic	8.11	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Lead	455	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Selenium	< 0.68	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Silver	< 1.36	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Thallium	< 1.36	mg/Kg-dry	SW6010A	05/13/2004 3:40 PM
Mercury	0.59	mg/Kg-dry	SW7471	05/06/2004 8:30 AM
Phenol	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Bis(2-chloroethyl)ether	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2-Chlorophenol	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
1,3-Dichlorobenzene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
1,4-Dichlorobenzene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
1,2-Dichlorobenzene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2-Methylphenol	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2,2'-oxybis(1-Chloropropane)	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
4-Methylphenol	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
N-Nitroso-di-n-propylamine	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Hexachloroethane	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Nitrobenzene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Isophorone	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2-Nitrophenol	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2,4-Dimethylphenol	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
30 Miller Place
Syosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405083-008A

Client ID. : SB-C2

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 11:40:00 AM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
cc

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2,4-Dichlorophenol	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
1,2,4-Trichlorobenzene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Naphthalene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
4-Chloroaniline	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Hexachlorobutadiene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
4-Chloro-3-methylphenol	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2-Methylnaphthalene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Hexachlorocyclopentadiene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2,4,6-Trichlorophenol	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2,4,5-Trichlorophenol	< 1100	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2-Chloronaphthalene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Dimethylphthalate	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Acenaphthylene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2,6-Dinitrotoluene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
3-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Acenaphthene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2,4-Dinitrophenol	< 1100	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
4-Nitrophenol	< 1100	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Dibenzofuran	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
2,4-Dinitrotoluene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Diethylphthalate	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
4-Chlorophenyl-phenylether	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Fluorene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
4-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
4,6-Dinitro-2-methylphenol	< 1100	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
N-Nitrosodiphenylamine	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
4-Bromophenyl-phenylether	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Hexachlorobenzene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Pentachlorophenol	< 1100	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Phenanthrene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Anthracene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Carbazole	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Di-n-butyl phthalate	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Fluoranthene	710	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Pyrene	620	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Butyl benzyl phthalate	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
3,3'-Dichlorobenzidine	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

'2M LABS, INC.
Broad Hollow Road, Melville NY 11747
)694-3040. FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
0 Miller Place
Vosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405083-008A

Client ID. : SB-C2

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 11:40:00 AM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Chrysene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
bis(2-Ethylhexyl)phthalate	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Di-n-octyl phthalate	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Benzo(b)fluoranthene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Benzo(k)fluoranthene	460	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Benzo(a)pyrene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Indeno(1,2,3-cd)pyrene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Dibenzo(a,h)anthracene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Benzo(g,h,i)perylene	< 450	µg/Kg-dry	SW8270B	05/07/2004 3:44 PM
Chloromethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Bromomethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Vinyl chloride	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Chloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Methylene chloride	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Acetone	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
1,1-Dichloroethene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Carbon disulfide	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
1,1-Dichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
1,2-Dichloroethene (total)	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Chloroform	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
1,2-Dichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
2-Butanone	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
1,1,1-Trichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Carbon tetrachloride	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Bromodichloromethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
1,2-Dichloropropane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
cis-1,3-Dichloropropene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Trichloroethene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Dibromochloromethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
1,1,2-Trichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Benzene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
trans-1,3-Dichloropropene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Bromoform	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
4-Methyl-2-pentanone	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
2-Hexanone	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Tetrachloroethene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
1,1,2,2-Tetrachloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

75 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-008A

Client ID. : SB-C2

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 11:40:00 AM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Chlorobenzene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Ethylbenzene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Styrene	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Xylene (total)	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Methyl tert-butyl ether	< 14	µg/Kg-dry	SW8260B	05/05/2004 2:59 PM
Percent Moisture	26.4	wt%	D2216	05/05/2004 3:05 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-009A**

Client ID. : SS-B2

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 12:00:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	7270	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Barium	2140	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Beryllium	< 0.71	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Cadmium	2.17	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Calcium	5750	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Chromium	28.0	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Cobalt	< 7.10	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Copper	967	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Iron	12900	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Magnesium	1990	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Manganese	278	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Nickel	17.6	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Potassium	640	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Sodium	142	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Vanadium	22.5	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Zinc	1260	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Antimony	< 8.52	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Arsenic	14.6	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Lead	576	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Selenium	1.10	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Silver	< 1.42	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Thallium	< 1.42	mg/Kg-dry	SW6010A	05/13/2004 3:59 PM
Mercury	4.71	mg/Kg-dry	SW7471	05/06/2004 8:58 AM
Phenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Bis(2-chloroethyl)ether	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2-Chlorophenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
1,3-Dichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
1,4-Dichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
1,2-Dichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2-Methylphenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2,2'-oxybis(1-Chloropropane)	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
4-Methylphenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
N-Nitroso-di-n-propylamine	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Hexachloroethane	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Nitrobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Isophorone	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2-Nitrophenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2,4-Dimethylphenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-009A

Client ID. : SS-B2

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 12:00:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2,4-Dichlorophenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
1,2,4-Trichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Naphthalene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
4-Chloroaniline	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Hexachlorobutadiene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
4-Chloro-3-methylphenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2-Methylnaphthalene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Hexachlorocyclopentadiene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2,4,6-Trichlorophenol	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2,4,5-Trichlorophenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2-Chloronaphthalene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2-Nitroaniline	< 1200	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Dimethylphthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Acenaphthylene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2,6-Dinitrotoluene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
3-Nitroaniline	< 1200	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Acenaphthene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2,4-Dinitrophenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
4-Nitrophenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Dibenzofuran	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
2,4-Dinitrotoluene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Diethylphthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
4-Chlorophenyl-phenylether	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Fluorene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
4-Nitroaniline	< 1200	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
4,6-Dinitro-2-methylphenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
N-Nitrosodiphenylamine	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
4-Bromophenyl-phenylether	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Hexachlorobenzene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Pentachlorophenol	< 1200	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Phenanthrene	820	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Anthracene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Carbazole	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Di-n-butyl phthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Fluoranthene	1800	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Pyrene	1600	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Butyl benzyl phthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
3,3'-Dichlorobenzidine	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

42M LABS, INC.

35 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-009A

Client ID. : SS-B2

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 12:00:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	980	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Chrysene	1000	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
bis(2-Ethylhexyl)phthalate	720	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Di-n-octyl phthalate	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Benzo(b)fluoranthene	1100	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Benzo(k)fluoranthene	1100	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Benzo(a)pyrene	1100	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Indeno(1,2,3-cd)pyrene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Dibenzo(a,h)anthracene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Benzo(g,h,i)perylene	< 470	µg/Kg-dry	SW8270B	05/07/2004 4:26 PM
Chloromethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Bromomethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Vinyl chloride	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Chloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Methylene chloride	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Acetone	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
1,1-Dichloroethene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Carbon disulfide	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
1,1-Dichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
1,2-Dichloroethene (total)	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Chloroform	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
1,2-Dichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
2-Butanone	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
1,1,1-Trichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Carbon tetrachloride	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Bromodichloromethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
1,2-Dichloropropane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
cis-1,3-Dichloropropene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Trichloroethene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Dibromochloromethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
1,1,2-Trichloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Benzene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
trans-1,3-Dichloropropene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Bromoform	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
4-Methyl-2-pentanone	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
2-Hexanone	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Tetrachloroethene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
1,1,2,2-Tetrachloroethane	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
394-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
Syosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-009A

Client ID. : SS-B2

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 12:00:00 PM
eceived 5/3/04 3:10:00 PM
llected By : CLIENT
opy : Original
cc

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Chlorobenzene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Ethylbenzene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Styrene	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Xylene (total)	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Methyl tert-butyl ether	< 14	µg/Kg-dry	SW8260B	05/05/2004 3:30 PM
Percent Moisture	29.6	wt%	D2216	05/05/2004 3:06 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

42M LABS, INC.

45 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-010A**

Client ID. : SB-B2

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 12:00:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	9390	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Barium	763	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Beryllium	0.89	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Cadmium	5.51	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Calcium	9960	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Chromium	31.9	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Cobalt	14.6	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Copper	193	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Iron	71700	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Magnesium	576	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Manganese	522	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Nickel	33.9	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Potassium	1010	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Sodium	272	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Vanadium	33.7	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Zinc	1260	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Antimony	< 9.77	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Arsenic	25.7	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Lead	958	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Selenium	3.66	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Silver	< 1.63	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Thallium	< 1.63	mg/Kg-dry	SW6010A	05/13/2004 4:17 PM
Mercury	0.34	mg/Kg-dry	SW7471	05/06/2004 8:33 AM
Phenol	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Bis(2-chloroethyl)ether	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2-Chlorophenol	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
1,3-Dichlorobenzene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
1,4-Dichlorobenzene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
1,2-Dichlorobenzene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2-Methylphenol	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2,2'-oxybis(1-Chloropropane)	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
4-Methylphenol	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
N-Nitroso-di-n-propylamine	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Hexachloroethane	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Nitrobenzene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Isophorone	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2-Nitrophenol	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2,4-Dimethylphenol	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
vosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-010A

Client ID. : SB-B2

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 12:00:00 PM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
cc

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2,4-Dichlorophenol	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
1,2,4-Trichlorobenzene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Naphthalene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
4-Chloroaniline	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Hexachlorobutadiene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
4-Chloro-3-methylphenol	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2-Methylnaphthalene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Hexachlorocyclopentadiene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2,4,6-Trichlorophenol	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2,4,5-Trichlorophenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2-Chloronaphthalene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2-Nitroaniline	< 1400	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Dimethylphthalate	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Acenaphthylene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2,6-Dinitrotoluene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
3-Nitroaniline	< 1400	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Acenaphthene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2,4-Dinitrophenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
4-Nitrophenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Dibenzofuran	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
2,4-Dinitrotoluene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Diethylphthalate	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
4-Chlorophenyl-phenylether	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Fluorene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
4-Nitroaniline	< 1400	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
4,6-Dinitro-2-methylphenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
N-Nitrosodiphenylamine	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
4-Bromophenyl-phenylether	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Hexachlorobenzene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Pentachlorophenol	< 1400	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Phenanthrene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Anthracene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Carbazole	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Di-n-butyl phthalate	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Fluoranthene	690	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Pyrene	620	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Butyl benzyl phthalate	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
3,3'-Dichlorobenzidine	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

42M LABS, INC.
Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-010A

Client ID. : SB-B2

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 12:00:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Chrysene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
bis(2-Ethylhexyl)phthalate	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Di-n-octyl phthalate	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Benzo(b)fluoranthene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Benzo(k)fluoranthene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Benzo(a)pyrene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Indeno(1,2,3-cd)pyrene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Dibenzo(a,h)anthracene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Benzo(g,h,i)perylene	< 540	µg/Kg-dry	SW8270B	05/07/2004 5:07 PM
Chloromethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Bromomethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Vinyl chloride	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Chloroethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Methylene chloride	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Acetone	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
1,1-Dichloroethene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Carbon disulfide	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
1,1-Dichloroethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
1,2-Dichloroethene (total)	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Chloroform	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
1,2-Dichloroethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
2-Butanone	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
1,1,1-Trichloroethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Carbon tetrachloride	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Bromodichloromethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
1,2-Dichloropropane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
cis-1,3-Dichloropropene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Trichloroethene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Dibromochloromethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
1,1,2-Trichloroethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Benzene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
trans-1,3-Dichloropropene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Bromoform	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
4-Methyl-2-pentanone	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
2-Hexanone	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Tetrachloroethene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
1,1,2,2-Tetrachloroethane	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Sample Information...
Type : Soil

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405083-010A**

Client ID. : SB-B2

Collected 5/3/04 12:00:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : **Original**
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Chlorobenzene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Ethylbenzene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Styrene	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Xylene (total)	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Methyl tert-butyl ether	< 16	µg/Kg-dry	SW8260B	05/05/2004 4:02 PM
Percent Moisture	38.6	wt%	D2216	05/05/2004 3:08 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
1694-3040. FAX (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Sample Information...
Type : Soil

Origin:

own of Oyster Bay
50 Miller Place
yosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405083-011A

Client ID. : SS-B2 NW

Collected 5/3/04 12:05:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	3070	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Barium	66.5	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Beryllium	< 0.69	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Cadmium	1.27	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Calcium	1740	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Chromium	10.8	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Cobalt	< 6.86	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Copper	14900	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Iron	6030	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Magnesium	724	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Manganese	73.5	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Nickel	7.81	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Potassium	231	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Sodium	77.7	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Vanadium	9.87	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Zinc	454	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Antimony	< 8.23	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Arsenic	4.08	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Lead	354	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Selenium	< 0.69	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Silver	< 1.37	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Thallium	< 1.37	mg/Kg-dry	SW6010A	05/13/2004 4:26 PM
Mercury	9.05	mg/Kg-dry	SW7471	05/06/2004 8:59 AM
Percent Moisture	27.1	wt%	D2216	05/05/2004 3:09 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
394-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405083-012A**

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
) Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Client ID. : SS-A2

llected 5/3/04 1:15:00 PM
eceived 5/3/04 3:10:00 PM
llected By : CLIENT
opy : **Original**
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	4990	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Barium	22.3	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Beryllium	< 0.55	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Cadmium	< 0.55	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Calcium	273	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Chromium	9.33	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Cobalt	< 5.51	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Copper	16.5	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Iron	11100	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Magnesium	808	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Manganese	149	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Nickel	8.28	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Potassium	451	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Sodium	24.7	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Vanadium	15.2	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Zinc	26.8	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Antimony	< 6.62	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Arsenic	4.60	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Lead	12.9	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Selenium	< 0.55	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Silver	< 1.10	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Thallium	< 1.10	mg/Kg-dry	SW6010A	05/13/2004 4:36 PM
Mercury	< 0.11	mg/Kg-dry	SW7471	05/06/2004 8:37 AM
Phenol	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Bis(2-chloroethyl)ether	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2-Chlorophenol	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
1,3-Dichlorobenzene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
1,4-Dichlorobenzene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
1,2-Dichlorobenzene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2-Methylphenol	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2,2'-oxybis(1-Chloropropane)	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
4-Methylphenol	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
N-Nitroso-di-n-propylamine	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Hexachloroethane	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Nitrobenzene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Isophorone	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2-Nitrophenol	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2,4-Dimethylphenol	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
)694-3040 .FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Sample Information...
Type : Soil

Origin:

own of Oyster Bay
50 Miller Place
yosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405083-012A

Client ID. : SS-A2

ollected 5/3/04 1:15:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2,4-Dichlorophenol	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
1,2,4-Trichlorobenzene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Naphthalene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
4-Chloroaniline	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Hexachlorobutadiene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
4-Chloro-3-methylphenol	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2-Methylnaphthalene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Hexachlorocyclopentadiene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2,4,6-Trichlorophenol	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2,4,5-Trichlorophenol	< 920	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2-Chloronaphthalene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2-Nitroaniline	< 920	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Dimethylphthalate	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Acenaphthylene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2,6-Dinitrotoluene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
3-Nitroaniline	< 920	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Acenaphthene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2,4-Dinitrophenol	< 920	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
4-Nitrophenol	< 920	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Dibenzofuran	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
2,4-Dinitrotoluene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Diethylphthalate	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
4-Chlorophenyl-phenylether	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Fluorene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
4-Nitroaniline	< 920	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
4,6-Dinitro-2-methylphenol	< 920	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
N-Nitrosodiphenylamine	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
4-Bromophenyl-phenylether	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Hexachlorobenzene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Pentachlorophenol	< 920	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Phenanthrene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Anthracene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Carbazole	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Di-n-butyl phthalate	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Fluoranthene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Pyrene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Butyl benzyl phthalate	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
3,3'-Dichlorobenzidine	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
ead Hollow Road, Melville NY 11747
)694-3040 .FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405083-012A**

Sample Information...
Type : Soil

Origin:

Client ID. : SS-A2

llected 5/3/04 1:15:00 PM
ceived 5/3/04 3:10:00 PM
ollected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Chrysene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
bis(2-Ethylhexyl)phthalate	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Di-n-octyl phthalate	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Benzo(b)fluoranthene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Benzo(k)fluoranthene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Benzo(a)pyrene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Indeno(1,2,3-cd)pyrene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Dibenzo(a,h)anthracene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Benzo(g,h,i)perylene	< 360	µg/Kg-dry	SW8270B	05/07/2004 5:49 PM
Chloromethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Bromomethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Vinyl chloride	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Chloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Methylene chloride	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Acetone	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
1,1-Dichloroethene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Carbon disulfide	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
1,1-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
1,2-Dichloroethene (total)	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Chloroform	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
1,2-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
2-Butanone	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
1,1,1-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Carbon tetrachloride	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Bromodichloromethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
1,2-Dichloropropane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
cis-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Trichloroethene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Dibromochloromethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
1,1,2-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Benzene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
trans-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Bromoform	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
4-Methyl-2-pentanone	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
2-Hexanone	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Tetrachloroethene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
1,1,2,2-Tetrachloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Sample Information...
Type : Soil

Origin:

own of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz, P.E.

Lab No. : 0405083-012A

Client ID. : SS-A2

Collected 5/3/04 1:15:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Chlorobenzene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Ethylbenzene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Styrene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Xylene (total)	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Methyl tert-butyl ether	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:27 PM
Percent Moisture	9.3	wt%	D2216	05/05/2004 3:10 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
394-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
yosset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405083-013A

Client ID. : SB-A2

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 1:15:00 PM
ceived 5/3/04 3:10:00 PM
llected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	6670	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Barium	< 22.9	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Beryllium	< 0.57	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Cadmium	< 0.57	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Calcium	376	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Chromium	8.26	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Cobalt	< 5.73	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Copper	6.85	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Iron	8130	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Magnesium	742	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Manganese	45.8	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Nickel	< 4.58	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Potassium	264	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Sodium	46.4	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Vanadium	11.0	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Zinc	24.0	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Antimony	< 6.87	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Arsenic	2.18	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Lead	4.67	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Selenium	< 0.57	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Silver	< 1.15	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Thallium	< 1.15	mg/Kg-dry	SW6010A	05/13/2004 4:45 PM
Mercury	< 0.12	mg/Kg-dry	SW7471	05/06/2004 8:48 AM
Phenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Bis(2-chloroethyl)ether	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2-Chlorophenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
1,3-Dichlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
1,4-Dichlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
1,2-Dichlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2-Methylphenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2,2'-oxybis(1-Chloropropane)	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
4-Methylphenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
N-Nitroso-di-n-propylamine	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Hexachloroethane	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Nitrobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Isophorone	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2-Nitrophenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2,4-Dimethylphenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
yosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-013A

Client ID. : SB-A2

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 1:15:00 PM
eceived 5/3/04 3:10:00 PM
llected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2,4-Dichlorophenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
1,2,4-Trichlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Naphthalene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
4-Chloroaniline	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Hexachlorobutadiene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
4-Chloro-3-methylphenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2-Methylnaphthalene	570	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Hexachlorocyclopentadiene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2,4,6-Trichlorophenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2,4,5-Trichlorophenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2-Chloronaphthalene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2-Nitroaniline	< 950	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Dimethylphthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Acenaphthylene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2,6-Dinitrotoluene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
3-Nitroaniline	< 950	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Acenaphthene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2,4-Dinitrophenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
4-Nitrophenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Dibenzofuran	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
2,4-Dinitrotoluene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Diethylphthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
4-Chlorophenyl-phenylether	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Fluorene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
4-Nitroaniline	< 950	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
4,6-Dinitro-2-methylphenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
N-Nitrosodiphenylamine	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
4-Bromophenyl-phenylether	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Hexachlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Pentachlorophenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Phenanthrene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Anthracene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Carbazole	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Di-n-butyl phthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Fluoranthene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Pyrene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Butyl benzyl phthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
3,3'-Dichlorobenzidine	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
294-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Town of Oyster Bay
One Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-013A

Client ID. : SB-A2

Sample Information...
Type : Soil

Origin:

Collected 5/3/04 1:15:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Chrysene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
bis(2-Ethylhexyl)phthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Di-n-octyl phthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Benzo(b)fluoranthene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Benzo(k)fluoranthene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Benzo(a)pyrene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Indeno(1,2,3-cd)pyrene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Dibenzo(a,h)anthracene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Benzo(g,h,i)perylene	< 380	µg/Kg-dry	SW8270B	05/07/2004 6:30 PM
Chloromethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Bromomethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Vinyl chloride	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Chloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Methylene chloride	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Acetone	67	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
1,1-Dichloroethene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Carbon disulfide	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
1,1-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
1,2-Dichloroethene (total)	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Chloroform	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
1,2-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
2-Butanone	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
1,1,1-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Carbon tetrachloride	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Bromodichloromethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
1,2-Dichloropropane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
cis-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Trichloroethene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Dibromochloromethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
1,1,2-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Benzene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
trans-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Bromoform	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
4-Methyl-2-pentanone	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
2-Hexanone	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Tetrachloroethene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
1,1,2,2-Tetrachloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
394-3040 FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Sample Information...
Type : Soil

Origin:

own of Oyster Bay
0 Miller Place
Mosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-013A

Client ID. : SB-A2

Collected 5/3/04 1:15:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Chlorobenzene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Ethylbenzene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Styrene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Xylene (total)	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Methyl tert-butyl ether	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:04 PM
Percent Moisture	12.7	wt%	D2216	05/05/2004 3:11 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

Road Hollow Road, Melville NY 11747
94-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405083-014A

Client ID. : SS-A4

Sample Information...
Type : Soil

Origin:

llected 5/3/04 1:35:00 PM
ceived 5/3/04 3:10:00 PM
llected By : CLIENT
opy : Original
cc

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	5450	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Barium	82.9	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Beryllium	< 0.57	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Cadmium	0.87	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Calcium	1270	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Chromium	9.15	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Cobalt	< 5.71	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Copper	150	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Iron	8860	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Magnesium	1180	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Manganese	127	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Nickel	6.76	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Potassium	423	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Sodium	98.1	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Vanadium	12.0	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Zinc	131	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Antimony	< 6.86	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Arsenic	9.38	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Lead	110	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Selenium	< 0.57	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Silver	< 1.14	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Thallium	< 1.14	mg/Kg-dry	SW6010A	05/13/2004 4:54 PM
Mercury	45.3	mg/Kg-dry	SW7471	05/06/2004 9:02 AM
Phenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Bis(2-chloroethyl)ether	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2-Chlorophenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
1,3-Dichlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
1,4-Dichlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
1,2-Dichlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2-Methylphenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2,2'-oxybis(1-Chloropropane)	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
4-Methylphenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
N-Nitroso-di-n-propylamine	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Hexachloroethane	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Nitrobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Isophorone	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2-Nitrophenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2,4-Dimethylphenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Sample Information...
Type: Soil

Origin:

own of Oyster Bay
50 Miller Place
yosset, NY 11791
dn To : Richard Lenz,P.E.

Lab No. : 0405083-014A

Client ID. : SS-A4

ollected 5/3/04 1:35:00 PM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2,4-Dichlorophenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
1,2,4-Trichlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Naphthalene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
4-Chloroaniline	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Hexachlorobutadiene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
4-Chloro-3-methylphenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2-Methylnaphthalene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Hexachlorocyclopentadiene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2,4,6-Trichlorophenol	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2,4,5-Trichlorophenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2-Chloronaphthalene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2-Nitroaniline	< 950	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Dimethylphthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Acenaphthylene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2,6-Dinitrotoluene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
3-Nitroaniline	< 950	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Acenaphthene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2,4-Dinitrophenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
4-Nitrophenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Dibenzofuran	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
2,4-Dinitrotoluene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Diethylphthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
4-Chlorophenyl-phenylether	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Fluorene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
4-Nitroaniline	< 950	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
4,6-Dinitro-2-methylphenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
N-Nitrosodiphenylamine	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
4-Bromophenyl-phenylether	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Hexachlorobenzene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Pentachlorophenol	< 950	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Phenanthrene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Anthracene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Carbazole	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Di-n-butyl phthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Fluoranthene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Pyrene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Butyl benzyl phthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
3,3'-Dichlorobenzidine	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
Syosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-014A

Sample Information...
Type : Soil

Origin:

Client ID. : SS-A4

ollected 5/3/04 1:35:00 PM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Chrysene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
bis(2-Ethylhexyl)phthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Di-n-octyl phthalate	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Benzo(b)fluoranthene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Benzo(k)fluoranthene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Benzo(a)pyrene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Indeno(1,2,3-cd)pyrene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Dibenzo(a,h)anthracene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Benzo(g,h,i)perylene	< 380	µg/Kg-dry	SW8270B	05/07/2004 7:12 PM
Chloromethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Bromomethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Vinyl chloride	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Chloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Methylene chloride	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Acetone	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
1,1-Dichloroethene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Carbon disulfide	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
1,1-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
1,2-Dichloroethene (total)	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Chloroform	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
1,2-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
2-Butanone	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
1,1,1-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Carbon tetrachloride	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Bromodichloromethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
1,2-Dichloropropane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
cis-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Trichloroethene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Dibromochloromethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
1,1,2-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Benzene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
trans-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Bromoform	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
4-Methyl-2-pentanone	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
2-Hexanone	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Tetrachloroethene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
1,1,2,2-Tetrachloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

Road Hollow Road, Melville NY 11747
594-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Sample Information...

wn of Oyster Bay
) Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-014A

Type : Soil

Origin:

Client ID. : SS-A4

llected 5/3/04 1:35:00 PM
eceived 5/3/04 3:10:00 PM
llected By : CLIENT
opy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Chlorobenzene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Ethylbenzene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Styrene	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Xylene (total)	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Methyl tert-butyl ether	< 11	µg/Kg-dry	SW8260B	05/05/2004 5:35 PM
Percent Moisture	12.5	wt%	D2216	05/05/2004 3:12 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

RM LABS, INC.
Road Hollow Road, Melville NY 11747
34-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405083-015A

Client ID. : SB-A4

Sample Information...
Type : Soil

Origin:

llected 5/3/04 1:35:00 PM
ceived 5/3/04 3:10:00 PM
lected By : CLIENT
opy : Original
cc

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	4040	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Barium	51.6	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Beryllium	< 0.58	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Cadmium	< 0.58	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Calcium	2170	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Chromium	13.3	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Cobalt	< 5.84	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Copper	115	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Iron	8760	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Magnesium	1810	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Manganese	146	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Nickel	6.07	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Potassium	524	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Sodium	84.8	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Vanadium	9.80	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Zinc	117	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Antimony	< 7.01	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Arsenic	5.04	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Lead	97.2	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Selenium	< 0.58	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Silver	< 1.17	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Thallium	< 1.17	mg/Kg-dry	SW6010A	05/13/2004 5:03 PM
Mercury	4.78	mg/Kg-dry	SW7471	05/06/2004 9:04 AM
Phenol	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Bis(2-chloroethyl)ether	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2-Chlorophenol	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
1,3-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
1,4-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
1,2-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2,2'-oxybis(1-Chloropropane)	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
4-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
N-Nitroso-di-n-propylamine	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Hexachloroethane	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Nitrobenzene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Isophorone	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2-Nitrophenol	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2,4-Dimethylphenol	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

12M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
(631)694-3040 FAX:(631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Sample Information...
Type : Soil
Origin:

Town of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405083-015A
Client ID. : SB-A4

Collected 5/3/04 1:35:00 PM
Received 5/3/04 3:10:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
bis(2-Chloroethoxy)methane	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2,4-Dichlorophenol	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
1,2,4-Trichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Naphthalene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
4-Chloroaniline	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Hexachlorobutadiene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
4-Chloro-3-methylphenol	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2-Methylnaphthalene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Hexachlorocyclopentadiene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2,4,6-Trichlorophenol	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2,4,5-Trichlorophenol	< 970	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2-Chloronaphthalene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2-Nitroaniline	< 970	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Dimethylphthalate	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Acenaphthylene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2,6-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
3-Nitroaniline	< 970	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Acenaphthene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2,4-Dinitrophenol	< 970	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
4-Nitrophenol	< 970	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Dibenzofuran	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
2,4-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Diethylphthalate	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
4-Chlorophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Fluorene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
4-Nitroaniline	< 970	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
4,6-Dinitro-2-methylphenol	< 970	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
N-Nitrosodiphenylamine	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
4-Bromophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Hexachlorobenzene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Pentachlorophenol	< 970	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Phenanthrene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Anthracene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Carbazole	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Di-n-butyl phthalate	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Fluoranthene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Pyrene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Butyl benzyl phthalate	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
3,3'-Dichlorobenzidine	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
394-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405083-015A**

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
) Miller Place
vosset, NY 11791
tn To : Richard Lenz,P.E.

Client ID. : SB-A4

llected 5/3/04 1:35:00 PM
eceived 5/3/04 3:10:00 PM
llected By : CLIENT
opy : Original
cc

Parameter(s)	Results	Units	Method Number	Analyzed
Benzo(a)anthracene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Chrysene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
bis(2-Ethylhexyl)phthalate	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Di-n-octyl phthalate	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Benzo(b)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Benzo(k)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Benzo(a)pyrene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Indeno(1,2,3-cd)pyrene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Dibenzo(a,h)anthracene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Benzo(g,h,i)perylene	< 390	µg/Kg-dry	SW8270B	05/07/2004 7:53 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Acetone	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
2-Hexanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Tetrachloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
1,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040. FAX (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

own of Oyster Bay
50 Miller Place
yosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405083-015A

Client ID. : SB-A4

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 1:35:00 PM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Toluene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Chlorobenzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Xylene (total)	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/05/2004 6:06 PM
Percent Moisture	14.4	wt%	D2216	05/05/2004 3:13 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
294-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0405083-016A**

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Client ID. : SPTC-W

lected 5/3/04 1:50:00 PM
eceived 5/3/04 3:10:00 PM
lected By : CLIENT
py : Original
C

Parameter(s)	Results		Units	Method Number	Analyzed
Aluminum	5750		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Barium	34.7		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Beryllium	< 0.57		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Cadmium	< 0.57		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Calcium	12800		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Chromium	9.30		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Cobalt	< 5.69		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Copper	67.1		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Iron	7780		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Magnesium	7320		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Manganese	103		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Nickel	5.90		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Potassium	395		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Sodium	119		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Vanadium	13.0		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Zinc	60.2		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Antimony	< 6.83		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Arsenic	9.62		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Lead	105		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Selenium	< 0.57		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Silver	< 1.14		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Thallium	< 1.14		mg/Kg-dry	SW6010A	05/13/2004 5:40 PM
Mercury	0.24		mg/Kg-dry	SW7471	05/06/2004 8:55 AM
Phenol	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Phenol	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Bis(2-chloroethyl)ether	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Bis(2-chloroethyl)ether	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2-Chlorophenol	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2-Chlorophenol	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
1,3-Dichlorobenzene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
1,3-Dichlorobenzene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
1,4-Dichlorobenzene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
1,4-Dichlorobenzene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
1,2-Dichlorobenzene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
1,2-Dichlorobenzene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2-Methylphenol	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2-Methylphenol	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2,2'-oxybis(1-Chloropropane)	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.

road Hollow Road, Melville NY 11747
394-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405083-016A**

Client ID. : SPTC-W

Sample Information...
Type : Soil

Origin:

llected 5/3/04 1:50:00 PM
eceived 5/3/04 3:10:00 PM
llected By : CLIENT
opy : **Original**
CC

Parameter(s)	Results		Units	Method Number	Analyzed
2,2'-oxybis(1-Chloropropane)	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
4-Methylphenol	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
4-Methylphenol	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
N-Nitroso-di-n-propylamine	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
N-Nitroso-di-n-propylamine	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Hexachloroethane	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Hexachloroethane	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Nitrobenzene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Nitrobenzene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Isophorone	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Isophorone	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2-Nitrophenol	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2-Nitrophenol	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2,4-Dimethylphenol	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2,4-Dimethylphenol	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
bis(2-Chloroethoxy)methane	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
bis(2-Chloroethoxy)methane	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2,4-Dichlorophenol	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2,4-Dichlorophenol	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
1,2,4-Trichlorobenzene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
1,2,4-Trichlorobenzene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Naphthalene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Naphthalene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
4-Chloroaniline	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
4-Chloroaniline	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Hexachlorobutadiene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Hexachlorobutadiene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
4-Chloro-3-methylphenol	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
4-Chloro-3-methylphenol	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2-Methylnaphthalene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2-Methylnaphthalene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Hexachlorocyclopentadiene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Hexachlorocyclopentadiene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2,4,6-Trichlorophenol	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2,4,6-Trichlorophenol	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2,4,5-Trichlorophenol	< 4700	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2,4,5-Trichlorophenol	< 950		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2-Chloronaphthalene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2-Chloronaphthalene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
0 Miller Place
yosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-016A

Sample Information...
Type : Soil

Origin:

Client ID. : SPTC-W

ollected 5/3/04 1:50:00 PM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
Copy : Original
CC

Parameter(s)	Results		Units	Method Number	Analyzed
2-Nitroaniline	< 4700	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2-Nitroaniline	< 950		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Dimethylphthalate	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Dimethylphthalate	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Acenaphthylene	450		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Acenaphthylene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2,6-Dinitrotoluene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2,6-Dinitrotoluene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
3-Nitroaniline	< 4700	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
3-Nitroaniline	< 950		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Acenaphthene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Acenaphthene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2,4-Dinitrophenol	< 950		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2,4-Dinitrophenol	< 4700	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
4-Nitrophenol	< 4700	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
4-Nitrophenol	< 950		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Dibenzofuran	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Dibenzofuran	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
2,4-Dinitrotoluene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
2,4-Dinitrotoluene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Diethylphthalate	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Diethylphthalate	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
4-Chlorophenyl-phenylether	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
4-Chlorophenyl-phenylether	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Fluorene	520		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Fluorene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
4-Nitroaniline	< 4700	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
4-Nitroaniline	< 950		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
4,6-Dinitro-2-methylphenol	< 950		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
4,6-Dinitro-2-methylphenol	< 4700	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
N-Nitrosodiphenylamine	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
N-Nitrosodiphenylamine	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
4-Bromophenyl-phenylether	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
4-Bromophenyl-phenylether	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Hexachlorobenzene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Hexachlorobenzene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Pentachlorophenol	< 950		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Pentachlorophenol	< 4700	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Phenanthrene	4500		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/21/04

Laboratory Manager

2M LABS, INC.
oad Hollow Road, Melville NY 11747
394-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405083-016A

Client ID. : SPTC-W

Sample Information...
Type : Soil

Origin:

llected 5/3/04 1:50:00 PM
eceived 5/3/04 3:10:00 PM
llected By : CLIENT
opy : Original
CC

Parameter(s)	Results		Units	Method Number	Analyzed
Phenanthrene	4600	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Anthracene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Anthracene	1100		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Carbazole	410		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Carbazole	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Di-n-butyl phthalate	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Di-n-butyl phthalate	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Fluoranthene	7300	E	µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Fluoranthene	7900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Pyrene	5800		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Pyrene	5600	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Butyl benzyl phthalate	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Butyl benzyl phthalate	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
3,3'-Dichlorobenzidine	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
3,3'-Dichlorobenzidine	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Benzo(a)anthracene	3100	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Benzo(a)anthracene	3000		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Chrysene	3300	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Chrysene	3300		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
bis(2-Ethylhexyl)phthalate	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
bis(2-Ethylhexyl)phthalate	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Di-n-octyl phthalate	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Di-n-octyl phthalate	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Benzo(b)fluoranthene	2400		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Benzo(b)fluoranthene	2100	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Benzo(k)fluoranthene	2900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Benzo(k)fluoranthene	3100		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Benzo(a)pyrene	2600		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Benzo(a)pyrene	2600	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Indeno(1,2,3-cd)pyrene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Indeno(1,2,3-cd)pyrene	910		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Dibenzo(a,h)anthracene	< 380		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Dibenzo(a,h)anthracene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Benzo(g,h,i)perylene	< 1900	D	µg/Kg-dry	SW8270B	05/10/2004 12:38 PM
Benzo(g,h,i)perylene	740		µg/Kg-dry	SW8270B	05/07/2004 8:34 PM
Chloromethane	< 11		µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Bromomethane	< 11		µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Vinyl chloride	< 11		µg/Kg-dry	SW8260B	05/05/2004 6:37 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
50 Miller Place
yosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405083-016A

Client ID. : SPTC-W

Sample Information...
Type : Soil

Origin:

ollected 5/3/04 1:50:00 PM
eceived 5/3/04 3:10:00 PM
ollected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Chloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Methylene chloride	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Acetone	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
1,1-Dichloroethene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Carbon disulfide	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
1,1-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
1,2-Dichloroethene (total)	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Chloroform	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
1,2-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
2-Butanone	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
1,1,1-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Carbon tetrachloride	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Bromodichloromethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
1,2-Dichloropropane	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
cis-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Trichloroethene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Dibromochloromethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
1,1,2-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Benzene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
trans-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Bromoform	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
4-Methyl-2-pentanone	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
2-Hexanone	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Tetrachloroethene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
1,1,2,2-Tetrachloroethane	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Toluene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Chlorobenzene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Ethylbenzene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Styrene	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Xylene (total)	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Methyl tert-butyl ether	< 11	µg/Kg-dry	SW8260B	05/05/2004 6:37 PM
Percent Moisture	12.2	wt%	D2216	05/05/2004 3:14 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/21/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040. FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
yosset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-001

Client ID. : SS-SPTC-E

Sample Information...
Type : Soil

Origin:

ected 5/4/04 8:15:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	4700	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Barium	43.3	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Beryllium	< 0.59	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Cadmium	2.15	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Calcium	3890	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Chromium	108	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Cobalt	< 5.92	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Copper	549	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Iron	10200	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Magnesium	2540	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Manganese	182	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Nickel	26.2	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Potassium	525	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Sodium	98.8	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Vanadium	12.2	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Zinc	295	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Antimony	< 7.10	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Arsenic	12.0	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Lead	324	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Selenium	< 0.59	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Silver	< 1.18	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Thallium	< 1.18	mg/Kg-dry	SW6010A	05/14/2004 2:25 AM
Mercury	0.41	mg/Kg-dry	SW7471	05/12/2004 8:23 AM
Phenol	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Bis(2-chloroethyl)ether	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2-Chlorophenol	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
1,3-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
1,4-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
1,2-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2,2'-oxybis(1-Chloropropane)	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
4-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
N-Nitroso-di-n-propylamine	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Hexachloroethane	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Nitrobenzene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Isophorone	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2-Nitrophenol	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
vosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-001

Sample Information...
Type : Soil

Origin:

Client ID. : SS-SPTC-E

ected 5/4/04 8:15:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

arameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
bis(2-Chloroethoxy)methane	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2,4-Dichlorophenol	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
1,2,4-Trichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Naphthalene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
4-Chloroaniline	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Hexachlorobutadiene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
4-Chloro-3-methylphenol	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2-Methylnaphthalene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Hexachlorocyclopentadiene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2,4,6-Trichlorophenol	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2,4,5-Trichlorophenol	< 980	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2-Chloronaphthalene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Dimethylphthalate	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Acenaphthylene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2,6-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
3-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Acenaphthene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2,4-Dinitrophenol	< 980	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
4-Nitrophenol	< 980	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Dibenzofuran	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
2,4-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Diethylphthalate	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
4-Chlorophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Fluorene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
4-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
4,6-Dinitro-2-methylphenol	< 980	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
N-Nitrosodiphenylamine	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
4-Bromophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Hexachlorobenzene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Pentachlorophenol	< 980	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Phenanthrene	790	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Anthracene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Carbazole	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Di-n-butyl phthalate	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Fluoranthene	1300	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Pyrene	1200	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
894-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-001**

Client ID. : SS-SPTC-E

Sample Information...
Type : Soil

Origin:

cted 5/4/04 8:15:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

rameter(s)	Results	Units	Method Number	Analyzed
lutyl benzyl phthalate	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
,3'-Dichlorobenzidine	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
lenzo(a)anthracene	710	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Chrysene	750	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
is(2-Ethylhexyl)phthalate	550	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
)i-n-octyl phthalate	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Benzo(b)fluoranthene	790	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Benzo(k)fluoranthene	670	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Benzo(a)pyrene	800	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
ndeno(1,2,3-cd)pyrene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
)ibenzo(a,h)anthracene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Benzo(g,h,i)perylene	< 390	µg/Kg-dry	SW8270B	05/17/2004 8:45 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Acetone	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405149-001

Client ID. : SS-SPTC-E

Sample Information...
Type : Soil

Origin:

Collected 5/4/04 8:15:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Tetrachloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
1,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Toluene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Chlorobenzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Xylene (total)	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:09 PM
Percent Moisture	15.5	wt%	D2216	05/05/2004 3:17 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Date Reported : 5/24/04

Joann M. Slavin
Laboratory Manager

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
)694-3040 FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
'osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-002**

Sample Information...
Type : Soil

Origin:

Client ID. : SB-SPTC-E

ected 5/4/04 8:15:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

arameter(s)	Results	Units	Method Number	Analyzed
Aluminum	2800	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Barium	< 23.5	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Beryllium	< 0.59	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Cadmium	< 0.59	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Calcium	24200	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Chromium	5.41	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Cobalt	< 5.88	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Copper	78.8	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Iron	4900	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Magnesium	13000	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Manganese	228	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Nickel	6.82	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Potassium	357	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Sodium	80.9	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Vanadium	10.4	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Zinc	56.6	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Antimony	< 7.05	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Arsenic	3.44	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Lead	44.1	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Selenium	< 0.59	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Silver	< 1.18	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Thallium	< 1.18	mg/Kg-dry	SW6010A	05/14/2004 1:46 AM
Mercury	0.16	mg/Kg-dry	SW7471	05/12/2004 8:17 AM
Phenol	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Bis(2-chloroethyl)ether	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2-Chlorophenol	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
1,3-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
1,4-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
1,2-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2,2'-oxybis(1-Chloropropane)	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
4-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
N-Nitroso-di-n-propylamine	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Hexachloroethane	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Nitrobenzene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Isophorone	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2-Nitrophenol	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
l) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
Syosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-002

Sample Information...
Type : Soil

Origin:

Client ID. : SB-SPTC-E

lected 5/4/04 8:15:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
bis(2-Chloroethoxy)methane	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2,4-Dichlorophenol	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
1,2,4-Trichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Naphthalene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
4-Chloroaniline	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Hexachlorobutadiene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
4-Chloro-3-methylphenol	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2-Methylnaphthalene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Hexachlorocyclopentadiene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2,4,6-Trichlorophenol	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2,4,5-Trichlorophenol	< 980	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2-Chloronaphthalene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Dimethylphthalate	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Acenaphthylene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2,6-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
3-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Acenaphthene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2,4-Dinitrophenol	< 980	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
4-Nitrophenol	< 980	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Dibenzofuran	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
2,4-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Diethylphthalate	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
4-Chlorophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Fluorene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
4-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
4,6-Dinitro-2-methylphenol	< 980	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
N-Nitrosodiphenylamine	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
4-Bromophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Hexachlorobenzene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Pentachlorophenol	< 980	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Phenanthrene	410	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Anthracene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Carbazole	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Di-n-butyl phthalate	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Fluoranthene	930	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Pyrene	1000	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

'2M LABS, INC.
'road Hollow Road, Melville NY 11747
)694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
, Miller Place
)sset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-002

Client ID. : SB-SPTC-E

Sample Information...
Type : Soil

Origin:

cted 5/4/04 8:15:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
es To Original

rameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
3,3'-Dichlorobenzidine	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Benzo(a)anthracene	520	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Chrysene	600	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
bis(2-Ethylhexyl)phthalate	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Di-n-octyl phthalate	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Benzo(b)fluoranthene	710	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Benzo(k)fluoranthene	670	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Benzo(a)pyrene	790	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Indeno(1,2,3-cd)pyrene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Dibenzo(a,h)anthracene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Benzo(g,h,i)perylene	< 390	µg/Kg-dry	SW8270B	05/18/2004 1:06 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Acetone	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

475 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405149-002

Client ID. : SB-SPTC-E

Sample Information...
Type : Soil

Origin:

Collected 5/4/04 8:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Tetrachloroethene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
1,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Toluene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Chlorobenzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Xylene (total)	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/05/2004 7:40 PM
Percent Moisture	14.9	wt%	D2216	05/05/2004 3:19 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

2M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
.) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
vosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-003

Client ID. : SS-A5

Sample Information...
Type : Soil

Origin:

ected 5/4/04 8:40:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

arameter(s)	Results	Units	Method Number	Analyzed
Aluminum	5310	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Barium	286	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Beryllium	< 0.64	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Cadmium	11.3	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Calcium	1760	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Chromium	31.8	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Cobalt	< 6.35	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Copper	825	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Iron	13200	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Magnesium	1600	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Manganese	165	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Nickel	9.37	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Potassium	682	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Sodium	527	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Vanadium	11.0	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Zinc	726	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Antimony	10.4	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Arsenic	20.4	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Lead	3710	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Selenium	< 0.64	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Silver	< 1.27	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Thallium	< 1.27	mg/Kg-dry	SW6010A	05/14/2004 1:56 AM
Mercury	183	mg/Kg-dry	SW7471	05/12/2004 9:57 AM
Phenol	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Bis(2-chloroethyl)ether	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2-Chlorophenol	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
1,3-Dichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
1,4-Dichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
1,2-Dichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2-Methylphenol	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2,2'-oxybis(1-Chloropropane)	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
4-Methylphenol	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
N-Nitroso-di-n-propylamine	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Hexachloroethane	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Nitrobenzene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Isophorone	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2-Nitrophenol	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

H2M LABS, INC.
/5 Broad Hollow Road, Melville NY 11747
1)694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
50 Miller Place
Syosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405149-003

Client ID. : SS-A5

Sample Information...
Type : Soil

Origin:

llected 5/4/04 8:40:00 AM
ceived 5/4/04 3:45:00 PM
llected By CLIENT
pies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
bis(2-Chloroethoxy)methane	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2,4-Dichlorophenol	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
1,2,4-Trichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Naphthalene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
4-Chloroaniline	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Hexachlorobutadiene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
4-Chloro-3-methylphenol	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2-Methylnaphthalene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Hexachlorocyclopentadiene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2,4,6-Trichlorophenol	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2,4,5-Trichlorophenol	< 1100	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2-Chloronaphthalene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Dimethylphthalate	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Acenaphthylene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2,6-Dinitrotoluene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
3-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Acenaphthene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2,4-Dinitrophenol	< 1100	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
4-Nitrophenol	< 1100	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Dibenzofuran	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
2,4-Dinitrotoluene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Diethylphthalate	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
4-Chlorophenyl-phenylether	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Fluorene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
4-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
4,6-Dinitro-2-methylphenol	< 1100	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
N-Nitrosodiphenylamine	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
4-Bromophenyl-phenylether	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Hexachlorobenzene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Pentachlorophenol	< 1100	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Phenanthrene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Anthracene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Carbazole	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Di-n-butyl phthalate	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Fluoranthene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Pyrene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

2M LABS, INC.

oad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
sset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-003**

Client ID. : SS-A5

Sample Information...
Type : Soil

Origin:

ected 5/4/04 8:40:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

arameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
3,3'-Dichlorobenzidine	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Benzo(a)anthracene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Chrysene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
bis(2-Ethylhexyl)phthalate	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Di-n-octyl phthalate	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Benzo(b)fluoranthene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Benzo(k)fluoranthene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Benzo(a)pyrene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Indeno(1,2,3-cd)pyrene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Dibenzo(a,h)anthracene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Benzo(g,h,i)perylene	< 420	µg/Kg-dry	SW8270B	05/18/2004 1:47 PM
Chloromethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Bromomethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Vinyl chloride	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Chloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Methylene chloride	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Acetone	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
1,1-Dichloroethene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Carbon disulfide	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
1,1-Dichloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
1,2-Dichloroethene (total)	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Chloroform	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
1,2-Dichloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
2-Butanone	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
1,1,1-Trichloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Carbon tetrachloride	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Bromodichloromethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
1,2-Dichloropropane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
cis-1,3-Dichloropropene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Trichloroethene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Dibromochloromethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
1,1,2-Trichloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Benzene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
trans-1,3-Dichloropropene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Bromoform	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
4-Methyl-2-pentanone	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

12M LABS, INC.
Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
osslet, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-003

Client ID. : SS-A5

Sample Information...
Type : Soil

Origin:

lected 5/4/04 8:40:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
opies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Tetrachloroethene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
1,1,2,2-Tetrachloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Toluene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Chlorobenzene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Ethylbenzene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Styrene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Xylene (total)	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Methyl tert-butyl ether	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:11 PM
Percent Moisture	21.2	wt%	D2216	05/05/2004 3:20 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
150 Miller Place
yosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-004

Client ID. : SB-A5

Sample Information...
Type : Soil

Origin:

lected 5/4/04 8:40:00 AM
eived 5/4/04 3:45:00 PM
lected By CLIENT
pies To Original

arameter(s)	Results	Units	Method Number	Analyzed
Aluminum	6640	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Barium	41.4	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Beryllium	< 0.65	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Cadmium	1.04	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Calcium	744	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Chromium	14.2	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Cobalt	< 6.50	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Copper	58.1	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Iron	8460	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Magnesium	2100	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Manganese	91.6	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Nickel	8.15	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Potassium	1270	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Sodium	827	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Vanadium	13.4	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Zinc	131	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Antimony	< 7.80	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Arsenic	3.14	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Lead	60.8	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Selenium	< 0.65	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Silver	< 1.30	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Thallium	< 1.30	mg/Kg-dry	SW6010A	05/14/2004 2:06 AM
Mercury	3.65	mg/Kg-dry	SW7471	05/12/2004 10:00 AM
Phenol	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Bis(2-chloroethyl)ether	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2-Chlorophenol	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
1,3-Dichlorobenzene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
1,4-Dichlorobenzene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
1,2-Dichlorobenzene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2-Methylphenol	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2,2'-oxybis(1-Chloropropane)	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
4-Methylphenol	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
N-Nitroso-di-n-propylamine	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Hexachloroethane	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Nitrobenzene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Isophorone	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2-Nitrophenol	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

12M LABS, INC.
Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
150 Miller Place
osset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405149-004

Client ID. : SB-A5

Sample Information...
Type : Soil

Origin:

lected 5/4/04 8:40:00 AM
eived 5/4/04 3:45:00 PM
lected By CLIENT
pies To Original

arameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
bis(2-Chloroethoxy)methane	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2,4-Dichlorophenol	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
1,2,4-Trichlorobenzene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Naphthalene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
4-Chloroaniline	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Hexachlorobutadiene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
4-Chloro-3-methylphenol	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2-Methylnaphthalene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Hexachlorocyclopentadiene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2,4,6-Trichlorophenol	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2,4,5-Trichlorophenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2-Chloronaphthalene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Dimethylphthalate	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Acenaphthylene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2,6-Dinitrotoluene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
3-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Acenaphthene	440	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2,4-Dinitrophenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
4-Nitrophenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Dibenzofuran	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
2,4-Dinitrotoluene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Diethylphthalate	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
4-Chlorophenyl-phenylether	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Fluorene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
4-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
4,6-Dinitro-2-methylphenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
N-Nitrosodiphenylamine	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
4-Bromophenyl-phenylether	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Hexachlorobenzene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Pentachlorophenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Phenanthrene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Anthracene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Carbazole	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Di-n-butyl phthalate	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Fluoranthene	1300	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Pyrene	930	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
394-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : 0405149-004

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Client ID. : SB-A5

cted 5/4/04 8:40:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

rameter(s)	Results	Units	Method Number	Analyzed
utyl benzyl phthalate	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
,3'-Dichlorobenzidine	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Benzo(a)anthracene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Chrysene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
is(2-Ethylhexyl)phthalate	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Di-n-octyl phthalate	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Benzo(b)fluoranthene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Benzo(k)fluoranthene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Benzo(a)pyrene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Indeno(1,2,3-cd)pyrene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Dibenzo(a,h)anthracene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Benzo(g,h,i)perylene	< 430	µg/Kg-dry	SW8270B	05/11/2004 12:19 PM
Chloromethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Bromomethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Vinyl chloride	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Chloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Methylene chloride	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Acetone	22	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
1,1-Dichloroethene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Carbon disulfide	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
1,1-Dichloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
1,2-Dichloroethene (total)	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Chloroform	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
1,2-Dichloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
2-Butanone	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
1,1,1-Trichloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Carbon tetrachloride	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Bromodichloromethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
1,2-Dichloropropane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
cis-1,3-Dichloropropene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Trichloroethene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Dibromochloromethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
1,1,2-Trichloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Benzene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
trans-1,3-Dichloropropene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Bromoform	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
4-Methyl-2-pentanone	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
)694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
yosset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-004**

Client ID. : SB-A5

Sample Information...
Type : Soil

Origin:

ected 5/4/04 8:40:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Tetrachloroethene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
1,1,2,2-Tetrachloroethane	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Toluene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Chlorobenzene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Ethylbenzene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Styrene	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Xylene (total)	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Methyl tert-butyl ether	< 13	µg/Kg-dry	SW8260B	05/05/2004 8:43 PM
Percent Moisture	23.1	wt%	D2216	05/05/2004 3:21 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

DM LABS, INC.

Broad Hollow Road, Melville NY 11747
394-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-005**

Sample Information...
Type : Soil

Origin:

n of Oyster Bay
Miller Place
sset, NY 11791
To : Richard Lenz,P.E.

Client ID. : SS-B5

ted 5/4/04 9:30:00 AM
ved 5/4/04 3:45:00 PM
cted By CLIENT
s To Original

rameter(s)	Results	Units	Method Number	Analyzed
luminum	5020	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
arium	< 24.2	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
eryllium	< 0.60	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Cadmium	0.72	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
alcium	4610	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
hromium	9.25	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Cobalt	< 6.05	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
opper	1110	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
ron	8960	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Magnesium	3390	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Manganese	89.3	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Nickel	9.08	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Potassium	508	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Sodium	75.7	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Vanadium	11.5	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Zinc	192	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Antimony	< 7.26	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Arsenic	3.18	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Lead	33.2	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Selenium	< 0.60	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Silver	< 1.21	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Thallium	< 1.21	mg/Kg-dry	SW6010A	05/14/2004 2:15 AM
Mercury	< 0.12	mg/Kg-dry	SW7471	05/12/2004 8:34 AM
Phenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Phenol	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Bis(2-chloroethyl)ether	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Bis(2-chloroethyl)ether	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2-Chlorophenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2-Chlorophenol	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
1,3-Dichlorobenzene	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
1,3-Dichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
1,4-Dichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
1,4-Dichlorobenzene	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
1,2-Dichlorobenzene	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
1,2-Dichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2-Methylphenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2-Methylphenol	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
Syosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-005**

Client ID. : SS-B5

Sample Information...
Type : Soil

Origin:

lected 5/4/04 9:30:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,2'-oxybis(1-Chloropropane)	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2,2'-oxybis(1-Chloropropane)	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
4-Methylphenol	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
4-Methylphenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
N-Nitroso-di-n-propylamine	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
N-Nitroso-di-n-propylamine	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Hexachloroethane	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Hexachloroethane	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Nitrobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Nitrobenzene	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Isophorone	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Isophorone	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2-Nitrophenol	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2-Nitrophenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2,4-Dimethylphenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2,4-Dimethylphenol	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
bis(2-Chloroethoxy)methane	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
bis(2-Chloroethoxy)methane	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2,4-Dichlorophenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2,4-Dichlorophenol	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
1,2,4-Trichlorobenzene	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
1,2,4-Trichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Naphthalene	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Naphthalene	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
4-Chloroaniline	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
4-Chloroaniline	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Hexachlorobutadiene	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Hexachlorobutadiene	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
4-Chloro-3-methylphenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
4-Chloro-3-methylphenol	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2-Methylnaphthalene	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2-Methylnaphthalene	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Hexachlorocyclopentadiene	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Hexachlorocyclopentadiene	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2,4,6-Trichlorophenol	< 4000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2,4,6-Trichlorophenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2,4,5-Trichlorophenol	< 10000	µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2,4,5-Trichlorophenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
694-3040 .FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-005

Client ID. : SS-B5

Sample Information...
Type : Soil

Origin:

ected 5/4/04 9:30:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

arameter(s)	Results		Units	Method Number	Analyzed
2-Chloronaphthalene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2-Chloronaphthalene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2-Nitroaniline	< 10000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2-Nitroaniline	< 1000		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Dimethylphthalate	8800	E	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Dimethylphthalate	9400		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Acenaphthylene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Acenaphthylene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2,6-Dinitrotoluene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2,6-Dinitrotoluene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
3-Nitroaniline	< 10000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
3-Nitroaniline	< 1000		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Acenaphthene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Acenaphthene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2,4-Dinitrophenol	< 1000		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2,4-Dinitrophenol	< 10000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
4-Nitrophenol	< 10000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
4-Nitrophenol	< 1000		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Dibenzofuran	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Dibenzofuran	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
2,4-Dinitrotoluene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
2,4-Dinitrotoluene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Diethylphthalate	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Diethylphthalate	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
4-Chlorophenyl-phenylether	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
4-Chlorophenyl-phenylether	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Fluorene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Fluorene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
4-Nitroaniline	< 10000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
4-Nitroaniline	< 1000		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
4,6-Dinitro-2-methylphenol	< 1000		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
4,6-Dinitro-2-methylphenol	< 10000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
N-Nitrosodiphenylamine	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
N-Nitrosodiphenylamine	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
4-Bromophenyl-phenylether	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
4-Bromophenyl-phenylether	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Hexachlorobenzene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Hexachlorobenzene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405149-005

Client ID. : SS-B5

Sample Information...
Type : Soil

Origin:

llected 5/4/04 9:30:00 AM
ceived 5/4/04 3:45:00 PM
llected By CLIENT
pies To Original

Parameter(s)	Results		Units	Method Number	Analyzed
Pentachlorophenol	< 1000		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Pentachlorophenol	< 10000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Phenanthrene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Phenanthrene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Anthracene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Anthracene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Carbazole	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Carbazole	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Di-n-butyl phthalate	18000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Di-n-butyl phthalate	14000	E	µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Fluoranthene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Fluoranthene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Pyrene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Pyrene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Butyl benzyl phthalate	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Butyl benzyl phthalate	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
3,3'-Dichlorobenzidine	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
3,3'-Dichlorobenzidine	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Benzo(a)anthracene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Benzo(a)anthracene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Chrysene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Chrysene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
bis(2-Ethylhexyl)phthalate	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
bis(2-Ethylhexyl)phthalate	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Di-n-octyl phthalate	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Di-n-octyl phthalate	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Benzo(b)fluoranthene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Benzo(b)fluoranthene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Benzo(k)fluoranthene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Benzo(k)fluoranthene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Benzo(a)pyrene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Benzo(a)pyrene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Indeno(1,2,3-cd)pyrene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Indeno(1,2,3-cd)pyrene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Dibenzo(a,h)anthracene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM
Dibenzo(a,h)anthracene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Benzo(g,h,i)perylene	< 4000		µg/Kg-dry	SW8270B	05/17/2004 8:05 PM
Benzo(g,h,i)perylene	< 400		µg/Kg-dry	SW8270B	05/11/2004 12:58 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
394-3040 .FAX: (631) 420-8436 NYSDOH ID#10478

LABORATORY RESULTS

Lab No. : 0405149-005

Sample Information...
Type : Soil

Origin:

n of Oyster Bay
Miller Place
vosset, NY 11791
n To : Richard Lenz,P.E.

Client ID. : SS-B5

cted 5/4/04 9:30:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Acetone	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
2-Hexanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Tetrachloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
1,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Toluene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Chlorobenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Xylene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/06/2004 3:59 PM
Percent Moisture	17.4	wt%	D2216	05/05/2004 3:22 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Road Hollow Road, Melville NY 11747
894-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
Miller Place
sset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-006**

Client ID. : SB-B5

Sample Information...
Type : Soil

Origin:

cted 5/4/04 9:30:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
s To Original

rameter(s)	Results	Units	Method Number	Analyzed
Aluminum	4020	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Barium	30.4	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Beryllium	< 0.56	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Cadmium	0.67	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Calcium	74100	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Chromium	7.39	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Cobalt	< 5.62	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Copper	150	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Iron	6110	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Magnesium	45100	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Manganese	172	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Nickel	6.70	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Potassium	526	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Sodium	174	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Vanadium	10.1	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Zinc	63.1	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Antimony	< 6.74	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Arsenic	3.05	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Lead	51.6	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Selenium	< 0.56	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Silver	< 1.12	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Thallium	< 1.12	mg/Kg-dry	SW6010A	05/14/2004 3:22 AM
Mercury	0.63	mg/Kg-dry	SW7471	05/12/2004 8:36 AM
Phenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Bis(2-chloroethyl)ether	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2-Chlorophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
1,3-Dichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
1,4-Dichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
1,2-Dichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2-Methylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2,2'-oxybis(1-Chloropropane)	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
4-Methylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
N-Nitroso-di-n-propylamine	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Hexachloroethane	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Nitrobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Isophorone	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2-Nitrophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
1 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-006

Client ID. : SB-B5

Sample Information...
Type : Soil

Origin:

cted 5/4/04 9:30:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

arameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
is(2-Chloroethoxy)methane	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2,4-Dichlorophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
1,2,4-Trichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Naphthalene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
4-Chloroaniline	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Hexachlorobutadiene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
4-Chloro-3-methylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2-Methylnaphthalene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Hexachlorocyclopentadiene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2,4,6-Trichlorophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2,4,5-Trichlorophenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2-Chloronaphthalene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2-Nitroaniline	< 930	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Dimethylphthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Acenaphthylene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2,6-Dinitrotoluene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
3-Nitroaniline	< 930	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Acenaphthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2,4-Dinitrophenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
4-Nitrophenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Dibenzofuran	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
2,4-Dinitrotoluene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Diethylphthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
4-Chlorophenyl-phenylether	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Fluorene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
4-Nitroaniline	< 930	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
4,6-Dinitro-2-methylphenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
N-Nitrosodiphenylamine	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
4-Bromophenyl-phenylether	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Hexachlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Pentachlorophenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Phenanthrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Anthracene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Carbazole	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Di-n-butyl phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Fluoranthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Pyrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
50 Miller Place
yosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : 0405149-006

Client ID. : SB-B5

Sample Information...
Type : Soil

Origin:

llected 5/4/04 9:30:00 AM
ceived 5/4/04 3:45:00 PM
lected By CLIENT
pies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
3,3'-Dichlorobenzidine	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Benzo(a)anthracene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Chrysene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
bis(2-Ethylhexyl)phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Di-n-octyl phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Benzo(b)fluoranthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Benzo(k)fluoranthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Benzo(a)pyrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Indeno(1,2,3-cd)pyrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Dibenzo(a,h)anthracene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Benzo(g,h,i)perylene	< 370	µg/Kg-dry	SW8270B	05/11/2004 1:34 PM
Chloromethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Bromomethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Vinyl chloride	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Chloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Methylene chloride	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Acetone	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
1,1-Dichloroethene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Carbon disulfide	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
1,1-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
1,2-Dichloroethene (total)	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Chloroform	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
1,2-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
2-Butanone	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
1,1,1-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Carbon tetrachloride	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Bromodichloromethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
1,2-Dichloropropane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
cis-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Trichloroethene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Dibromochloromethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
1,1,2-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Benzene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
trans-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Bromoform	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
4-Methyl-2-pentanone	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-006**

Sample Information...
Type : Soil

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : SB-B5

Collected 5/4/04 9:30:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Tetrachloroethene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
1,1,2,2-Tetrachloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Toluene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Chlorobenzene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Ethylbenzene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Styrene	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Xylene (total)	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Methyl tert-butyl ether	< 11	µg/Kg-dry	SW8260B	05/06/2004 4:30 PM
Percent Moisture	11.0	wt%	D2216	05/05/2004 3:23 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-007

Client ID. : SS-C5

Sample Information...
Type : Soil

Origin:

cted 5/4/04 9:35:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

rameter(s)	Results	Units	Method Number	Analyzed
Aluminum	9600	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Barium	57.2	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Beryllium	< 0.60	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Cadmium	0.73	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Calcium	1460	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Chromium	18.5	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Cobalt	7.40	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Copper	26.1	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Iron	15600	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Magnesium	3250	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Manganese	306	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Nickel	14.0	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Potassium	1520	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Sodium	310	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Vanadium	23.0	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Zinc	47.3	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Antimony	< 7.14	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Arsenic	3.81	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Lead	14.7	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Selenium	< 0.60	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Silver	< 1.19	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Thallium	< 1.19	mg/Kg-dry	SW6010A	05/14/2004 3:32 AM
Mercury	< 0.12	mg/Kg-dry	SW7471	05/12/2004 8:38 AM
Phenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Bis(2-chloroethyl)ether	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2-Chlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
1,3-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
1,4-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
1,2-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2,2'-oxybis(1-Chloropropane)	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
4-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
N-Nitroso-di-n-propylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Hexachloroethane	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Nitrobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Isophorone	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2-Nitrophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
/694-3040 FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-007

Sample Information...
Type : Soil

Origin:

Client ID. : SS-C5

cted 5/4/04 9:35:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

rameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
is(2-Chloroethoxy)methane	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2,4-Dichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
1,2,4-Trichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Naphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
4-Chloroaniline	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Hexachlorobutadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
4-Chloro-3-methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2-Methylnaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Hexachlorocyclopentadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2,4,6-Trichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2,4,5-Trichlorophenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2-Chloronaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2-Nitroaniline	< 990	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Dimethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Acenaphthylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2,6-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
3-Nitroaniline	< 990	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Acenaphthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2,4-Dinitrophenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
4-Nitrophenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Dibenzofuran	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
2,4-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Diethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
4-Chlorophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Fluorene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
4-Nitroaniline	< 990	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
4,6-Dinitro-2-methylphenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
N-Nitrosodiphenylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
4-Bromophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Hexachlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Pentachlorophenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Phenanthrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Carbazole	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Di-n-butyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
)694-3040 FAX: (631) 420-8436 NYSDOHID#10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
vosset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-007**

Client ID. : SS-C5

Sample Information...
Type : Soil

Origin:

cted 5/4/04 9:35:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

arameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
3,3'-Dichlorobenzidine	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Benzo(a)anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Chrysene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
bis(2-Ethylhexyl)phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Di-n-octyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Benzo(b)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Benzo(k)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Benzo(a)pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Indeno(1,2,3-cd)pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Dibenzo(a,h)anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Benzo(g,h,i)perylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 2:09 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Acetone	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Date Reported : 5/24/04

Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040 .FAX:(631)420-8436 NYSDOH ID#10478

LABORATORY RESULTS

wn of Oyster Bay
Miller Place
vosset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-007

Client ID. : SS-C5

Sample Information...
Type : Soil

Origin:

ected 5/4/04 9:35:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Tetrachloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
1,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Toluene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Chlorobenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Xylene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/06/2004 5:02 PM
Percent Moisture	16.0	wt%	D2216	05/05/2004 3:24 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-008**

Client ID. : SB-C5

Sample Information...
Type : Soil

Origin:

ected 5/4/04 9:35:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
ies To Original

arameter(s)	Results	Units	Method Number	Analyzed
Aluminum	8810	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Barium	< 22.4	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Beryllium	< 0.56	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Cadmium	0.67	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Calcium	2470	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Chromium	14.9	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Cobalt	6.08	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Copper	78.0	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Iron	13800	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Magnesium	3250	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Manganese	194	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Nickel	10.6	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Potassium	647	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Sodium	417	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Vanadium	19.8	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Zinc	42.7	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Antimony	< 6.73	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Arsenic	3.40	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Lead	11.6	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Selenium	< 0.56	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Silver	< 1.12	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Thallium	< 1.12	mg/Kg-dry	SW6010A	05/14/2004 3:41 AM
Mercury	< 0.11	mg/Kg-dry	SW7471	05/12/2004 8:40 AM
Phenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Bis(2-chloroethyl)ether	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2-Chlorophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
1,3-Dichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
1,4-Dichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
1,2-Dichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2-Methylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2,2'-oxybis(1-Chloropropane)	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
4-Methylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
N-Nitroso-di-n-propylamine	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Hexachloroethane	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Nitrobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Isophorone	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2-Nitrophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
1694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-008**

Client ID. : SB-C5

Sample Information...
Type : Soil

Origin:

ected 5/4/04 9:35:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
pies To Original

arameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
is(2-Chloroethoxy)methane	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2,4-Dichlorophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
1,2,4-Trichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Naphthalene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
4-Chloroaniline	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Hexachlorobutadiene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
4-Chloro-3-methylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2-Methylnaphthalene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Hexachlorocyclopentadiene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2,4,6-Trichlorophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2,4,5-Trichlorophenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2-Chloronaphthalene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2-Nitroaniline	< 930	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Dimethylphthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Acenaphthylene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2,6-Dinitrotoluene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
3-Nitroaniline	< 930	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Acenaphthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2,4-Dinitrophenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
4-Nitrophenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Dibenzofuran	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
2,4-Dinitrotoluene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Diethylphthalate	390	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
4-Chlorophenyl-phenylether	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Fluorene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
4-Nitroaniline	< 930	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
4,6-Dinitro-2-methylphenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
N-Nitrosodiphenylamine	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
4-Bromophenyl-phenylether	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Hexachlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Pentachlorophenol	< 930	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Phenanthrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Anthracene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Carbazole	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Di-n-butyl phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Fluoranthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Pyrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
1)694-3040 FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
yosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-008**

Client ID. : SB-C5

Sample Information...
Type : Soil

Origin:

llected 5/4/04 9:35:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
pies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
3,3'-Dichlorobenzidine	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Benzo(a)anthracene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Chrysene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
bis(2-Ethylhexyl)phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Di-n-octyl phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Benzo(b)fluoranthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Benzo(k)fluoranthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Benzo(a)pyrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Indeno(1,2,3-cd)pyrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Dibenzo(a,h)anthracene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Benzo(g,h,i)perylene	< 370	µg/Kg-dry	SW8270B	05/11/2004 2:45 PM
Chloromethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Bromomethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Vinyl chloride	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Chloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Methylene chloride	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Acetone	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
1,1-Dichloroethene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Carbon disulfide	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
1,1-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
1,2-Dichloroethene (total)	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Chloroform	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
1,2-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
2-Butanone	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
1,1,1-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Carbon tetrachloride	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Bromodichloromethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
1,2-Dichloropropane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
cis-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Trichloroethene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Dibromochloromethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
1,1,2-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Benzene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
trans-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Bromoform	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
4-Methyl-2-pentanone	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

12M LABS, INC.
.5 Broad Hollow Road, Melville NY 11747
31) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
450 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-008**

Client ID. : SB-C5

Sample Information...
Type : Soil

Origin:

llected 5/4/04 9:35:00 AM
eived 5/4/04 3:45:00 PM
lected By CLIENT
opies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Tetrachloroethene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
1,1,2,2-Tetrachloroethane	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Toluene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Chlorobenzene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Ethylbenzene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Styrene	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Xylene (total)	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Methyl tert-butyl ether	< 11	µg/Kg-dry	SW8260B	05/06/2004 5:33 PM
Percent Moisture	10.9	wt%	D2216	05/05/2004 3:25 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
1)694-3040 .FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-009**

Client ID. : SS-SPTC-W

Sample Information...
Type : Soil

Origin:

lected 5/4/04 8:00:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
pies To Original

arameter(s)	Results	Units	Method Number	Analyzed
Aluminum	3600	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Barium	55.7	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Beryllium	< 0.71	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Cadmium	5.75	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Calcium	9640	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Chromium	17.8	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Cobalt	9.84	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Copper	689	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Iron	29400	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Magnesium	5610	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Manganese	232	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Nickel	32.8	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Potassium	488	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Sodium	91.3	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Vanadium	12.0	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Zinc	368	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Antimony	< 8.57	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Arsenic	4.63	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Lead	171	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Selenium	< 0.71	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Silver	< 1.43	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Thallium	< 1.43	mg/Kg-dry	SW6010A	05/14/2004 3:51 AM
Mercury	1.13	mg/Kg-dry	SW7471	05/12/2004 8:42 AM
Phenol	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Bis(2-chloroethyl)ether	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2-Chlorophenol	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
1,3-Dichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
1,4-Dichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
1,2-Dichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2-Methylphenol	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2,2'-oxybis(1-Chloropropane)	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
4-Methylphenol	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
N-Nitroso-di-n-propylamine	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Hexachloroethane	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Nitrobenzene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Isophorone	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2-Nitrophenol	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
)694-3040. FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-009**

Client ID. : SS-SPTC-W

Sample Information...
Type : Soil

Origin:

lected 5/4/04 8:00:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
pies To Original

arameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
bis(2-Chloroethoxy)methane	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2,4-Dichlorophenol	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
1,2,4-Trichlorobenzene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Naphthalene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
4-Chloroaniline	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Hexachlorobutadiene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
4-Chloro-3-methylphenol	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2-Methylnaphthalene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Hexachlorocyclopentadiene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2,4,6-Trichlorophenol	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2,4,5-Trichlorophenol	< 1200	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2-Chloronaphthalene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2-Nitroaniline	< 1200	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Dimethylphthalate	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Acenaphthylene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2,6-Dinitrotoluene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
3-Nitroaniline	< 1200	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Acenaphthene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2,4-Dinitrophenol	< 1200	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
4-Nitrophenol	< 1200	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Dibenzofuran	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
2,4-Dinitrotoluene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Diethylphthalate	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
4-Chlorophenyl-phenylether	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Fluorene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
4-Nitroaniline	< 1200	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
4,6-Dinitro-2-methylphenol	< 1200	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
N-Nitrosodiphenylamine	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
4-Bromophenyl-phenylether	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Hexachlorobenzene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Pentachlorophenol	< 1200	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Phenanthrene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Anthracene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Carbazole	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Di-n-butyl phthalate	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Fluoranthene	520	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Pyrene	540	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
1) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-009**

Sample Information...
Type : Soil

Origin:

Client ID. : SS-SPTC-W

llected 5/4/04 8:00:00 AM
eived 5/4/04 3:45:00 PM
lected By CLIENT
opies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
3,3'-Dichlorobenzidine	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Benzo(a)anthracene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Chrysene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
bis(2-Ethylhexyl)phthalate	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Di-n-octyl phthalate	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Benzo(b)fluoranthene	580	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Benzo(k)fluoranthene	710	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Benzo(a)pyrene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Indeno(1,2,3-cd)pyrene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Dibenzo(a,h)anthracene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Benzo(g,h,i)perylene	< 470	µg/Kg-dry	SW8270B	05/18/2004 2:28 PM
Chloromethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Bromomethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Vinyl chloride	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Chloroethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Methylene chloride	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Acetone	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
1,1-Dichloroethene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Carbon disulfide	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
1,1-Dichloroethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
1,2-Dichloroethene (total)	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Chloroform	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
1,2-Dichloroethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
2-Butanone	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
1,1,1-Trichloroethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Carbon tetrachloride	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Bromodichloromethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
1,2-Dichloropropane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
cis-1,3-Dichloropropene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Trichloroethene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Dibromochloromethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
1,1,2-Trichloroethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Benzene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
trans-1,3-Dichloropropene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Bromoform	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
4-Methyl-2-pentanone	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
694-3040 . FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-009**

Client ID. : SS-SPTC-W

Sample Information...
Type : Soil

Origin:

cted 5/4/04 8:00:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

rameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
etrachloroethene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
1,1,2,2-Tetrachloroethane	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Toluene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Chlorobenzene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Ethylbenzene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Styrene	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Xylene (total)	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Methyl tert-butyl ether	< 14	µg/Kg-dry	SW8260B	05/06/2004 6:04 PM
Percent Moisture	30.0	wt%	D2216	05/05/2004 3:26 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
)694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-010**

Client ID. : SS-C4

Sample Information...
Type : Soil

Origin:

ected 5/4/04 9:40:00 AM
ived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	9700	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Barium	54.4	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Beryllium	< 0.60	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Cadmium	0.67	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Calcium	1160	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Chromium	13.5	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Cobalt	6.77	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Copper	42.7	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Iron	13800	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Magnesium	2200	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Manganese	156	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Nickel	10.7	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Potassium	757	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Sodium	119	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Vanadium	20.6	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Zinc	49.5	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Antimony	< 7.15	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Arsenic	3.82	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Lead	10.2	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Selenium	< 0.60	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Silver	< 1.19	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Thallium	< 1.19	mg/Kg-dry	SW6010A	05/14/2004 4:01 AM
Mercury	0.13	mg/Kg-dry	SW7471	05/12/2004 8:48 AM
Phenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Bis(2-chloroethyl)ether	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2-Chlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
1,3-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
1,4-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
1,2-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2,2'-oxybis(1-Chloropropane)	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
4-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
N-Nitroso-di-n-propylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Hexachloroethane	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Nitrobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Isophorone	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2-Nitrophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
)694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-010

Client ID. : SS-C4

Sample Information...
Type : Soil

Origin:

ected 5/4/04 9:40:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
bis(2-Chloroethoxy)methane	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2,4-Dichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
1,2,4-Trichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Naphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
4-Chloroaniline	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Hexachlorobutadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
4-Chloro-3-methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2-Methylnaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Hexachlorocyclopentadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2,4,6-Trichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2,4,5-Trichlorophenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2-Chloronaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2-Nitroaniline	< 990	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Dimethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Acenaphthylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2,6-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
3-Nitroaniline	< 990	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Acenaphthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2,4-Dinitrophenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
4-Nitrophenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Dibenzofuran	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
2,4-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Diethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
4-Chlorophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Fluorene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
4-Nitroaniline	< 990	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
4,6-Dinitro-2-methylphenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
N-Nitrosodiphenylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
4-Bromophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Hexachlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Pentachlorophenol	< 990	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Phenanthrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Carbazole	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Di-n-butyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

H2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0405149-010**

Sample Information...
Type : Soil

Origin:

Town of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : SS-C4

Collected 5/4/04 9:40:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
3,3'-Dichlorobenzidine	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Benzo(a)anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Chrysene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
bis(2-Ethylhexyl)phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Di-n-octyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Benzo(b)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Benzo(k)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Benzo(a)pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Indeno(1,2,3-cd)pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Dibenzo(a,h)anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Benzo(g,h,i)perylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 3:20 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Acetone	30	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-010**

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
n Miller Place
psset, NY 11791
n To : Richard Lenz,P.E.

Client ID. : SS-C4

cted 5/4/04 9:40:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
es To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Tetrachloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
1,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Toluene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Chlorobenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Xylene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/06/2004 6:35 PM
Percent Moisture	16.1	wt%	D2216	05/05/2004 3:27 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0405149-011**

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
0 N Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Client ID. : SB-C4

ected 5/4/04 9:40:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
sies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	4720	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Barium	< 25.6	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Beryllium	< 0.64	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Cadmium	< 0.64	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Calcium	580	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Chromium	6.24	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Cobalt	< 6.41	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Copper	26.9	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Iron	6140	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Magnesium	829	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Manganese	56.8	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Nickel	5.41	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Potassium	252	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Sodium	65.2	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Vanadium	8.35	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Zinc	34.9	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Antimony	< 7.69	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Arsenic	2.59	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Lead	17.7	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Selenium	< 0.64	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Silver	< 1.28	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Thallium	< 1.28	mg/Kg-dry	SW6010A	05/14/2004 4:10 AM
Mercury	< 0.13	mg/Kg-dry	SW7471	05/12/2004 8:53 AM
Phenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Bis(2-chloroethyl)ether	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2-Chlorophenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
1,3-Dichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
1,4-Dichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
1,2-Dichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2-Methylphenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2,2'-oxybis(1-Chloropropane)	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
4-Methylphenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
N-Nitroso-di-n-propylamine	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Hexachloroethane	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Nitrobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Isophorone	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2-Nitrophenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
1)694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-011**

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
50 Miller Place
yosset, NY 11791
tn To : Richard Lenz,P.E.

Client ID. : SB-C4

llected 5/4/04 9:40:00 AM
ceived 5/4/04 3:45:00 PM
lected By CLIENT
pies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
bis(2-Chloroethoxy)methane	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2,4-Dichlorophenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
1,2,4-Trichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Naphthalene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
4-Chloroaniline	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Hexachlorobutadiene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
4-Chloro-3-methylphenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2-Methylnaphthalene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Hexachlorocyclopentadiene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2,4,6-Trichlorophenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2,4,5-Trichlorophenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2-Chloronaphthalene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Dimethylphthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Acenaphthylene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2,6-Dinitrotoluene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
3-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Acenaphthene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2,4-Dinitrophenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
4-Nitrophenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Dibenzofuran	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
2,4-Dinitrotoluene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Diethylphthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
4-Chlorophenyl-phenylether	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Fluorene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
4-Nitroaniline	< 1100	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
4,6-Dinitro-2-methylphenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
N-Nitrosodiphenylamine	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
4-Bromophenyl-phenylether	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Hexachlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Pentachlorophenol	< 1100	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Phenanthrene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Anthracene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Carbazole	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Di-n-butyl phthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Fluoranthene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Pyrene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

12M LABS, INC.
Broad Hollow Road, Melville NY 11747
)694-3040 .FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
yosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-011

Client ID. : SB-C4

Sample Information...
Type : Soil

Origin:

ollected 5/4/04 9:40:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
pies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
3,3'-Dichlorobenzidine	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Benzo(a)anthracene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Chrysene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
bis(2-Ethylhexyl)phthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Di-n-octyl phthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Benzo(b)fluoranthene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Benzo(k)fluoranthene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Benzo(a)pyrene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Indeno(1,2,3-cd)pyrene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Dibenzo(a,h)anthracene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Benzo(g,h,i)perylene	< 420	µg/Kg-dry	SW8270B	05/11/2004 3:56 PM
Chloromethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Bromomethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Vinyl chloride	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Chloroethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Methylene chloride	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Acetone	38	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
1,1-Dichloroethene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Carbon disulfide	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
1,1-Dichloroethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
1,2-Dichloroethene (total)	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Chloroform	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
1,2-Dichloroethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
2-Butanone	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
1,1,1-Trichloroethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Carbon tetrachloride	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Bromodichloromethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
1,2-Dichloropropane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
cis-1,3-Dichloropropene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Trichloroethene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Dibromochloromethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
1,1,2-Trichloroethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Benzene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
trans-1,3-Dichloropropene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Bromoform	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
4-Methyl-2-pentanone	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
5 Broad Hollow Road, Melville NY 11747
) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
yosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-011

Client ID. : SB-C4

Sample Information...
Type : Soil

Origin:

lected 5/4/04 9:40:00 AM
ceived 5/4/04 3:45:00 PM
ected By CLIENT
pies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Tetrachloroethene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
1,1,2,2-Tetrachloroethane	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Toluene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Chlorobenzene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Ethylbenzene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Styrene	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Xylene (total)	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Methyl tert-butyl ether	< 13	µg/Kg-dry	SW8260B	05/06/2004 7:06 PM
Percent Moisture	22.0	wt%	D2216	05/05/2004 3:28 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

H2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405149-012**

Client ID. : SS-BL

Sample Information...
Type : Soil

Origin:

Collected 5/4/04 10:00:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	5420	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Barium	29.0	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Beryllium	< 0.61	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Cadmium	< 0.61	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Calcium	4810	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Chromium	11.3	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Cobalt	< 6.11	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Copper	84.4	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Iron	8650	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Magnesium	3470	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Manganese	79.1	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Nickel	9.62	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Potassium	587	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Sodium	86.4	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Vanadium	14.4	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Zinc	54.8	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Antimony	< 7.33	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Arsenic	2.77	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Lead	79.0	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Selenium	< 0.61	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Silver	< 1.22	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Thallium	< 1.22	mg/Kg-dry	SW6010A	05/14/2004 5:27 AM
Mercury	< 0.12	mg/Kg-dry	SW7471	05/12/2004 8:55 AM
Phenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Bis(2-chloroethyl)ether	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2-Chlorophenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
1,3-Dichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
1,4-Dichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
1,2-Dichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2-Methylphenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2,2'-oxybis(1-Chloropropane)	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
4-Methylphenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
N-Nitroso-di-n-propylamine	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Hexachloroethane	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Nitrobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Isophorone	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2-Nitrophenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Date Reported : 5/24/04

Joann M. Slavin
Laboratory Manager

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
)694-3040 .FAX:(631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-012

Client ID. : SS-BL

Sample Information...
Type : Soil

Origin:

lected 5/4/04 10:00:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
bis(2-Chloroethoxy)methane	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2,4-Dichlorophenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
1,2,4-Trichlorobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Naphthalene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
4-Chloroaniline	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Hexachlorobutadiene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
4-Chloro-3-methylphenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2-Methylnaphthalene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Hexachlorocyclopentadiene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2,4,6-Trichlorophenol	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2,4,5-Trichlorophenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2-Chloronaphthalene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2-Nitroaniline	< 1000	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Dimethylphthalate	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Acenaphthylene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2,6-Dinitrotoluene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
3-Nitroaniline	< 1000	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Acenaphthene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2,4-Dinitrophenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
4-Nitrophenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Dibenzofuran	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
2,4-Dinitrotoluene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Diethylphthalate	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
4-Chlorophenyl-phenylether	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Fluorene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
4-Nitroaniline	< 1000	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
4,6-Dinitro-2-methylphenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
N-Nitrosodiphenylamine	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
4-Bromophenyl-phenylether	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Hexachlorobenzene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Pentachlorophenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Phenanthrene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Anthracene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Carbazole	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Di-n-butyl phthalate	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Fluoranthene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Pyrene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

12M LABS, INC.

35 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-012**

Sample Information...
Type : Soil

Origin:

Own of Oyster Bay
50 Miller Place
yosset, NY 11791
tn To : Richard Lenz,P.E.

Client ID. : SS-BL

llected 5/4/04 10:00:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
oies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
3,3'-Dichlorobenzidine	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Benzo(a)anthracene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Chrysene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
bis(2-Ethylhexyl)phthalate	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Di-n-octyl phthalate	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Benzo(b)fluoranthene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Benzo(k)fluoranthene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Benzo(a)pyrene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Indeno(1,2,3-cd)pyrene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Dibenzo(a,h)anthracene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Benzo(g,h,i)perylene	< 400	µg/Kg-dry	SW8270B	05/11/2004 4:32 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Acetone	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

road Hollow Road, Melville NY 11747
94-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

n of Oyster Bay
Miller Place
osset, NY 11791
To : Richard Lenz,P.E.

Lab No. : 0405149-012

Client ID. : SS-BL

Sample Information...
Type : Soil

Origin:

cted 5/4/04 10:00:00 AM
ved 5/4/04 3:45:00 PM
ted By CLIENT
ies To Original

arameter(s)	Results	Units	Method Number	Analyzed
-Hexanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
etrachloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
oluene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
hlorobenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
tyrene	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
ylene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/06/2004 7:38 PM
Percent Moisture	18.1	wt%	D2216	05/05/2004 3:29 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

H2M LABS, INC.
Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-013**

Sample Information...
Type : Soil

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : SB-BL

Collected 5/4/04 10:00:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	6380	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Barium	36.1	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Beryllium	< 0.58	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Cadmium	0.61	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Calcium	1450	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Chromium	13.6	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Cobalt	< 5.83	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Copper	79.6	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Iron	10700	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Magnesium	1740	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Manganese	129	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Nickel	11.0	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Potassium	725	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Sodium	88.5	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Vanadium	15.5	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Zinc	51.9	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Antimony	< 7.00	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Arsenic	3.00	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Lead	75.0	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Selenium	< 0.58	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Silver	< 1.17	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Thallium	< 1.17	mg/Kg-dry	SW6010A	05/14/2004 4:20 AM
Mercury	2.37	mg/Kg-dry	SW7471	05/12/2004 10:02 AM
Phenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Bis(2-chloroethyl)ether	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2-Chlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
1,3-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
1,4-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
1,2-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2,2'-oxybis(1-Chloropropane)	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
4-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
N-Nitroso-di-n-propylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Hexachloroethane	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Nitrobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Isophorone	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2-Nitrophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
1)694-3040 .FAX: (631) 420-8436 NYSDOH ID#10478

LABORATORY RESULTS

wn of Oyster Bay
150 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-013**

Client ID. : SB-BL

Sample Information...
Type : Soil

Origin:

lected 5/4/04 10:00:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
pies To Original

arameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
bis(2-Chloroethoxy)methane	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2,4-Dichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
1,2,4-Trichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Naphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
4-Chloroaniline	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Hexachlorobutadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
4-Chloro-3-methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2-Methylnaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Hexachlorocyclopentadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2,4,6-Trichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2,4,5-Trichlorophenol	< 970	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2-Chloronaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2-Nitroaniline	< 970	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Dimethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Acenaphthylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2,6-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
3-Nitroaniline	< 970	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Acenaphthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2,4-Dinitrophenol	< 970	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
4-Nitrophenol	< 970	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Dibenzofuran	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
2,4-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Diethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
4-Chlorophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Fluorene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
4-Nitroaniline	< 970	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
4,6-Dinitro-2-methylphenol	< 970	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
N-Nitrosodiphenylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
4-Bromophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Hexachlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Pentachlorophenol	< 970	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Phenanthrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Carbazole	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Di-n-butyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

75 Broad Hollow Road, Melville NY 11747
)694-3040. FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
rosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-013**

Client ID. : SB-BL

Sample Information...
Type : Soil

Origin:

ected 5/4/04 10:00:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
3,3'-Dichlorobenzidine	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Benzo(a)anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Chrysene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
bis(2-Ethylhexyl)phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Di-n-octyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Benzo(b)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Benzo(k)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Benzo(a)pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Indeno(1,2,3-cd)pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Dibenzo(a,h)anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Benzo(g,h,i)perylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 5:06 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Acetone	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

Road Hollow Road, Melville NY 11747
94-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : 0405149-013

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
Miller Place
sset, NY 11791
n To : Richard Lenz,P.E.

Client ID. : SB-BL

cted 5/4/04 10:00:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
s To Original

rameter(s)	Results	Units	Method Number	Analyzed
-Hexanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
etrachloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
oluene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
hlorobenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
thylbenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
ylene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/06/2004 8:09 PM
Percent Moisture	14.3	wt%	D2216	05/05/2004 3:30 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
9 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-014

Client ID. : SS-D2

Sample Information...
Type : Soil

Origin:

lected 5/4/04 10:35:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	4300	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Barium	45.2	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Beryllium	< 0.91	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Cadmium	< 0.91	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Calcium	4390	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Chromium	11.5	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Cobalt	< 9.07	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Copper	289	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Iron	7000	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Magnesium	1070	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Manganese	368	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Nickel	8.34	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Potassium	318	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Sodium	68.2	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Vanadium	11.5	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Zinc	150	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Antimony	< 10.9	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Arsenic	5.02	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Lead	68.2	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Selenium	< 0.91	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Silver	< 1.81	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Thallium	< 1.81	mg/Kg-dry	SW6010A	05/14/2004 4:39 AM
Mercury	0.44	mg/Kg-dry	SW7471	05/12/2004 8:59 AM
Phenol	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Bis(2-chloroethyl)ether	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2-Chlorophenol	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
1,3-Dichlorobenzene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
1,4-Dichlorobenzene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
1,2-Dichlorobenzene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2-Methylphenol	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2,2'-oxybis(1-Chloropropane)	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
4-Methylphenol	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
N-Nitroso-di-n-propylamine	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Hexachloroethane	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Nitrobenzene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Isophorone	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2-Nitrophenol	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
(631)694-3040 FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-014**

Sample Information...
Type : Soil

Origin:

wn of Oyster Bay
50 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Client ID. : SS-D2

lected 5/4/04 10:35:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
bis(2-Chloroethoxy)methane	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2,4-Dichlorophenol	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
1,2,4-Trichlorobenzene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Naphthalene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
4-Chloroaniline	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Hexachlorobutadiene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
4-Chloro-3-methylphenol	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2-Methylnaphthalene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Hexachlorocyclopentadiene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2,4,6-Trichlorophenol	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2,4,5-Trichlorophenol	< 1500	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2-Chloronaphthalene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2-Nitroaniline	< 1500	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Dimethylphthalate	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Acenaphthylene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2,6-Dinitrotoluene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
3-Nitroaniline	< 1500	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Acenaphthene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2,4-Dinitrophenol	< 1500	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
4-Nitrophenol	< 1500	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Dibenzofuran	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
2,4-Dinitrotoluene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Diethylphthalate	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
4-Chlorophenyl-phenylether	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Fluorene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
4-Nitroaniline	< 1500	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
4,6-Dinitro-2-methylphenol	< 1500	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
N-Nitrosodiphenylamine	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
4-Bromophenyl-phenylether	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Hexachlorobenzene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Pentachlorophenol	< 1500	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Phenanthrene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Anthracene	1000	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Carbazole	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Di-n-butyl phthalate	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Fluoranthene	2200	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Pyrene	6400	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
150 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-014

Client ID. : SS-D2

Sample Information...
Type : Soil

Origin:

lected 5/4/04 10:35:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
pies To Original

arameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
3,3'-Dichlorobenzidine	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Benzo(a)anthracene	3000	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Chrysene	3900	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
bis(2-Ethylhexyl)phthalate	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Di-n-octyl phthalate	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Benzo(b)fluoranthene	4400	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Benzo(k)fluoranthene	4700	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Benzo(a)pyrene	3100	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Indeno(1,2,3-cd)pyrene	1200	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Dibenzo(a,h)anthracene	< 600	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Benzo(g,h,i)perylene	1100	µg/Kg-dry	SW8270B	05/11/2004 5:43 PM
Chloromethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Bromomethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Vinyl chloride	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Chloroethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Methylene chloride	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Acetone	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
1,1-Dichloroethene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Carbon disulfide	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
1,1-Dichloroethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
1,2-Dichloroethene (total)	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Chloroform	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
1,2-Dichloroethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
2-Butanone	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
1,1,1-Trichloroethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Carbon tetrachloride	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Bromodichloromethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
1,2-Dichloropropane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
cis-1,3-Dichloropropene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Trichloroethene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Dibromochloromethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
1,1,2-Trichloroethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Benzene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
trans-1,3-Dichloropropene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Bromoform	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
4-Methyl-2-pentanone	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
694-3040 .FAX:(631)420-8436 NYSDOH ID#10478

LABORATORY RESULTS

wn of Oyster Bay
Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-014

Client ID. : SS-D2

Sample Information...
Type : Soil

Origin:

ected 5/4/04 10:35:00 AM
eived 5/4/04 3:45:00 PM
cted By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Tetrachloroethene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
1,1,2,2-Tetrachloroethane	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Toluene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Chlorobenzene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Ethylbenzene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Styrene	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Xylene (total)	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Methyl tert-butyl ether	< 18	µg/Kg-dry	SW8260B	05/06/2004 8:40 PM
Percent Moisture	44.9	wt%	D2216	05/05/2004 3:31 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

75 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
30 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405149-015**

Sample Information...
Type : Soil

Origin:

Client ID. : SB-D2

lected 5/4/04 10:35:00 AM
ceived 5/4/04 3:45:00 PM
lected By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	2940	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Barium	128	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Beryllium	< 0.80	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Cadmium	0.89	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Calcium	2820	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Chromium	6.70	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Cobalt	< 8.05	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Copper	81.3	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Iron	8000	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Magnesium	482	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Manganese	127	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Nickel	10.3	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Potassium	334	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Sodium	244	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Vanadium	15.2	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Zinc	141	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Antimony	< 9.66	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Arsenic	14.1	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Lead	175	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Selenium	1.39	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Silver	< 1.61	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Thallium	< 1.61	mg/Kg-dry	SW6010A	05/14/2004 5:37 AM
Mercury	3.02	mg/Kg-dry	SW7471	05/12/2004 10:05 AM
Phenol	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Bis(2-chloroethyl)ether	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2-Chlorophenol	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
1,3-Dichlorobenzene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
1,4-Dichlorobenzene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
1,2-Dichlorobenzene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2-Methylphenol	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2,2'-oxybis(1-Chloropropane)	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
4-Methylphenol	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
N-Nitroso-di-n-propylamine	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Hexachloroethane	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Nitrobenzene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Isophorone	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2-Nitrophenol	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

75 Broad Hollow Road, Melville NY 11747
l) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
0 Miller Place
Syosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : **0405149-015**

Client ID. : SB-D2

Sample Information...
Type : Soil

Origin:

lected 5/4/04 10:35:00 AM
ceived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
bis(2-Chloroethoxy)methane	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2,4-Dichlorophenol	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
1,2,4-Trichlorobenzene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Naphthalene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
4-Chloroaniline	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Hexachlorobutadiene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
4-Chloro-3-methylphenol	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2-Methylnaphthalene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Hexachlorocyclopentadiene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2,4,6-Trichlorophenol	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2,4,5-Trichlorophenol	< 1300	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2-Chloronaphthalene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2-Nitroaniline	< 1300	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Dimethylphthalate	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Acenaphthylene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2,6-Dinitrotoluene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
3-Nitroaniline	< 1300	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Acenaphthene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2,4-Dinitrophenol	< 1300	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
4-Nitrophenol	< 1300	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Dibenzofuran	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
2,4-Dinitrotoluene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Diethylphthalate	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
4-Chlorophenyl-phenylether	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Fluorene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
4-Nitroaniline	< 1300	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
4,6-Dinitro-2-methylphenol	< 1300	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
N-Nitrosodiphenylamine	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
4-Bromophenyl-phenylether	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Hexachlorobenzene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Pentachlorophenol	< 1300	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Phenanthrene	1100	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Anthracene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Carbazole	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Di-n-butyl phthalate	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Fluoranthene	1300	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Pyrene	1200	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

QM LABS, INC.

Road Hollow Road, Melville NY 11747
)694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
Miller Place
sset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-015**

Client ID. : SB-D2

Sample Information...
Type : Soil

Origin:

Acted 5/4/04 10:35:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
s To Original

rameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
,3'-Dichlorobenzidine	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Benzo(a)anthracene	600	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Chrysene	620	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
bis(2-Ethylhexyl)phthalate	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Di-n-octyl phthalate	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Benzo(b)fluoranthene	650	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Benzo(k)fluoranthene	750	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Benzo(a)pyrene	640	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Indeno(1,2,3-cd)pyrene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Dibenzo(a,h)anthracene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Benzo(g,h,i)perylene	< 530	µg/Kg-dry	SW8270B	05/11/2004 6:22 PM
Chloromethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Bromomethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Vinyl chloride	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Chloroethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Methylene chloride	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Acetone	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
1,1-Dichloroethene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Carbon disulfide	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
1,1-Dichloroethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
1,2-Dichloroethene (total)	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Chloroform	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
1,2-Dichloroethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
2-Butanone	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
1,1,1-Trichloroethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Carbon tetrachloride	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Bromodichloromethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
1,2-Dichloropropane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
cis-1,3-Dichloropropene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Trichloroethene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Dibromochloromethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
1,1,2-Trichloroethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Benzene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
trans-1,3-Dichloropropene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Bromoform	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
4-Methyl-2-pentanone	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

Broad Hollow Road, Melville NY 11747
)694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
) Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-015**

Client ID. : SB-D2

Sample Information...
Type : Soil

Origin:

ected 5/4/04 10:35:00 AM
ceived 5/4/04 3:45:00 PM
ected By CLIENT
ies To Original

arameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Tetrachloroethene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
1,1,2,2-Tetrachloroethane	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Toluene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Chlorobenzene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Ethylbenzene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Styrene	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Xylene (total)	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Methyl tert-butyl ether	< 16	µg/Kg-dry	SW8260B	05/06/2004 9:11 PM
Percent Moisture	37.9	wt%	D2216	05/05/2004 3:32 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

12M LABS, INC.
Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
50 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405149-016**

Client ID. : SS-D3

Sample Information...
Type : Soil

Origin:

Collected 5/4/04 10:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	5320	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Barium	26.4	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Beryllium	< 0.59	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Cadmium	0.61	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Calcium	2520	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Chromium	17.2	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Cobalt	< 5.93	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Copper	14.1	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Iron	10200	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Magnesium	1510	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Manganese	126	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Nickel	5.97	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Potassium	432	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Sodium	39.0	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Vanadium	15.4	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Zinc	41.3	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Antimony	< 7.12	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Arsenic	9.52	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Lead	28.7	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Selenium	< 0.59	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Silver	< 1.19	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Thallium	< 1.19	mg/Kg-dry	SW6010A	05/14/2004 5:46 AM
Mercury	< 0.12	mg/Kg-dry	SW7471	05/12/2004 9:02 AM
Phenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Bis(2-chloroethyl)ether	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2-Chlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
1,3-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
1,4-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
1,2-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2,2'-oxybis(1-Chloropropane)	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
4-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
N-Nitroso-di-n-propylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Hexachloroethane	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Nitrobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Isophorone	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2-Nitrophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631)694-3040 FAX (631)420-8436 NYSDOH ID#10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405149-016**

Sample Information...
Type : Soil

Origin:

Client ID. : SS-D3

Collected 5/4/04 10:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original
QC

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
bis(2-Chloroethoxy)methane	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2,4-Dichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
1,2,4-Trichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Naphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
4-Chloroaniline	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Hexachlorobutadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
4-Chloro-3-methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2-Methylnaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Hexachlorocyclopentadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2,4,6-Trichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2,4,5-Trichlorophenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2-Chloronaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Dimethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Acenaphthylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2,6-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
3-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Acenaphthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2,4-Dinitrophenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
4-Nitrophenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Dibenzofuran	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
2,4-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Diethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
4-Chlorophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Fluorene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
4-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
4,6-Dinitro-2-methylphenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
N-Nitrosodiphenylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
4-Bromophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Hexachlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Pentachlorophenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Phenanthrene	590	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Carbazole	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Di-n-butyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Fluoranthene	1200	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Pyrene	1000	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

+2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
1) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
50 Miller Place
Syosset, NY 11791
ttn To : Richard Lenz,P.E.

Lab No. : **0405149-016**

Client ID. : SS-D3

Sample Information...
Type : Soil

Origin:

lected 5/4/04 10:45:00 AM
ceived 5/4/04 3:45:00 PM
lected By CLIENT
pies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
3,3'-Dichlorobenzidine	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Benzo(a)anthracene	490	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Chrysene	650	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
bis(2-Ethylhexyl)phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Di-n-octyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Benzo(b)fluoranthene	630	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Benzo(k)fluoranthene	620	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Benzo(a)pyrene	540	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Indeno(1,2,3-cd)pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Dibenzo(a,h)anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Benzo(g,h,i)perylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 7:02 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Acetone	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-016**

Sample Information...
Type : Soil

Origin:

own of Oyster Bay
50 Miller Place
Syosset, NY 11791
ttn To : Richard Lenz,P.E.

Client ID. : SS-D3

llected 5/4/04 10:45:00 AM
ceived 5/4/04 3:45:00 PM
llected By CLIENT
pies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Tetrachloroethene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
1,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Toluene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Chlorobenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Xylene (total)	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/06/2004 9:42 PM
Percent Moisture	15.7	wt%	D2216	05/05/2004 3:33 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-017**

Sample Information...
Type : Soil

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : SB-D3

Collected 5/4/04 10:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	5000	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Barium	29.4	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Beryllium	< 0.57	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Cadmium	< 0.57	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Calcium	761	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Chromium	9.06	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Cobalt	< 5.66	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Copper	55.3	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Iron	7590	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Magnesium	1130	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Manganese	112	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Nickel	7.18	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Potassium	397	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Sodium	119	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Vanadium	10.8	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Zinc	71.1	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Antimony	< 6.79	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Arsenic	2.97	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Lead	65.1	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Selenium	< 0.57	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Silver	< 1.13	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Thallium	< 1.13	mg/Kg-dry	SW6010A	05/14/2004 5:56 AM
Mercury	0.28	mg/Kg-dry	SW7471	05/12/2004 9:04 AM
Phenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Bis(2-chloroethyl)ether	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2-Chlorophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
1,3-Dichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
1,4-Dichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
1,2-Dichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2-Methylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2,2'-oxybis(1-Chloropropane)	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
4-Methylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
N-Nitroso-di-n-propylamine	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Hexachloroethane	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Nitrobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Isophorone	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2-Nitrophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

12M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : 0405149-017

Sample Information...
Type : Soil

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : SB-D3

Collected 5/4/04 10:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
bis(2-Chloroethoxy)methane	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2,4-Dichlorophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
1,2,4-Trichlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Naphthalene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
4-Chloroaniline	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Hexachlorobutadiene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
4-Chloro-3-methylphenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2-Methylnaphthalene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Hexachlorocyclopentadiene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2,4,6-Trichlorophenol	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2,4,5-Trichlorophenol	< 940	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2-Chloronaphthalene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2-Nitroaniline	< 940	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Dimethylphthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Acenaphthylene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2,6-Dinitrotoluene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
3-Nitroaniline	< 940	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Acenaphthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2,4-Dinitrophenol	< 940	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
4-Nitrophenol	< 940	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Dibenzofuran	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
2,4-Dinitrotoluene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Diethylphthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
4-Chlorophenyl-phenylether	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Fluorene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
4-Nitroaniline	< 940	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
4,6-Dinitro-2-methylphenol	< 940	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
N-Nitrosodiphenylamine	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
4-Bromophenyl-phenylether	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Hexachlorobenzene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Pentachlorophenol	< 940	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Phenanthrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Anthracene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Carbazole	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Di-n-butyl phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Fluoranthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Pyrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405149-017**

Client ID. : SB-D3

Sample Information...
Type : Soil

Origin:

Collected 5/4/04 10:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
3,3'-Dichlorobenzidine	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Benzo(a)anthracene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Chrysene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
bis(2-Ethylhexyl)phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Di-n-octyl phthalate	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Benzo(b)fluoranthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Benzo(k)fluoranthene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Benzo(a)pyrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Indeno(1,2,3-cd)pyrene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Dibenzo(a,h)anthracene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Benzo(g,h,i)perylene	< 370	µg/Kg-dry	SW8270B	05/11/2004 7:41 PM
Chloromethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Bromomethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Vinyl chloride	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Chloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Methylene chloride	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Acetone	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
1,1-Dichloroethene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Carbon disulfide	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
1,1-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
1,2-Dichloroethene (total)	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Chloroform	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
1,2-Dichloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
2-Butanone	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
1,1,1-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Carbon tetrachloride	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Bromodichloromethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
1,2-Dichloropropane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
cis-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Trichloroethene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Dibromochloromethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
1,1,2-Trichloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Benzene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
trans-1,3-Dichloropropene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Bromoform	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
4-Methyl-2-pentanone	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
694-3040 FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
0 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : 0405149-017

Client ID. : SB-D3

Sample Information...
Type : Soil

Origin:

lected 5/4/04 10:45:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
ies To Original

arameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Tetrachloroethene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
1,1,2,2-Tetrachloroethane	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Toluene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Chlorobenzene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Ethylbenzene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Styrene	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Xylene (total)	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Methyl tert-butyl ether	< 11	µg/Kg-dry	SW8260B	05/12/2004 8:57 PM
Percent Moisture	11.6	wt%	D2216	05/05/2004 3:34 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
1) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
osset, NY 11791
n To : Richard Lenz,P.E.

Lab No. : **0405149-018**

Sample Information...
Type : Soil

Origin:

Client ID. : SS-A2-W

lected 5/4/04 11:45:00 AM
ived 5/4/04 3:45:00 PM
cted By CLIENT
pies To Original

arameter(s)	Results	Units	Method Number	Analyzed
Aluminum	9470	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Barium	62.1	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Beryllium	< 0.59	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Cadmium	0.82	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Calcium	1750	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Chromium	19.8	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Cobalt	7.69	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Copper	18.4	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Iron	16500	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Magnesium	3070	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Manganese	327	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Nickel	14.8	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Potassium	1990	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Sodium	78.2	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Vanadium	25.0	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Zinc	54.9	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Antimony	< 7.12	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Arsenic	3.70	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Lead	25.9	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Selenium	< 0.59	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Silver	< 1.19	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Thallium	< 1.19	mg/Kg-dry	SW6010A	05/14/2004 6:06 AM
Mercury	< 0.12	mg/Kg-dry	SW7471	05/12/2004 9:09 AM
Phenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Bis(2-chloroethyl)ether	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2-Chlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
1,3-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
1,4-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
1,2-Dichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2,2'-oxybis(1-Chloropropane)	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
4-Methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
N-Nitroso-di-n-propylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Hexachloroethane	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Nitrobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Isophorone	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2-Nitrophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
31)694-3040. FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

own of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405149-018

Client ID. : SS-A2-W

Sample Information...
Type : Soil

Origin:

llected 5/4/04 11:45:00 AM
ceived 5/4/04 3:45:00 PM
llected By CLIENT
opies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
bis(2-Chloroethoxy)methane	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2,4-Dichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
1,2,4-Trichlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Naphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
4-Chloroaniline	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Hexachlorobutadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
4-Chloro-3-methylphenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2-Methylnaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Hexachlorocyclopentadiene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2,4,6-Trichlorophenol	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2,4,5-Trichlorophenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2-Chloronaphthalene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Dimethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Acenaphthylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2,6-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
3-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Acenaphthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2,4-Dinitrophenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
4-Nitrophenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Dibenzofuran	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
2,4-Dinitrotoluene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Diethylphthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
4-Chlorophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Fluorene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
4-Nitroaniline	< 980	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
4,6-Dinitro-2-methylphenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
N-Nitrosodiphenylamine	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
4-Bromophenyl-phenylether	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Hexachlorobenzene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Pentachlorophenol	< 980	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Phenanthrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Carbazole	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Di-n-butyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Fluoranthene	430	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

wn of Oyster Bay
150 Miller Place
yosset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : 0405149-018

Client ID. : SS-A2-W

Sample Information...
Type : Soil

Origin:

llected 5/4/04 11:45:00 AM
eived 5/4/04 3:45:00 PM
lected By CLIENT
opies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
3,3'-Dichlorobenzidine	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Benzo(a)anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Chrysene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
bis(2-Ethylhexyl)phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Di-n-octyl phthalate	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Benzo(b)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Benzo(k)fluoranthene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Benzo(a)pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Indeno(1,2,3-cd)pyrene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Dibenzo(a,h)anthracene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Benzo(g,h,i)perylene	< 390	µg/Kg-dry	SW8270B	05/11/2004 8:21 PM
Chloromethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Bromomethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Vinyl chloride	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Chloroethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Methylene chloride	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Acetone	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
1,1-Dichloroethene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Carbon disulfide	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
1,1-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
1,2-Dichloroethene (total)	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Chloroform	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
1,2-Dichloroethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
2-Butanone	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
1,1,1-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Carbon tetrachloride	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Bromodichloromethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
1,2-Dichloropropane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
cis-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Trichloroethene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Dibromochloromethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
1,1,2-Trichloroethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Benzene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
trans-1,3-Dichloropropene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Bromoform	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
4-Methyl-2-pentanone	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin

Laboratory Manager

Date Reported : 5/24/04

2M LABS, INC.
Broad Hollow Road, Melville NY 11747
1)694-3040. FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

wn of Oyster Bay
50 Miller Place
osset, NY 11791
tn To : Richard Lenz,P.E.

Lab No. : **0405149-018**

Client ID. : SS-A2-W

Sample Information...
Type : Soil

Origin:

lected 5/4/04 11:45:00 AM
eived 5/4/04 3:45:00 PM
ected By CLIENT
pies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Tetrachloroethene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
1,1,2,2-Tetrachloroethane	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Toluene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Chlorobenzene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Ethylbenzene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Styrene	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Xylene (total)	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Methyl tert-butyl ether	< 12	µg/Kg-dry	SW8260B	05/12/2004 9:27 PM
Percent Moisture	15.7	wt%	D2216	05/07/2004 11:00 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

H2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : **0405149-019**

Client ID. : SB-A2-W

Sample Information...
Type : Soil

Origin:

Collected 5/4/04 11:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	10300	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Barium	48.7	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Beryllium	< 0.63	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Cadmium	0.78	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Calcium	2040	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Chromium	16.3	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Cobalt	< 6.32	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Copper	56.6	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Iron	13200	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Magnesium	1900	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Manganese	245	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Nickel	11.8	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Potassium	785	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Sodium	59.1	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Vanadium	23.8	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Zinc	96.7	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Antimony	< 7.59	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Arsenic	6.00	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Lead	53.4	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Selenium	< 0.63	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Silver	< 1.26	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Thallium	< 1.26	mg/Kg-dry	SW6010A	05/14/2004 6:15 AM
Mercury	0.25	mg/Kg-dry	SW7471	05/12/2004 9:11 AM
Phenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Bis(2-chloroethyl)ether	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2-Chlorophenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
1,3-Dichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
1,4-Dichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
1,2-Dichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2-Methylphenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2,2'-oxybis(1-Chloropropane)	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
4-Methylphenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
N-Nitroso-di-n-propylamine	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Hexachloroethane	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Nitrobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Isophorone	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2-Nitrophenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Date Reported : 5/24/04

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Lab No. : 0405149-019

Client ID. : SB-A2-W

Sample Information...
Type : Soil

Origin:

Collected 5/4/04 11:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2,4-Dimethylphenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
bis(2-Chloroethoxy)methane	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2,4-Dichlorophenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
1,2,4-Trichlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Naphthalene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
4-Chloroaniline	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Hexachlorobutadiene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
4-Chloro-3-methylphenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2-Methylnaphthalene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Hexachlorocyclopentadiene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2,4,6-Trichlorophenol	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2,4,5-Trichlorophenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2-Chloronaphthalene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2-Nitroaniline	< 1000	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Dimethylphthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Acenaphthylene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2,6-Dinitrotoluene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
3-Nitroaniline	< 1000	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Acenaphthene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2,4-Dinitrophenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
4-Nitrophenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Dibenzofuran	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
2,4-Dinitrotoluene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Diethylphthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
4-Chlorophenyl-phenylether	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Fluorene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
4-Nitroaniline	< 1000	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
4,6-Dinitro-2-methylphenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
N-Nitrosodiphenylamine	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
4-Bromophenyl-phenylether	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Hexachlorobenzene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Pentachlorophenol	< 1000	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Phenanthrene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Anthracene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Carbazole	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Di-n-butyl phthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Fluoranthene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Pyrene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

12M LABS, INC.

5 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0405149-019**

Sample Information...
Type : Soil

Origin:

Client ID. : **SB-A2-W**

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Collected 5/4/04 11:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
Butyl benzyl phthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
3,3'-Dichlorobenzidine	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Benzo(a)anthracene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Chrysene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
bis(2-Ethylhexyl)phthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Di-n-octyl phthalate	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Benzo(b)fluoranthene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Benzo(k)fluoranthene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Benzo(a)pyrene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Indeno(1,2,3-cd)pyrene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Dibenzo(a,h)anthracene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Benzo(g,h,i)perylene	< 420	µg/Kg-dry	SW8270B	05/11/2004 9:01 PM
Chloromethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Bromomethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Vinyl chloride	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Chloroethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Methylene chloride	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Acetone	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
1,1-Dichloroethene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Carbon disulfide	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
1,1-Dichloroethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
1,2-Dichloroethene (total)	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Chloroform	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
1,2-Dichloroethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
2-Butanone	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
1,1,1-Trichloroethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Carbon tetrachloride	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Bromodichloromethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
1,2-Dichloropropane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
cis-1,3-Dichloropropene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Trichloroethene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Dibromochloromethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
1,1,2-Trichloroethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Benzene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
trans-1,3-Dichloropropene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Bromoform	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
4-Methyl-2-pentanone	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Date Reported : 5/24/04

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.
75 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478

LABORATORY RESULTS

Lab No. : 0405149-019

Sample Information...
Type : Soil

Origin:

Town of Oyster Bay
150 Miller Place
Syosset, NY 11791
Attn To : Richard Lenz,P.E.

Client ID. : SB-A2-W

Collected 5/4/04 11:45:00 AM
Received 5/4/04 3:45:00 PM
Collected By CLIENT
Copies To Original

Parameter(s)	Results	Units	Method Number	Analyzed
2-Hexanone	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Tetrachloroethene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
1,1,2,2-Tetrachloroethane	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Toluene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Chlorobenzene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Ethylbenzene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Styrene	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Xylene (total)	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Methyl tert-butyl ether	< 13	µg/Kg-dry	SW8260B	05/12/2004 9:58 PM
Percent Moisture	20.9	wt%	D2216	05/05/2004 3:35 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

Joann M. Slavin
Laboratory Manager

Date Reported : 5/24/04

Appendix E

Town of Oyster Bay
Mill Neck Marina
Environmental Investigation Report

Tonjes
Dave ~~Tonjes~~
Cashin Associates
631 348 7600

Submitted to:

Town of Oyster Bay
Department of Public Works
Syosset, New York

Submitted by:

Cashin Associates, P.C.
1200 Veterans Memorial Highway
Hauppauge, New York

August 5, 2004

Table 1. Surface Soil Detections

Metals mg/kg	Cleanup obj.	East. USA	SS-A2	SS-A2-W	SS-A4	SS-A5	SS-B2	SS-B2W	SS-B2 NW	SS-B5	SS-C2	SS-C2W
Percent moisture			9.3	15.7	12.5	21.2	29.6	33.7	27.1	17.4	49.2	30.5
Aluminum	SB	33000	4990	9470	5450	5310	7270	5020	3070	5020	3420	6130
Barium	300	15-600	22.3	62.1	82.9	286	2140	65.7	66.5	< 24.2	115	174
Beryllium	0.16	0-1.75	< 0.55	< 0.59	< 0.57	< 0.64	< 0.71	< 0.75	< 0.69	< 0.60	< 0.98	< 0.72
Cadmium	1	0.1-1	< 0.55	0.82	0.87	11.3	2.17	1.16	1.27	0.72	1.15	2.13
Calcium	SB	130-35000	273	1750	1270	1760	5750	1420	1740	4610	11600	3130
Chromium	10	1.5-40	9.33	19.8	9.15	31.8	28	6.47	10.8	9.25	8.73	13.3
Cobalt	30	2.5-60	< 5.51	7.69	< 5.71	< 6.35	< 7.10	< 7.54	< 6.85	< 6.05	< 9.84	< 7.19
Copper	25	1-50	16.5	18.4	150	825	967	160	14900	1110	1330	566
Iron	2000	2000-550000	11100	16500	8860	13200	12900	5740	6030	8960	16700	12800
Magnesium	SB	100-5000	808	30070	1180	1600	1990	736	724	3390	2070	1110
Manganese	SB	50-5000	149	327	127	165	278	123	73.5	89.3	350	97.2
Nickel	13	0.5-25	8.28	14.8	6.76	9.37	17.6	6.84	7.81	9.08	9.73	16
Potassium	SB	8500-43000	451	1990	423	682	640	247	231	508	301	388
Sodium	SB	6000-8000	24.7	78.2	98.1	527	142	103	77.7	75.7	110	104
Vanadium	150	1-300	15.2	25	12	11	22.5	8.69	9.87	11.5	< 9.84	22.7
Zinc	20	9-50	26.8	54.9	131	726	1260	197	454	192	305	524
Antimony	SB		< 6.62	< 7.12	< 6.86	10.4	< 8.52	< 9.05	< 8.23	< 7.26	< 11.8	14.6
Arsenic	7.5	3-12	4.6	3.7	9.38	20.4	14.6	4.4	4.08	3.18	7.5	10.1
Lead	SB	200-500	12.9	25.9	110	3710	576	84.2	354	33.2	85.7	554
Selenium	2	0.1-3.9	< 0.55	< 0.59	< 0.57	< 0.64	1.1	< 0.75	< 0.69	< 0.60	< 0.98	0.79
Silver	SB		< 1.10	< 1.19	< 1.14	< 1.27	< 1.42	< 1.51	< 1.37	< 1.21	< 1.97	< 1.44
Thallium	SB		< 1.10	< 1.19	< 1.14	< 1.27	< 1.42	< 1.51	< 1.37	< 1.21	< 1.97	< 1.44
Mercury	0.1	0.001-0.2	< 0.11	< 0.12	45.3	183	4.71	0.53	9.05	< 0.12	0.49	1.44
SVOCs ug/kg									N/A	-	-	-
Acenaphthene	50000	-	-	-	-	-	-	-	N/A	-	-	-
Acenapthylene	41000	-	-	-	-	-	-	-	N/A	-	-	-
Anthracene	50000	-	-	-	-	-	-	-	N/A	-	-	-
Benzo(a)anthracene	224	-	-	-	-	-	980	-	N/A	-	-	-
Benzo(a)pyrene	61	-	-	-	-	-	1100	-	N/A	-	-	-
Benzo(b)fluoranthene	1100	-	-	-	-	-	1100	-	N/A	-	-	-
Benzo(g,h,i)perylene	50000	-	-	-	-	-		-	N/A	-	-	-
Benzo(k)fluoranthene	1100	-	-	-	-	-	1100	-	N/A	-	-	-
Bis(2-ethylhexyl)phthalate	50000	-	-	-	-	-	720	-	N/A	-	680	-
Carbozole		-	-	-	-	-	-	-	N/A	-	-	-
Chrysene	400	-	-	-	-	-	1000	-	N/A	-	-	-
1,4-Dichlorobenzene	8500	-	-	-	-	-	-	-	N/A	-	-	-
1,2-Dichlorobenzene	7900	-	-	-	-	-	-	-	N/A	-	-	-
Diethylphthalate	7100	-	-	-	-	-	-	-	N/A	-	-	-
Dimethylphthalate	7100	-	-	-	-	-	-	-	N/A	9400	-	-
Di-n-butylphthalate	8100	-	-	-	-	-	-	510	N/A	18000	-	-
Fluoranthene	50000	-	-	430	-	-	1800	700	N/A	-	-	-
Indeno(1,2,3-cd)pyrene	3200	-	-	-	-	-	-	-	N/A	-	-	-
2-Methylnaphthalene	36400	-	-	-	-	-	-	-	N/A	-	-	-
Phenanthrene	50000	-	-	-	-	-	820	-	N/A	-	-	-
Pyrene	50000	-	-	-	-	-	1600	680	N/A	-	-	-
Acetone		-	-	-	-	-	-	-	N/A	-	-	-

Metals mg/kg	Cleanup obj.	East. USA	SS-C4	SS-C5	SS-D2	SS-D3	SS-SPTC-W	SS-SPTC-E	SS-BL
Percent moisture			16.1	16	44.9	15.7	30	15.5	18.1
Aluminum	SB	33000	9700	9600	4300	5320	3600	4700	5420
Barium	300	15-600	54.4	57.2	45.2	26.4	55.7	43.3	29
Beryllium	0.16	0-1.75	< 0.60	< 0.60	< 0.91	< 0.59	< 0.71	< 0.59	<0.61
Cadmium	1	0.1-1	0.67	0.73	<0.91	0.61	**5.75**	**2.15**	<0.61
Calcium	SB	130-35000	1160	1460	4390	2520	3640	3890	4810
Chromium	10	1.5-40	**1305**	**18.5**	**11.5**	**17.2**	**17.8**	**108**	**11.3**
Cobalt	30	2.5-60	6.77	7.4	< 9.07	< 5.93	9.84	< 5.92	<6.11
Copper	25	1-50	**42.7**	**26.1**	**289**	14.1	**689**	**549**	**84.4**
Iron	2000	2000-550000	**13800**	**15600**	**7000**	**10200**	**29400**	**10200**	**8650**
Magnesium	SB	100-5000	2200	3250	1070	1510	5610	2540	3470
Manganese	SB	50-5000	156	306	368	126	232	182	79.1
Nickel	13	0.5-25	10.7	**14**	8.34	5.97	**32.8**	**26.2**	9.62
Potassium	SB	8500-43000	757	1520	318	432	488	525	587
Sodium	SB	6000-8000	119	310	68.2	39	91.3	98.8	86.4
Vanadium	150	1-300	20.6	23	11.5	15.4	12	12.2	14.4
Zinc	20	9-50	**49.5**	**47.3**	**150**	**41.3**	**368**	**295**	**54.8**
Antimony	SB		< 7.15	< 7.14	< 10.9	< 7.12	< 8.57	< 7.10	<7.33
Arsenic	7.5	3-12	3.82	3.81	5.02	**9.52**	4.63	**12**	2.77
Lead	SB	200-500	10.2	17.7	68.2	28.7	171	324	79
Selenium	2	0.1-3.9	< 0.60	< 0.60	< 1.91	< 0.59	< 0.71	< 0.59	<0.61
Silver	SB		< 1.18	< 1.19	< 1.81	< 1.19	< 1.43	< 1.18	<1.22
Thallium	SB		< 1.19	< 1.19	< 1.81	< 1.19	< 1.43	< 1.18	<1.22
Mercury	0.1	0.001-0.2	**0.13**	< 0.12	**0.44**	< 0.12	**1.13**	**0.41**	<0.12
SVOCs ug/kg			-	-	-	-	-	-	-
Acenaphthene	50000	-	-	-	-	-	-	-	-
Acenapthylene	41000	-	-	-	-	-	-	-	-
Anthracene	50000	-	-	-	-	-	-	-	-
Benzo(a)anthracene	224	-	-	-	**3000**	**490**	-	**710**	-
Benzo(a)pyrene	61	-	-	-	**3100**	**540**	-	**800**	-
Benzo(b)fluoranthene	1100	-	-	-	**4400**	630	580	790	-
Benzo(g,h,i)perylene	50000	-	-	-	1100	-	-	-	-
Benzo(k)fluoranthene	1100	-	-	-	**4700**	620	710	670	-
Bis(2-ethylhexyl)phthalate	50000	-	-	-	-	-	-	550	-
Carbozole		-	-	-	-	-	-	-	-
Chrysene	400	-	-	-	**3900**	**650**		**750**	-
1,4-Dichlorobenzene	8500	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	7900	-	-	-	-	-	-	-	-
Diethylphthalate	7100	-	-	-	-	-	-	-	-
Dimethylphthalate	7100	-	-	-	-	-	-	-	-
Di-n-butylphthalate	8100	-	-	-	-	-	-	-	-
Fluoranthene	50000	-	-	-	2200	1200	520	1300	-
Indeno(1,2,3-cd)pyrene	3200	-	-	-	1200	-	-	-	-
2-Methylnaphthalene	36400	-	-	-	-	-	-	-	-
Phenanthrene	50000	-	-	-	-	590	-	790	-
Pyrene	50000	-	-	-	6400	1000	540	1200	-
Acetone		-	-	-	-	-			

Note:
Bold - indicates detection above standard or guidance value

Table 2. Subsurface Soil Detections

Metals mg/kg	Cleanup obj.	East. USA	SB-A2	SB-A2-W	SB-A4	SB-A5	SB-B2	SB-B2W	SB-B5	SB-C2	SB-C2W
Percent moisture			12.7	20.9	14.4	23.1	38.6	17.3	11	26.4	41.1
Aluminum	SB	33000	6670	10300	4040	6640	9390	5680	4020	4230	9070
Barium	300	15-600	< 22.9	48.7	51.6	41.4	763	71.2	30.4	179	247
Beryllium	0.16	0-1.75	< 0.57	< 0.63	< 0.58	< 0.65	0.89	< 0.60	< 0.56	< 0.68	< 0.85
Cadmium	1	0.1-1	< 1.57	0.78	< 0.58	1.04	5.51	0.75	0.67	1.01	2.22
Calcium	SB	130-35000	376	2040	2170	744	9960	769	74100	7000	2510
Chromium	10	1.5-40	8.26	16.3	13.3	14.2	31.9	9.34	7.39	10.5	12.8
Cobalt	30	2.5-60	< 5.73	< 6.32	< 5.84	< 6.50	14.6	< 6.05	< 5.62	< 6.79	< 8.49
Copper	25	1-50	6.85	56.6	115	58.1	193	24.8	150	371	212
Iron	2000	2000-550000	8130	13200	8760	8460	71700	9390	6110	9240	18900
Magnesium	SB	100-5000	742	1900	1810	2100	576	971	45100	1120	942
Manganese	SB	50-5000	45.8	245	146	91.6	522	68.4	172	73.1	155
Nickel	13	0.5-25	< 4.58	11.8	6.07	8.15	33.9	7.44	6.7	8.69	13.3
Potassium	SB	8500-43000	264	785	524	1270	1010	367	526	258	406
Sodium	SB	6000-8000	46.4	59.1	84.8	827	272	72.9	174	111	181
Vanadium	150	1-300	11	23.8	9.8	13.4	33.7	11.3	10.1	12.6	29.9
Zinc	20	9-50	24	98.7	117	131	1260	213	63.1	3156	465
Antimony	SB		< 6.87	< 7.59	< 7.01	< 780	< 9.77	< 7.26	< 6.74	< 8.15	< 10.2
Arsenic	7.5	3-12	2.18	6	5.04	3.17	25.7	3.41	3.05	8.11	14.1
Lead	SB	200-500	4.67	53.4	97.2	60.8	958	81.5	51.6	455	253
Selenium	2	0.1-3.9	< 0.57	< 0.63	< 0.58	< 0.65	3.66	< 0.60	< 0.56	< 0.68	2.3
Silver	SB		< 1.15	< 1.26	< 1.17	< 1.30	< 1.63	< 1.21	< 1.12	< 1.36	< 1.70
Thallium	SB		< 1.15	< 1.26	< 1.17	< 1.30	< 1.63	< 1.21	< 1.12	< 1.36	< 1.70
Mercury	0.1	0.001-0.2	< 0.12	0.25	4.78	3.65	0.34	0.13	0.63	0.59	< 0.17
SVOCs ug/kg											
Acenaphthene	50000		-	-	-	440	-	-	-	-	-
Acenapthylene	41000		-	-	-	-	-	-	-	-	-
Anthracene	50000		-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	224		-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	61		-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1100		-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	50000		-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	1100		-	-	-	-	-	-	-	460	-
Bis(2-ethylhexyl)phthalate	50000		-	-	-	-	-	-	-	-	-
Carbozole			-	-	-	-	-	-	-	-	-
Chrysene	400		-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	8500		-	-	-	-	-	-	-	-	670
1,2-Dichlorobenzene	7900		-	-	-	-	-	-	-	-	970
Diethylphthalate	7100		-	-	-	-	-	-	-	-	-
Dimethylphthalate	7100		-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	8100		-	-	-	-	-	-	-	-	-
Fluoranthene	50000		-	-	-	1300	690	470	-	710	-
Indeno(1,2,3-cd)pyrene	3200		-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	36400		570	-	-	-	-	-	-	-	-
Phenanthrene	50000		-	-	-	-	-	-	-	-	-
Pyrene	50000		570	-	-	930	620	-	-	620	-
Acetone			67	-	-	22	-	-	-	-	-

Metals mg/kg	Cleanup obj.	East. USA	SB-C4	SB-C5	SB-D2	SB-D3	SB-SPTC-E	SPTC-W	SB-BL
Percent moisture			22	10.9	37.9	11.6	14.9	12.2	14.3
Aluminum	SB	33000	4720	8810	2940	5000	2800	5750	6380
Barium	300	15-600	< 25.6	< 22.4	128	29.4	< 23.5	34.7	36.1
Beryllium	0.16	0-1.75	< 0.64	< 0.56	< 0.80	< 0.57	< 0.59	< 0.57	<0.58
Cadmium	1	0.1-1	< 0.64	0.67	0.89	< 0.57	< 0.59	< 0.57	0.61
Calcium	SB	130-35000	580	2470	2820	761	24200	12800	1450
Chromium	10	1.5-40	6.24	14.9	6.7	9.06	5.41	9.3	13.6
Cobalt	30	2.5-60	< 6.41	6.08	< 8.05	< 5.66	< 5.88	< 5.69	<5.83
Copper	25	1-50	**26.9**	**78**	**81.3**	**55.3**	**78.8**	**67.1**	**79.6**
Iron	2000	2000-550000	**6140**	**13800**	**8000**	**7590**	**4900**	**7780**	**10700**
Magnesium	SB	100-5000	829	3250	482	1130	**13000**	**7320**	1740
Manganese	SB	50-5000	56.8	194	127	112	228	103	129
Nickel	13	0.5-25	5.41	10.6	10.3	7.18	6.82	5.9	11
Potassium	SB	8500-43000	252	647	334	397	357	395	725
Sodium	SB	6000-8000	65.2	417	244	119	80.9	119	88.5
Vanadium	150	1-300	8.35	19.8	15.2	10.8	10.4	13	15.5
Zinc	20	9-50	**34.9**	**42.7**	141	71.1	**56.6**	**60.2**	**51.9**
Antimony	SB		< 7.69	< 6.73	< 9.66	< 6.79	< 7.05	< 6.83	<7
Arsenic	7.5	3-12	2.59	3.4	14.1	2.97	3.44	**9.62**	3
Lead	SB	200-500	17.7	11.6	175	65.1	44.1	105	75
Selenium	2	0.1-3.9	< 0.64	< 0.56	1.39	< 0.57	< 0.59	< 0.57	<0.58
Silver	SB		< 1.28	< 1.12	< 1.61	< 1.13	< 1.18	< 1.14	<1.17
Thallium	SB		< 1.28	< 1.12	< 1.61	< 1.13	< 1.18	< 1.14	<1.17
Mercury	0.1	0.001-0.2	< 0.13	< 0.11	**3.02**	**0.28**	0.16	**0.24**	**2.37**
SVOCs ug/kg									
Acenaphthene	50000		-	-	-	-	-	-	
Acenapthylene	41000		-	-	-	-	-	450	
Anthracene	50000		-	-	-	-	-	1100	
Benzo(a)anthracene	224		-	-	**600**	-	**520**	**3100**	
Benzo(a)pyrene	61		-	-	**640**	-	**790**	**2600**	
Benzo(b)fluoranthene	1100		-	-	650	-	710	**2400**	
Benzo(g,h,i)perylene	50000		-	-	-	-	-	740	
Benzo(k)fluoranthene	1100		-	-	750	-	670	**3100**	
Bis(2-ethylhexyl)phthalate	50000		-	-	-	-	-	-	
Carbozole			-	-	-	-	-	410	
Chrysene	400		-	-	**620**	-	**600**	**3300**	
1,4-Dichlorobenzene	8500		-	-	-	-	-	-	
1,2-Dichlorobenzene	7900		-	-	-	-	-	-	
Diethylphthalate	7100		-	390	-	-	-	-	
Dimethylphthalate	7100		-	-	-	-	-	-	
Di-n-butylphthalate	8100		-	-	-	-	-	-	
Fluoranthene	50000		-	-	1300	-	930	7900	
Indeno(1,2,3-cd)pyrene	3200		-	-	-	-	-	910	
2-Methylnaphthalene	36400		-	-	-	-	-		
Phenanthrene	50000		-	-	1100	-	410	4600	
Pyrene	50000		-	-	1200	-	1000	5800	
Acetone			38	-	-	-	-	-	

Note:
Bold - indicates detection above standard or guidance value

Table 3. Groundwater Detections

Parameters	Units	GA Stds.	GW-SPTC-E	GW-D2	GW-A5	GW-B2	GW-C4
Aluminum	mg/L		18.5	13.3	19	12.7	8.42
Antimony	ug/L	3	< 60.0	< 60.0	< 60.0	< 60.0	< 60.0
Arsenic	ug/L	25	**26.4**	**41.3**	**122**	**36.1**	11.2
Barium	mg/L	1	**4.05**	**2.33**	0.917	**1.32**	**1.17**
Calcium	mg/L		400	193	157	111	89.5
Chromium	mg/L	0.05	0.024	0.013	**0.085**	0.031	< 0.010
Cobalt	mg/L		0.104	0.057	0.094	< 0.050	< 0.050
Copper	mg/L	0.2	**33.7**	**0.733**	**21.7**	0.071	**2.27**
Iron	mg/L	0.3	**37.8**	**31.6**	**64.2**	**30.4**	**17.3**
Lead	ug/L	25	**3310**	**1840**	**16600**	**4080**	**722**
Magnesium	mg/L	35	**95.5**	20.8	**94.6**	11.4	21.4
Manganese	mg/L	0.3	**11.1**	**4.01**	**8.46**	**3.23**	**1.41**
Nickel	mg/L	0.1	**0.369**	0.068	**0.202**	0.099	< 0.040
Potassium	mg/L		16.5	10.4	46.9	10.7	19.1
Selenium	ug/L	10	< 5.00	< 5.00	< 5.00	< 5.00	**11.4**
Sodium	mg/L	20	**43.8**	**29.8**	**550**	**49.7**	**52.2**
Thallum	ug/L	0.5	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Vanadium	mg/L		0.107	0.125	0.124	0.156	< 0.050
Zinc	mg/L	2	**15.4**	**2.75**	**23.5**	**12.2**	0.941
Beryllium	ug/L	3	**8.27**	< 5.00	6.13	< 5.00	< 5.00
Cadmium	ug/L	5	**112**	**20.6**	**224**	**28.4**	**8.66**
Silver	mg/L	0.05	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Mercury	ug/L	0.7	**87.6**	**30.9**	**3100**	**2.44**	**9.2**
Acetone	ug/L	50	12	-	12	-	-

Note:
Bold - indicates detection above standard or guidance value

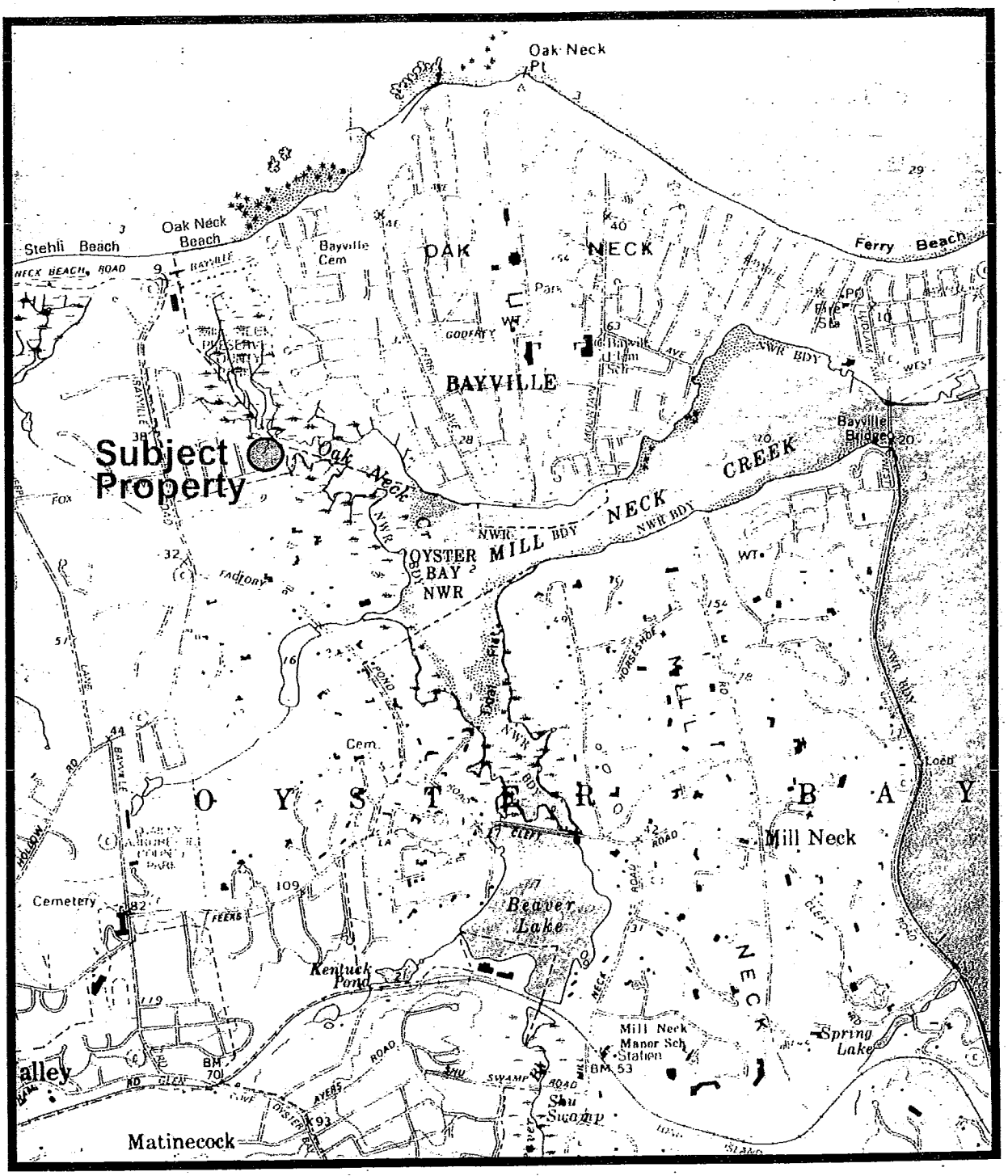
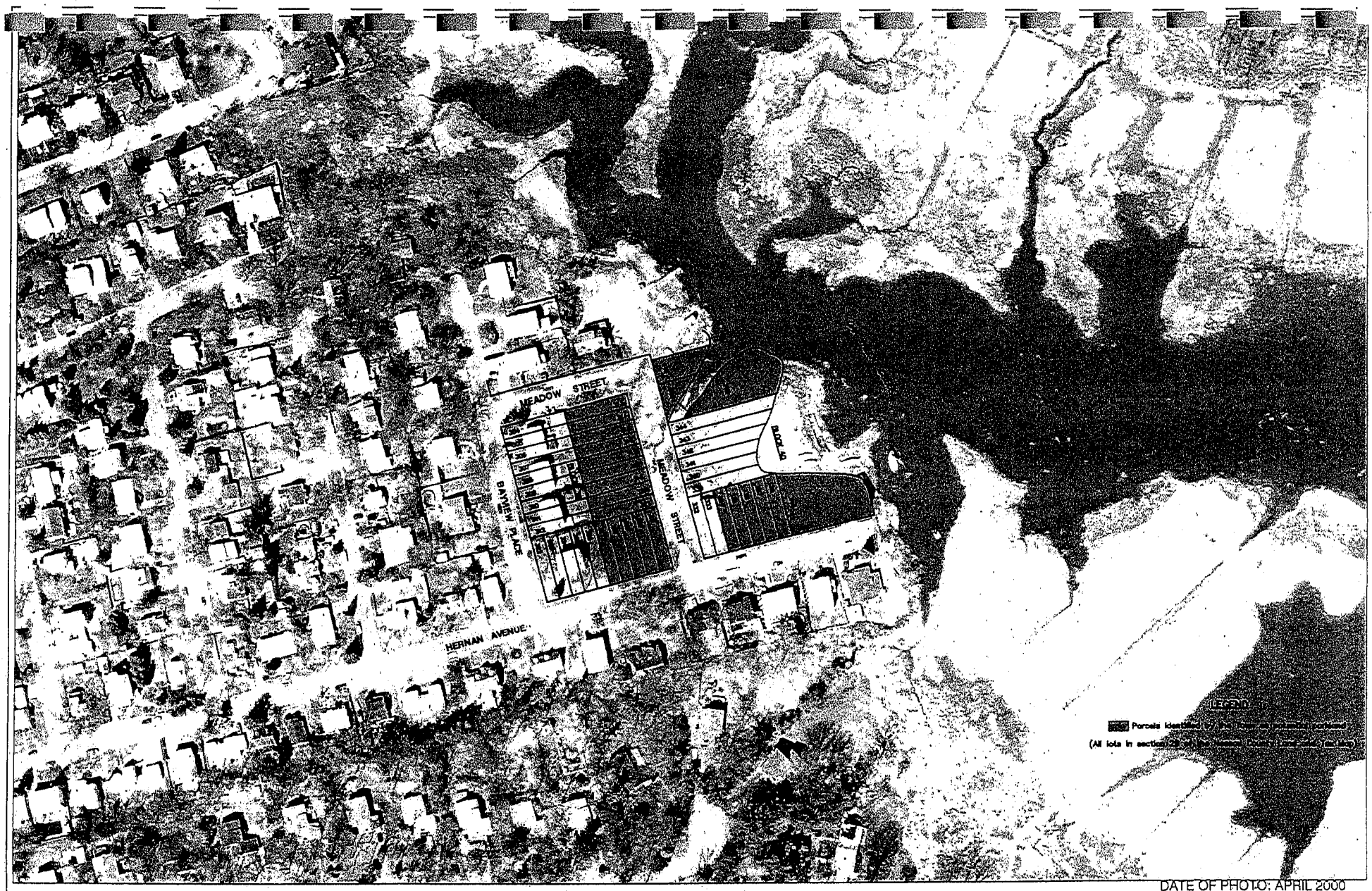


FIGURE 1

SITE LOCATION MAP

FORMER MILL NECK MARINA PROPERTY



DATE OF PHOTO: APRIL 2000

FIGURE 2

TOWN OF OYSTER BAY
MILL NECK MARINA
LOT MAP

SCALE: 1" = 200'±

NORTH

FIGURE 3
TOWN OF OYSTER BAY
MILL NECK MARINA

SURFACE SOIL
SAMPLE LOCATIONS
JUNE 2004

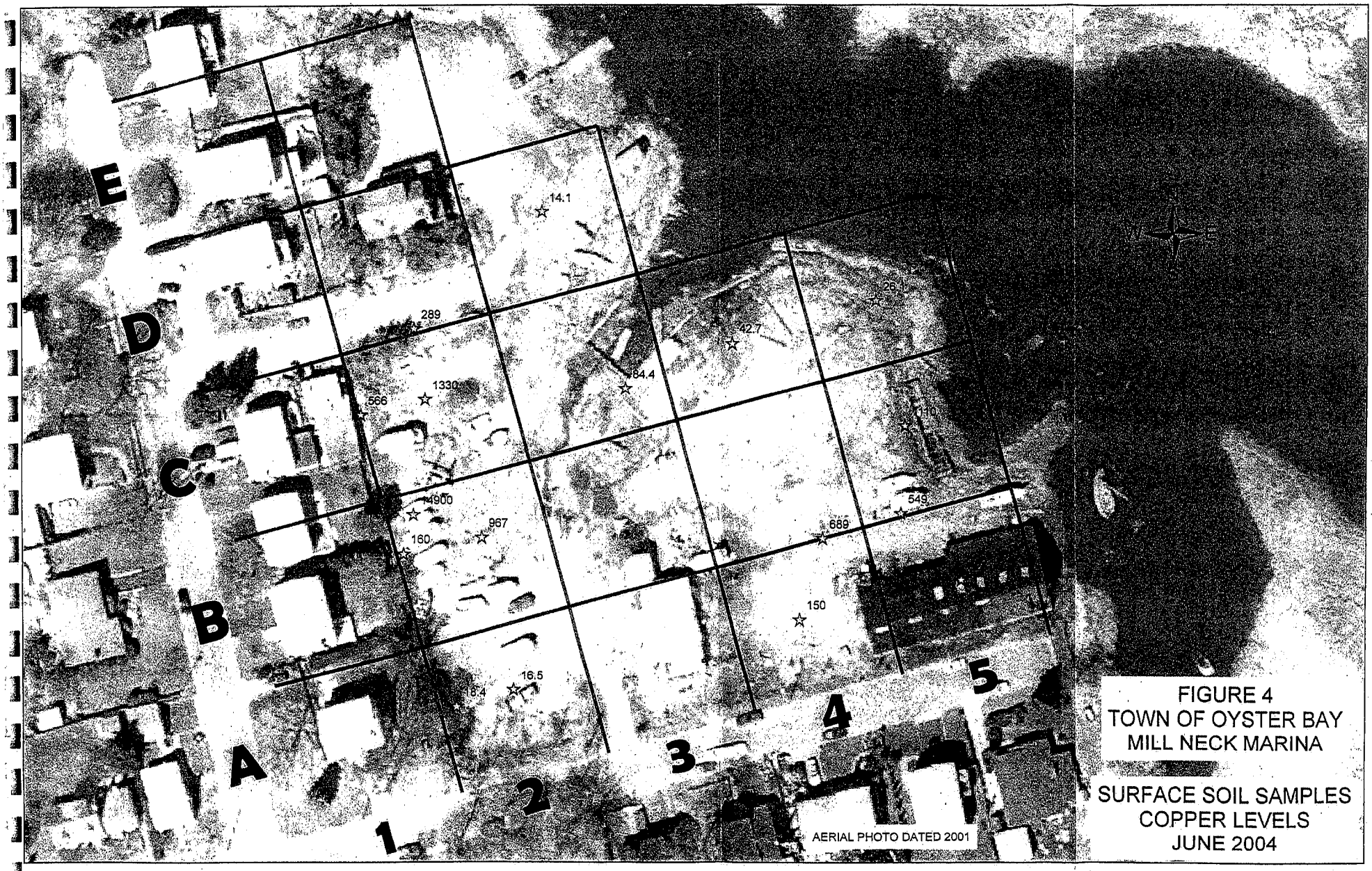


FIGURE 4
TOWN OF OYSTER BAY
MILL NECK MARINA

SURFACE SOIL SAMPLES
COPPER LEVELS
JUNE 2004

FIGURE 5
TOWN OF OYSTER BAY
MILL NECK MARINA

SURFACE SOIL SAMPLES
LEAD LEVELS
JUNE 2004

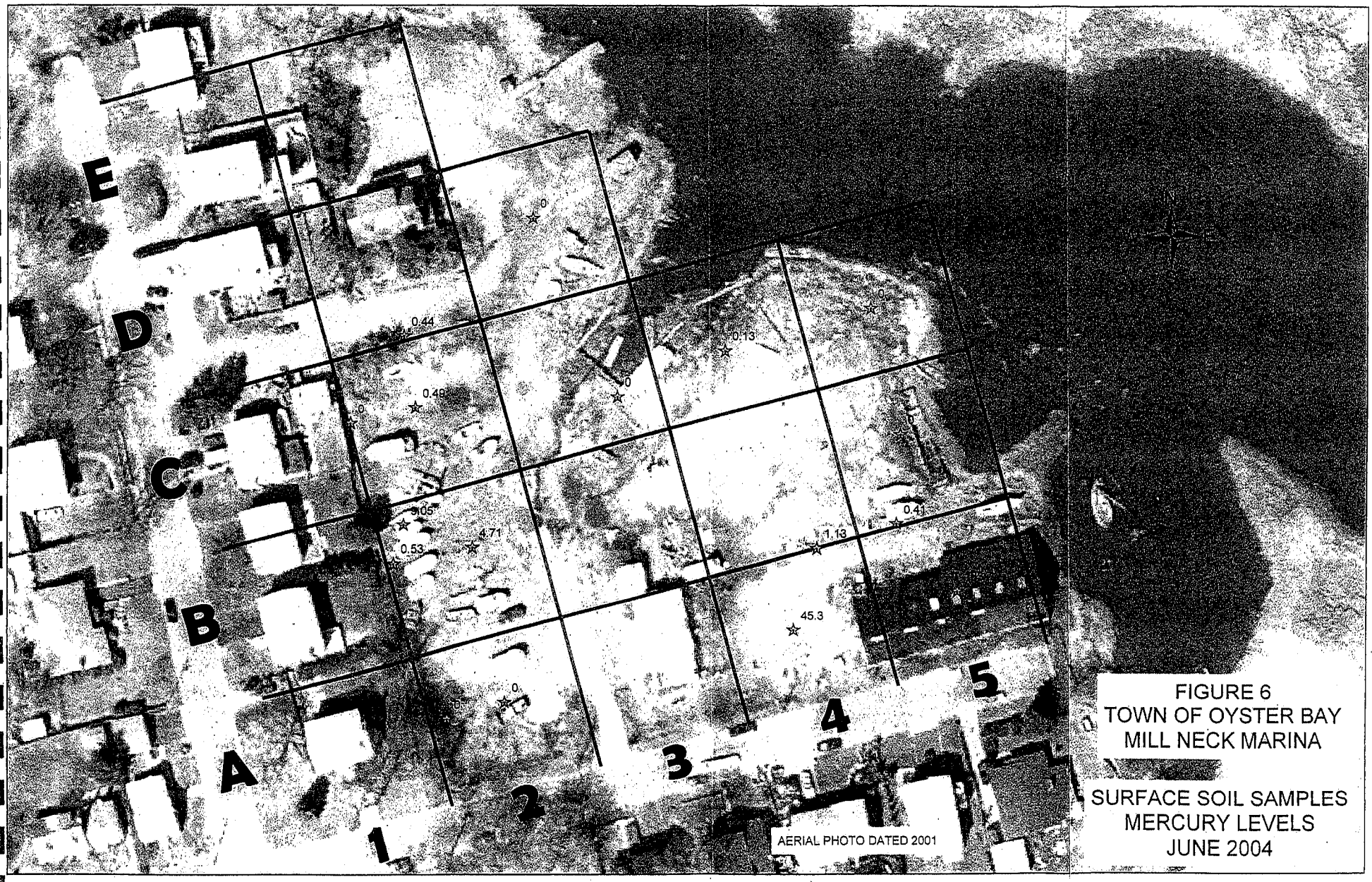


FIGURE 6
TOWN OF OYSTER BAY
MILL NECK MARINA

SURFACE SOIL SAMPLES
MERCURY LEVELS
JUNE 2004

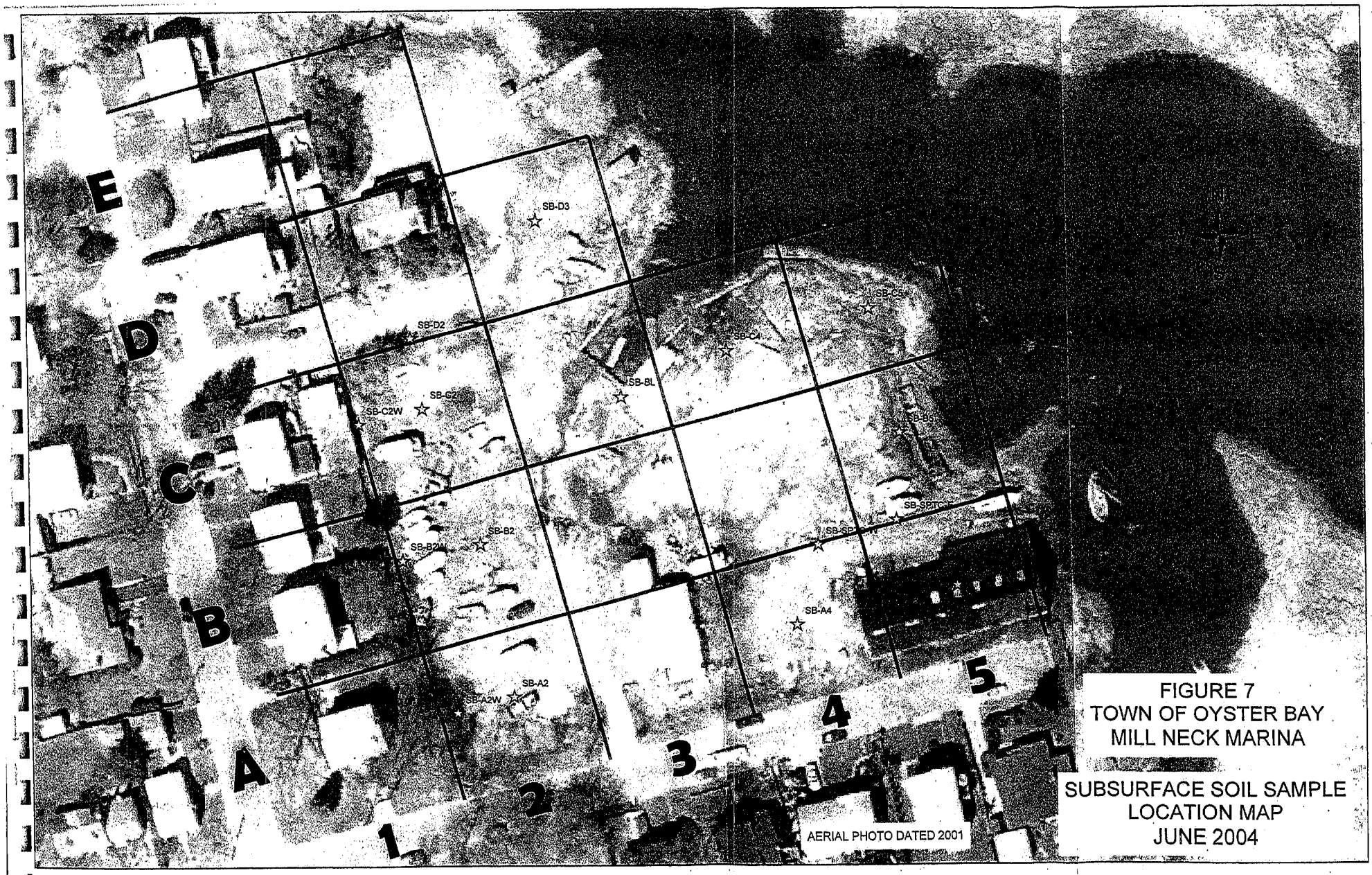


FIGURE 7
TOWN OF OYSTER BAY
MILL NECK MARINA

SUBSURFACE SOIL SAMPLE
LOCATION MAP
JUNE 2004

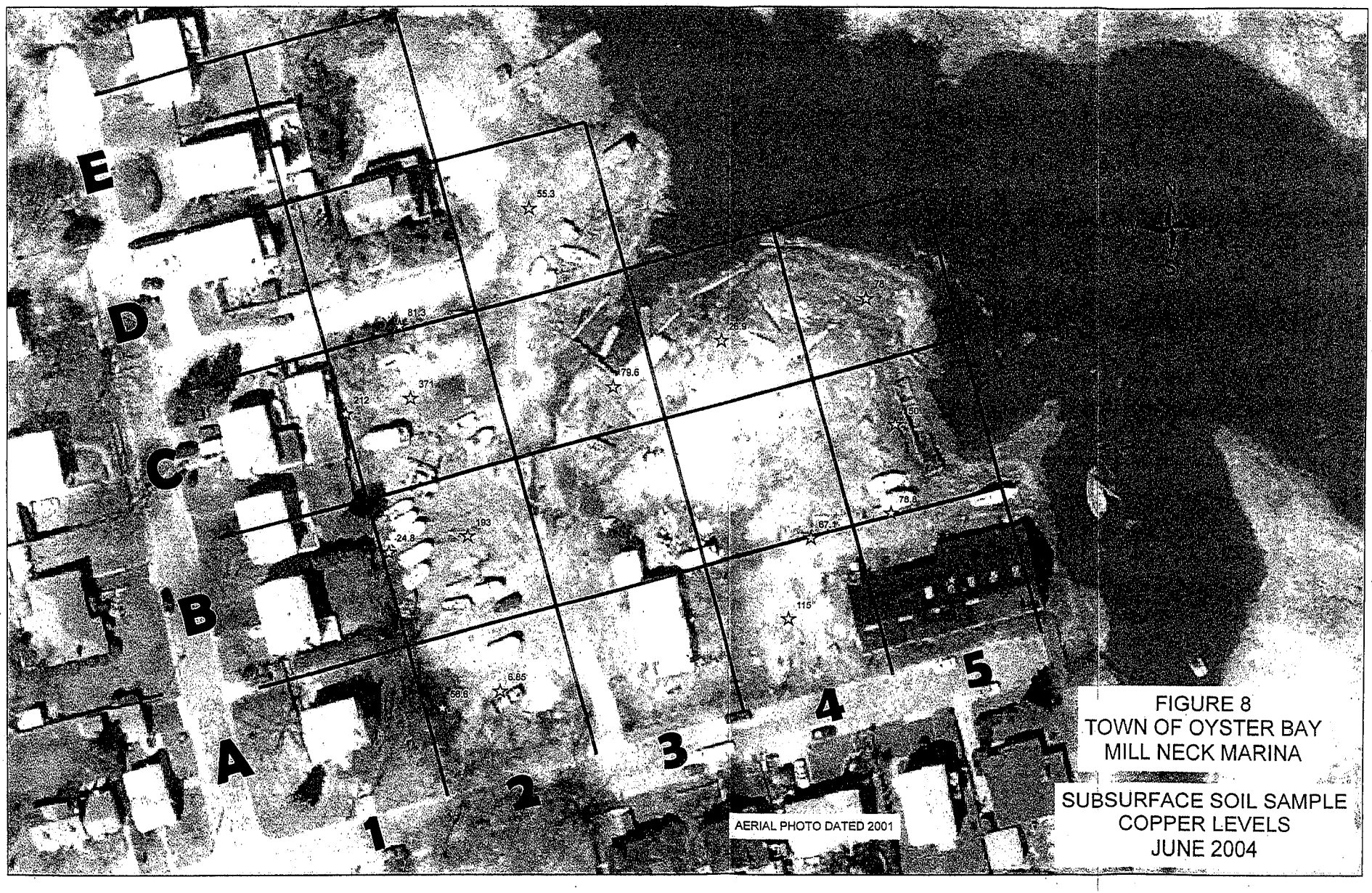


FIGURE 8
TOWN OF OYSTER BAY
MILL NECK MARINA

SUBSURFACE SOIL SAMPLE
COPPER LEVELS
JUNE 2004

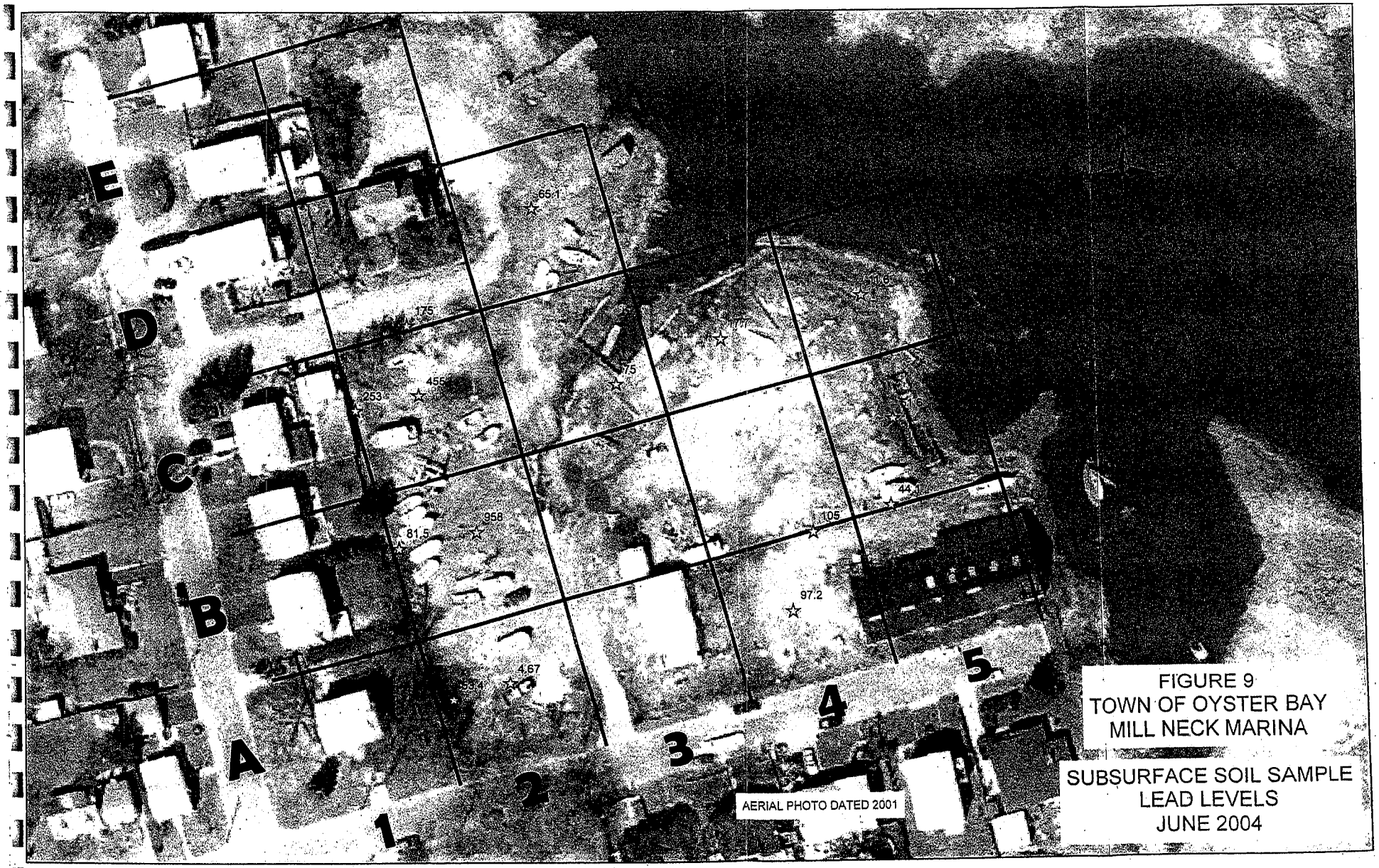


FIGURE 9
TOWN OF OYSTER BAY
MILL NECK MARINA

SUBSURFACE SOIL SAMPLE
LEAD LEVELS
JUNE 2004

FIGURE 11
TOWN OF OYSTER BAY
MILL NECK MARINA

GROUNDWATER
SAMPLE LOCATIONS
JUNE 2004

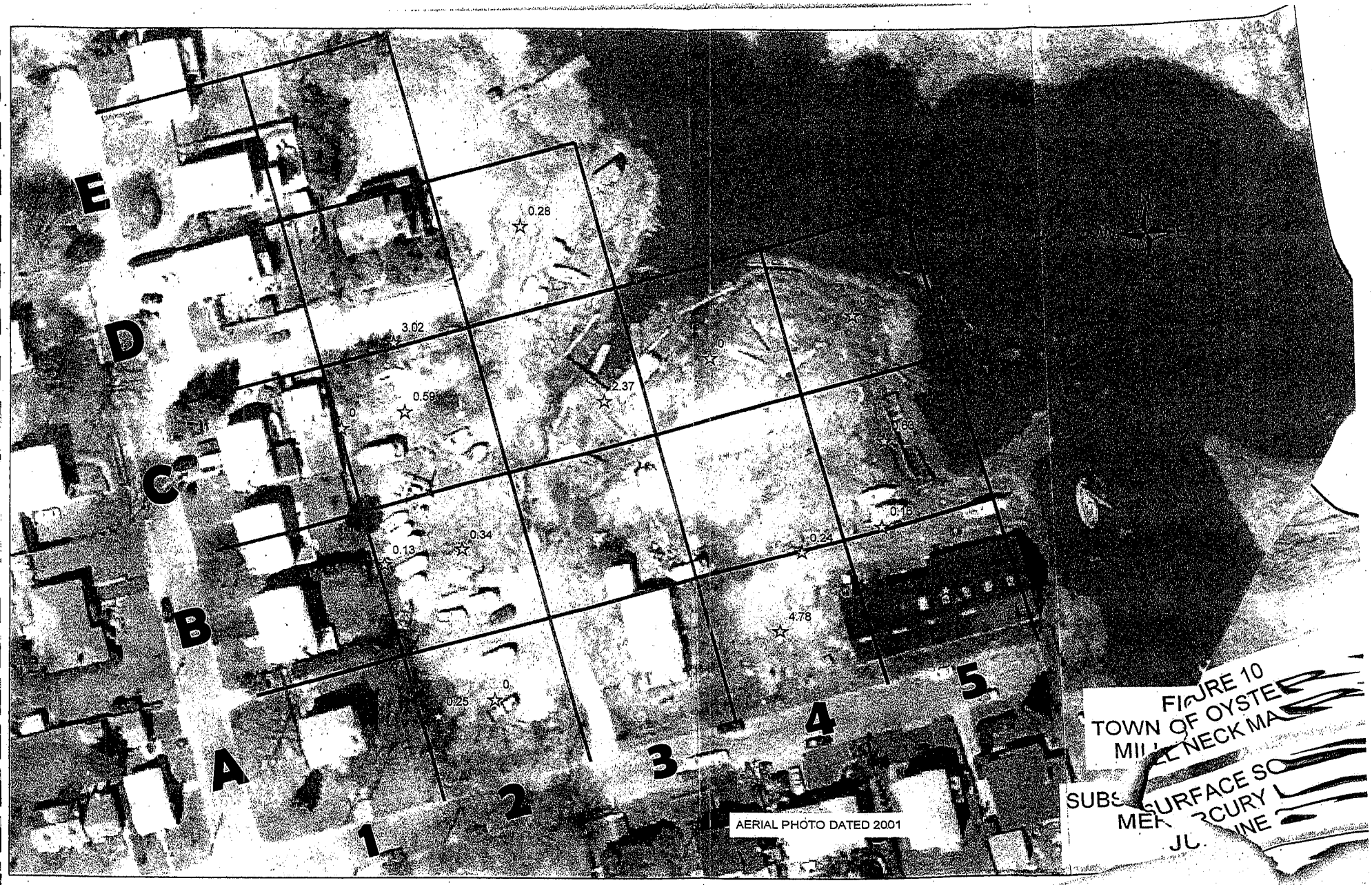


FIGURE 10
TOWN OF OYSTER
MILL NECK MA
SUBSURFACE SO
MERCURY
JU NE

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 11th Floor
625 Broadway, Albany, New York 12233-7015
Phone: (518) 402-9625 • **Fax:** (518) 402-9627
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

OCT 29 2009

Jim DeMartinis
J.R. Holzmacher P.E. LLC
Senior Hydrogeologist
300 Wheeler Road, Suite 402
Hauppauge, New York 11788

Re: Mill Neck Marina, Site No. 130166
Oyster Bay, NY 11560
Soil Sampling Work Plan
Block 40, Section 29, Lots 313-321, 327-345, and 348

Dear Mr. DeMartinis:

The New York Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) have reviewed the August 2009 Soil Sampling Work Plan received on August 27, 2009. Based upon this review, we have the following comments to provide:

1) Sampling Approach, p. 4: The work plan proposes to sample soils for eight RCRA metals plus copper and zinc, using EPA Method 6010. The site historically has detected elevated levels of 15 metals, including significant detections of mercury which is not included in this method. The EPA Method 6010 samples for all the site-related detected metal compounds and should report results that include: As, Pb, Zn, Ni, Cu, Cr, Cd as well as run the EPA Method 3200 for mercury [organic, inorganic and total mercury species]. Historical sampling data supports a full run of the heavy metals known to have exceeded SCOs. This section does not specify that mercury, lead and nickel were also detected historically at the site.

2) Sampling Methodology, p. 4: The surface soils should be collected from the 0-2" interval below the vegetative cover to assess for public health exposures. The proposal states 0-6", which is applicable for ecological and garden soil assessments. The need for an ecological assessment should be evaluated as the elevated levels of mercury in the soils and groundwater may present an ecological threat to fish and wildlife, as well as a public health threat if fish or shellfish consumption occurs from species caught in the adjacent waters (see comment 7 below). At this time, without a determination that the site will be reused for residential and gardening purposes, the soil sampling work plan should assess dermal contact exposures. If future use of the site may include gardening purposes, an assessment of the 0-6" soil layer may also be included, but would be evaluated for ingestion exposures and not for direct contact.

3) Sampling Methodology, p. 5: Use of an ambient air mercury detector is not specified in the

sampling protocol; however, the elevated levels of mercury and lead indicate these compounds should be included in a site-specific Community Air Monitoring Plan (CAMP). As mercury is a volatile metal compound, use of an air monitor specific to mercury is recommended for both a CAMP based on the proximity of residential homes to the SS-A5 hot spot, and for the Health and Safety Plan (HASP). As the species of mercury is not known, but could present significant dermal contact health threats, review of the literature for appropriate gloves for site personnel is highly recommended in the HASP. Organic mercury can easily pass through the skin barrier and latex gloves, presenting health concerns at low concentrations. Additionally, as lead is present in the surfical soils at significant levels (3,710 ppm), any invasive work that could resuspend dust particulates should be addressed in a CAMP using an action level of 50 ppm.

Inorganic mercury, in an anaerobic environment, is transformed into organic mercury species which can dissolve into groundwater and is bioaccumulated into wildlife and fish species. The site is located at a wetland where these conditions are likely to exist. It is not known if organomercurials were used in the former commercial structure where SS-A5 was collected. Sample SS-A5 detected up to 183 ppm mercury [total] but it is not known if this represents the "worst-case" concentration for the site. Proper Personal Protective Equipment should consider the hazards of organomercurials (used as antibacterial agents in paints) in this investigation.

4) Surface soil samples, p. 6: Soil sampling should include the former cesspool location, former commercial structure [delineating from SS-A5 to determine if this is the "worst-case" soil sample] and the former gasoline underground storage tank and associated pump island. Soil sampling should include volatile organic compounds, as the site history has documented use of gasoline at the facility. Only metals are proposed for sampling in this work plan.

5) Soil Boring Location Plan, Figure 3: This plan for soil sampling is not consistent with delineating historical data already collected at the site. Figure 4 of the Cashin Associates, Inc (June 2004) document should be used as a basis for initiating delineation sample locations. This figure is included in the 2006 Site Classification Form (see attached). The suitability of the proposed samples cannot be determined without a figure that co-locates the proposed sampling locations with the formerly identified elevated soil levels.

6) Please provide the basis for selection of 650 ppm for lead and TCLP. What is the future plan for the property use?

This report does not provide for groundwater evaluation, and thus is not a complete remedial investigation work plan. The Soil Sampling Work Plan appears to be a workplan for a soil investigation in anticipation of a soil Interim Removal Measure (IRM) and not a full Remedial Investigation / Feasibility Study Work Plan. The intent of the plan needs to be clarified, and if an interim action is undertaken, a complete Remedial Investigation / Feasibility Study will need to be done for the site in the future immediately following the IRM. Groundwater, surface water, and sediment sampling will need to be undertaken at that time.

When the remedial investigation work plan is completed, surface water and/or sediment sampling of the adjacent creek will need to be preformed. As mercury has been detected

historically in both soils and groundwater, mercury should be included in a Fish and wildlife resources impact analysis. The site is reported to be located adjacent to a National Wildlife Refuge and the waterway reported to be a Significant Fish and Wildlife Habitat. As consumption of fish and/or wildlife may occur, this exposure pathway should be evaluated as a public health concern as well as ecological concern.

A well survey has not been proposed in the work plan, and is required for the Remedial Investigation phase of the work. The NYSDOH has learned there are three public supply wells within a mile of the site. It is not known if there are any groundwater users in the area, but this should be confirmed.

Please revise the document to reflect these comments. If you have any questions, please call me at (518)402-9692 or email me at hlbishop@gw.dec.state.ny.us. Thank you for your consideration.

Sincerely,

Heather Bishop, Environmental Engineer I

Attachment

ec: W. Parish, Region 1 (w/o attachment)
J. Swartwout (w/o attachment)
C. Vasudevan (w/o attachment)
S. McLelland, NYSDOH (w attachment)

Former Mill Bay Marina
Locust Valley, New York 11560

Nassau County Tax Maps as Section 29 Block 40 Lot Numbers 313-321, 327-345 and 348.

Soil Sampling Work Plan

Prepared For
The NYSDEC

August 2009

Prepared By:
J.R. Holzmacher P.E., LLC
Consulting Engineers
300 Wheeler Road, Suite 402
Hauppauge, New York 11788

INTRODUCTION

J.R. Holzmacher P.E. LLC (JRH) has prepared this work plan, for submittal to the NYSDEC, to conduct soil sampling and analysis prior to remediation of contaminated soils at the former Mill Bay Marina (the site). The site is bordered on the east by Mill Neck Creek and the north, south and west by residential development (Figure 1). The subject property to be investigated is defined in the Nassau County Tax Maps as Section 29 Block 40 Lot Numbers 313-321, 327-345 and 348 (Figure 2).

Review of the historical data revealed that the site had been occupied by a marina at least as far back as the 1950s. The marina reportedly contained boat storage and maintenance areas, and gasoline storage and dispensing facilities. Marina activities continued until abandoned in 2001. Subsequent to abandonment, Mr. Harvey Weisman purchased a portion of the site and removed the building and discarded boats. The site is now vacant.

BACKGROUND

Documents and environmental reports were sent to the NYSDEC. Following is a brief summary of previous investigations.

Phase I ESA-2002

Cashin Associates, P.C. (Cashin) was retained in early 2002 by the Town of Oyster Bay to conduct a Phase I Environmental Site Assessment (ESA) of the site. Based on the review of historical photographs, Cashin determined that the site was developed sometime before 1953 with a large commercial building and was then used for the outdoor storage of boats. The property was expanded sometime between 1953 and 1966, and again modified between 1966 and 1976 with the excavation of an inlet area along Oak Neck Creek.

It is believed that a gasoline underground storage tank was removed in the 1970s. The Nassau County Fire Marshall's Office was contacted, and records there were searched in an effort to find the location of the former gasoline islands. Therefore, no relevant information was uncovered by Cashin.

Information obtained from the Nassau County Department of Health (NCDH) indicated that Mr. Weisman removed the septic system under NCDH supervision in 2001-2002 in conjunction with building demolition.

As part of the Phase I ESA, the specific site history was determined by Cashin based on review of historical aerial photographs; interviews with Mr. Harvey Weisman, owner of most of the subject property; and review of information in the files of the Town of Oyster Bay Building Division. The Phase I ESA suggested that the previous site use relating to boat maintenance and storage may have had impacts on the site. However, Cashin uncovered no pertinent data or documents that could bear on this question. Limited sampling data provided at this time by Mr.

Weisman suggested that some impacts might be discovered on the site, but Cashin felt that the documentation associated with the sampling data was not rigorous enough to allow for quantitative use of the information. Therefore, Cashin recommended a Phase II ESA.

Phase II ESA-2004

The purpose of this Phase II ESA was to determine the presence, if any, of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals in soil and groundwater at selected locations across the site. A sampling plan was prepared by Cashin and submitted to the NCDH for approval in March 2004.

Cashin established, an approximate 100' x 100' grid and a total of 16 locations were selected to be sampled. Thirty soil samples and five groundwater samples were collected and analyzed by an ELAP-certified testing laboratory. Some locations within the sampling grid were not sampled because they were outside parcels being considered for acquisition by the Town.

The results of the Phase II ESA were presented in an *Environmental Investigation Report* to the Town of Oyster Bay dated August 5, 2004. Metals were detected in all surface and subsurface soil samples. Eleven metals were reported at detections above NYSDEC Recommended Soil Clean-up Objectives (RSCOs) as listed in NYSDEC TAGM 4046. Metals exceeding RSCOs included arsenic, barium, cadmium, chromium, copper, iron, lead, magnesium, mercury, nickel, and zinc. Thirteen metals were found in subsurface soil samples at concentrations that exceeded NYSDEC RSCOs- arsenic, barium, cadmium, calcium, chromium, copper, iron, lead, magnesium, mercury, nickel, selenium, and zinc.

Elevated concentrations of copper, mercury, arsenic, zinc and lead were detected at multiple soil sample locations. Copper is a primary active component found in most antifouling boat bottom paints, and is the metal most often associated with contaminated marina sediments (Fields, 2003). Elevated levels of mercury may be related to previous marina activities involving boat paint. Mercury has been used as an anti-fouling agent in boat paints to reduce organism growth on the bottom of boats. Boat paint is known to also contain other metals such as copper, mercury, arsenic, or tributytin (TBT). Mercury also serves as the contact for float switches in bilge pumps, shower water storage tanks, and thermostats. One float switch can contain as much mercury as 100 fluorescent lamps. Arsenic is found in paint pigments as wells as in wood preservatives. Arsenic, chromium and copper leach from docks, pilings and other structures constructed of wood treated with chromated copper arsenate. Zinc anodes are used to deter corrosion of metal hulls and other metal boat parts that are exposed to seawater.

Four SVOCs -benzo (a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, and benzo (k) fluoanthene- were reported above their respective NYSDEC RSCOs in four surface soil samples. Five SVOCs (chrysene, benzo (a) anthracene, benzo (b) fluoranthene, benzo (k) fluoranthene, and benzo (a) pyrene) were detected above RSCOs in three subsurface samples. One VOC, acetone, was detected in three soil samples but at concentrations below its RSCO.

Laboratory analysis of groundwater samples reported detections of fifteen metals that exceeded NYSDEC Groundwater Standards or Guidance Values. These metals include arsenic, barium,

beryllium, cadmium, chromium, copper, iron, lead, magnesium, manganese, mercury, nickel, selenium, sodium, and zinc.

All groundwater samples were reported to have multiple detections of metals that exceeded standard values. Groundwater samples were collected directly from soil borings and were unfiltered, so the reported concentrations reflect metals associated with particulates as well as the dissolved fraction.

No SVOCs were detected in the groundwater samples. Acetone was the only VOC detected in groundwater but at concentrations below the New York State Groundwater Standard.
Cashin recommended "additional sampling could be needed to further define the extent of contamination by metals and SVOCs at the site, and to define the scope of needed remedial activities."

Additional Investigation and Sampling-2005

Mr. Weisman retained Berninger Environmental Inc. (BEI) in 2005 to further evaluate the presence of metals in soils relative to the historic use of the subject property as a marina and boat yard.

Twelve soil borings were drilled by BEI across the site using decontaminated manually operated, stainless steel sampling probes. Soil samples were collected on a nominal-continuous basis until groundwater was encountered (ranging in depth between six inches and 3 feet below grade). Groundwater was generally deeper at the southwestern portion of the property (approximately 2.5 to 3 feet below grade) and even shallower at the eastern and northern portions of the subject property. It should be noted that during sampling activities, the local tide level was low indicating that the water table underlying the subject property was similarly "low" and is expected to be shallower during higher tides.

Soil samples were screened for visual and olfactory evidence of contamination. Fill was encountered in all borings to depths ranging from six inches to greater than 2.5 feet. Fill material observed within soil borings included, but was not limited to brick, concrete, glass, metal, etc. Thicker fill material was observed at the northwestern portion of the property extending into groundwater and was consistently observed to the depth of the borings (2.5 feet below grade).

Soil samples were collected in depth intervals from 0 to 3 inches; 6 inches to 1 foot; and 1 to 1.5 feet and all samples were analyzed for the NYSDEC Target Analyte List (TAL) metals.

The results are summarized in a BEI letter report to Mr. Weisman dated November 2, 2005. With the exception of two locations at the southwestern and central western portions of the property, metals were detected in shallow soil samples at concentrations exceeding their applicable RSCOs.

Analysis of deeper soil samples indicated metal concentrations exceeded RSCOs to depths up to 2.5 feet in certain borings especially in the eastern and northwestern portions of the property.

SAMPLING APPROACH

The purpose of these proposed characterization and sampling activities is to determine the extent and volume of metal contaminated soil to be excavated and removed. Previous investigations and data can be used; however, it is not clear where the exact sampling points were. Therefore, additional samples need to be collected at precise locations clearly marked in the field. It is proposed that the sampling be conducted on a lot by lot basis.

The soil containing elevated concentrations of metals is artificial fill derived from the former marina. This layer of fill is visually obvious due the presence of artificially derived debris such as concrete, brick, metal, and wood fragments. The fill is underlain by naturally occurring tidal marsh and channel deposits. The contact between the loose fill containing marina debris/contamination and the underlying native soils is obvious. Previous measurements at the site indicate the fill varies in thickness from a featheredge to three feet throughout the site.

It has been documented that the site soils also contain arsenic, copper, chromium and zinc at elevated concentrations. To address this concern, the eight RCRA metals plus copper and zinc (total ten metals) will be analyzed for in all soil samples collected during this investigation. Extra sample bottles will be filled and retained in the laboratory pending the results of the RCRA metals analyses. TCLP lead analysis would be performed on several samples that contain over 650-ppm lead or any other metal with a similarly elevated concentration.

This sampling plan is intended to document the procedural and analytical requirements for this and any subsequent sampling events performed to collect soil samples and to characterize areas of potential contamination from the former Mill Bay Marina. The individual elements of this plan were compiled after reviewing the draft NYSDEC DER-10 Technical Guidance for Site Investigation and remediation dated December 2002.

SAMPLING METHODOLOGY

Discrete sampling will be used to assess the metal contaminated soils, underlying soils and surrounding soils. The sampling will be conducted by using a systematic sampling protocol on a per lot basis at the locations shown on Figure 2. Authoritative protocol may be used at each grid location allowing the senior and experienced sampler the flexibility to move sampling locations, as necessary, to accommodate unforeseen field conditions.

The following outline describes the proposed sampling:

Sampling Locations-

Samples of surface soil or fill (less than six inches deep) and subsurface soils/fill will be collected as shown in Figure 3 (Sampling Locations). A total of 38 locations will be sampled. Locations were selected on per lot basis focusing on areas visually identified as containing a significant thickness of artificial fill as well as from metals data collected during previous investigations.

A visual inspection for surface waste remnants (broken glass, cans or other debris) will be performed to confirm the areas to be sampled. Trenching will be performed at surface sampling locations to determine if subsurface waste is present. Samples of subsurface soils will be taken based on presence and extent of fill material.

Sample collection-

Each sample will be collected using either decontaminated or designated sampling equipment. Samples will collected into disposable buckets using either decontaminated stainless steel or disposable trowels, homogenized, and then transferred into laboratory-supplied containers. Reusable sampling equipment will be decontaminated between each sampling event. Decontamination will follow the procedures outlined below. Personnel who collect samples will be required to change their gloves between each sampling event.

The following equipment may be necessary to perform the sampling

• Disposable or stainless steel (SS) trowels	• Field log book
• Sealable plastic bags	• Survey lath
• One auger with extensions to reach 5 feet	• First aid kit and eye wash
• Five gallons of deionized/distilled water	• Mailing labels and markers
• 500 mL of 0.1 N nitric acid in a spray bottle	• Cooler and ice or blue ice
• Chain of custody forms and custody seals	• Packing and duct tape
• Health and safety equipment (Tyvex, tape, respirator with HEPA filter)	• Eight-ounce wide mouth glass jars
	• One SS or disposable mixing bowl (s)
Decontamination equipment (2 ½ gallon sprayer, non-phosphate detergent, disposable brush, paper towels, cotton towels, polyethylene sheeting)	

Surface soil samples-

Surface soil samples will be collected at each of the 38 designated locations using either decontaminated or disposable trowels. At each location, soil will be collected within the upper six inches of the apparent ground surface, approximately half the depth of the boring (or authoritative as noted in field notes). To minimize the possibility of cross contamination, soil samples will first be collected in the lots expected to be the least contaminated, proceeding last to areas of suspected or known significant contamination.

Deeper soil samples-

Subsurface sampling in the native soil beneath the fill will not begin until all surface samples are collected. The deeper sampling will focus on areas where the artificial fill is thickest and the documented metals concentrations are highest. A stainless steel hand auger will be used. It is anticipated that ten deeper samples will be collected for analysis for the ten metals.

Subsurface samples will be collected using decontaminated stainless steel or disposable trowels. Upon completion of sampling at a location, the boring will be filled with spoils and compacted.

Sample containers-

After each sample is collected it will be placed in a laboratory-supplied container, labeled, logged on the chain-of-custody document, sealed, and stored in an ice chest that is cooled to 4 degrees Fahrenheit.

At the completion of sampling activities, JRH will deliver the selected samples to a NYSDOH-certified hazardous waste laboratory for analyses using strict chain-of-custody protocols. All samples will be analyzed for the eight RCRA metals plus copper and zinc.

Extra sample bottles will be filled and retained in the laboratory pending the results of the RCRA metals analyses. TCLP analysis would be performed on samples that contain over 650-ppm lead or another metal with a similarly elevated concentration. A minimum of six TCLP analysis will be performed.

Although sampling locations are proposed as shown on Figure 3, exact soil sampling locations will be determined in the field based on accessibility and the presence of unforeseen impedances or other factors. Final soil sample locations will be recorded in the field logbook and staked in the field when sampling is completed. Each sample location will be recorded on the final site map. The map will be provided in the final report.

Decontamination

All equipment that comes into contact with potentially contaminated soil will be decontaminated in a pre- designated area. Disposable equipment intended for one-time use will not be decontaminated, but will be packaged for appropriate disposal. Decontamination will occur prior

to and after each use of a piece of equipment. All sampling devices used, including trowels and augers, will be decontaminated by JRH staff.

The following decontamination procedures for primary contaminant, inorganic (metals):

1. Non-phosphate detergent and tap-water (bottled water) wash, using a brush if necessary
2. Tap-water rinse
3. 0.1 N nitric acid rinse
4. Deionized/distilled water rinse- twice

Pre-cleaned containers will be supplied by the laboratory and will not be rinsed prior to sample collection. No preservative will be added to the containers.

Analytical Methods

Analytical methods will follow standard U.S. Environmental Protection Agency (EPA) procedures as outlined in Test Methods for Evaluating Solid Wastes - Physical/Chemical Methods (SW-846) as updated.

The analytical instrument methods expected for use during this project are as follows:

Parameter	**Instrument Method Summary Soil**
RCRA metals	EPA 6010B
TCLP Lead	EPA 1311 /6010B
Copper/Zinc	EPA 6010B

LABORATORY QUALITY CONTROL

The analytical laboratory will perform Quality Control (QC). The QC will include project specific QC, method blank results, laboratory control spike, and matrix spike results.

1. Project Specific QC – No project specific QC has been requested by the NYSDEC.
2. Method Blank Results – A method blank is a laboratory-generated sample that assesses the degree to which laboratory. The method blank results associated with the samples will be included with the analytical results.
3. Laboratory Control Spike – A Laboratory Control Spike (LCS) is a sample that is spiked with known analyte concentrations, and analyzed at approximately 10 percent of the sample load in order to establish method-specific control limits. The LCS results associate with the samples will be attached on the LCS and LCS Duplicated Analysis Report.
4. Matrix Spike Results – A matrix spike is a sample that is spiked with known analyte concentrations and analyzed at approximately 10 percent of the sample load in order to establish method-specific control limits. The matrix spike results associated with the

samples will be attached on the Matrix Spike and Matrix Spike Duplicate Analysis Report.

5. Accuracy – Accuracy will be measured by percent recovery as defined by:

$$\% \text{ recovery} = \frac{(\text{measured concentration}) \times 100}{(\text{Actual concentration})}$$

DOCUMENTATION AND REPORTING

Field Notes-

A field logbook will be used to document the vital project and sample information. At a minimum, the following sample information will be recorded:

- Sample location and description
- Site or sample area sketch showing sample location and measured distances
- Sampler's name(s)
- Date and time of sample collection
- Designation of sample as composite or grab
- Type of sample (soil, sediment or water)
- Type of sampling equipment used
- Field instrument reading, if applicable
- Field observations and details related to analysis or integrity of samples (e.g., weather conditions, noticeable odors, colors, etc.)
- Preliminary sample descriptions
- Sample preservation
- Sample identification numbers and explanatory code
- Name of recipient laboratory

In addition to the sampling information, the following specific information will also be recorded in the logbook:

- Team members and their responsibilities
- Time of arrival and departure
- Deviations from the sampling plan
- Level of health and safety protection

Photographs

Photographs will be taken at the sampling location and at surrounding areas. The photos will verify information entered in the field logbook. Each photo taken will be written in the logbook with the approximate time, date, and location.

Labeling

All samples collected will be labeled in a clear and precise way for proper identification for tracking in the laboratory. Each sample will reference the sample date, the type of sample (S – surface; B – subsurface), and the sample point identification as shown on the pin flag.

Chain-of-Custody

A chain-of-custody record will accompany all sample shipments. Shipped samples will have a custody seal placed across the lid of each sample container. All custody seals will be signed and dated.

Packaging and Shipment

All sample containers will be placed in a strong-outside shipping container and will have the drain plug sealed, if applicable, to prevent melted ice from leaking out of the cooler. If ice is used to cool the samples, the ice will be packed in a double zip-lock bag. Special care will be provided to secure and prevent damage to the sample containers.

Data Validation

Data obtained from the soil sampling will be validated on an expedited basis. Validation is the process by which specific criteria are applied to samples and laboratory measurements by a third-party data validator to determine if the data are unqualified, qualified, or rejected. Data will also be reviewed to check for errors and that all data meet a qualitative standard of reasonableness. Following validation, analytical data will be tabulated using electronic spreadsheets.

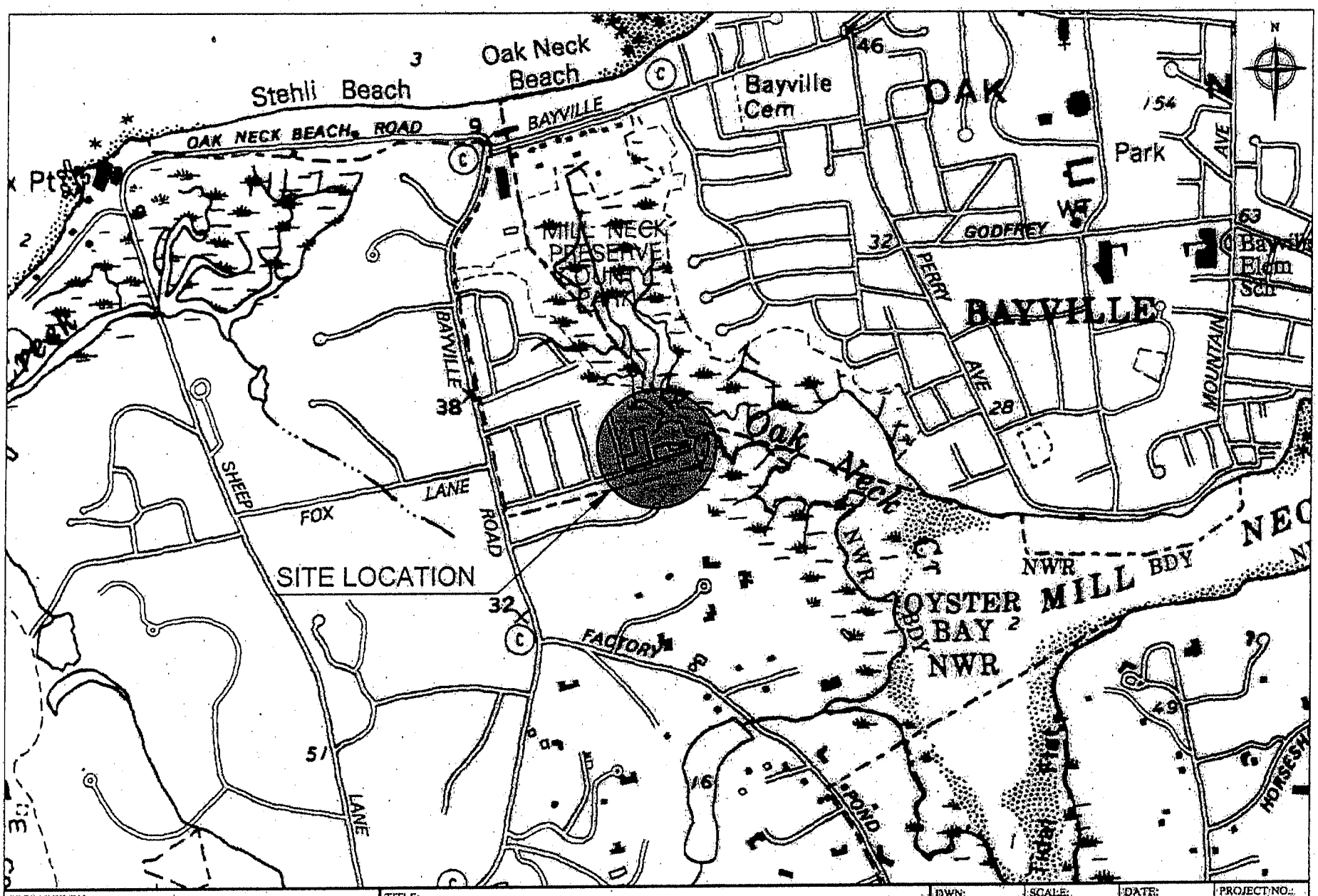
A data report of the soil sampling analytical results will be developed for regulatory submittal upon receipt of validated results

Reporting

Within eight weeks of receipt of all soils analytical data, a site characterization report will be prepared. The content of this report will follow the guidance outlined in the December 2002 Draft DER-10 Technical Guidance for Site Investigation and Remediation. This report will contain maps and tables that will clearly identify and delineate the extent of contaminated soils and provide the locations and volumes of soil to be removed during the remediation. Text, figures, maps and data will be submitted in both paper and electronic formats.

Once the report is accepted by the NYSDEC a Remedial Action (RA) work plan will be prepared using Draft DER-10 as an outline. The RA work plan will include a detailed description of the soil remediation, monitoring plans during remediation, a health and safety plan, a cost estimate, a schedule, a description of institutional controls to be implemented and an OM&M plan. All plans will be reviewed and stamped by a JRH professional engineer licensed in the State of New York.

Figures



PREPARED BY:
J.R. HOLZMACHER P.E., LLC
The Third Generation of Excellence
In Water Supply, Water Resources,
Civil and Environmental Engineering
300 WHEELER ROAD
SUITE 402
HAUPPAUGE, NEW YORK 11788
PHONE # (631) 234-2220
FAX # (631) 234-2221
E-MAIL: info@holzmacher.com

TITLE:

LOCATION MAP

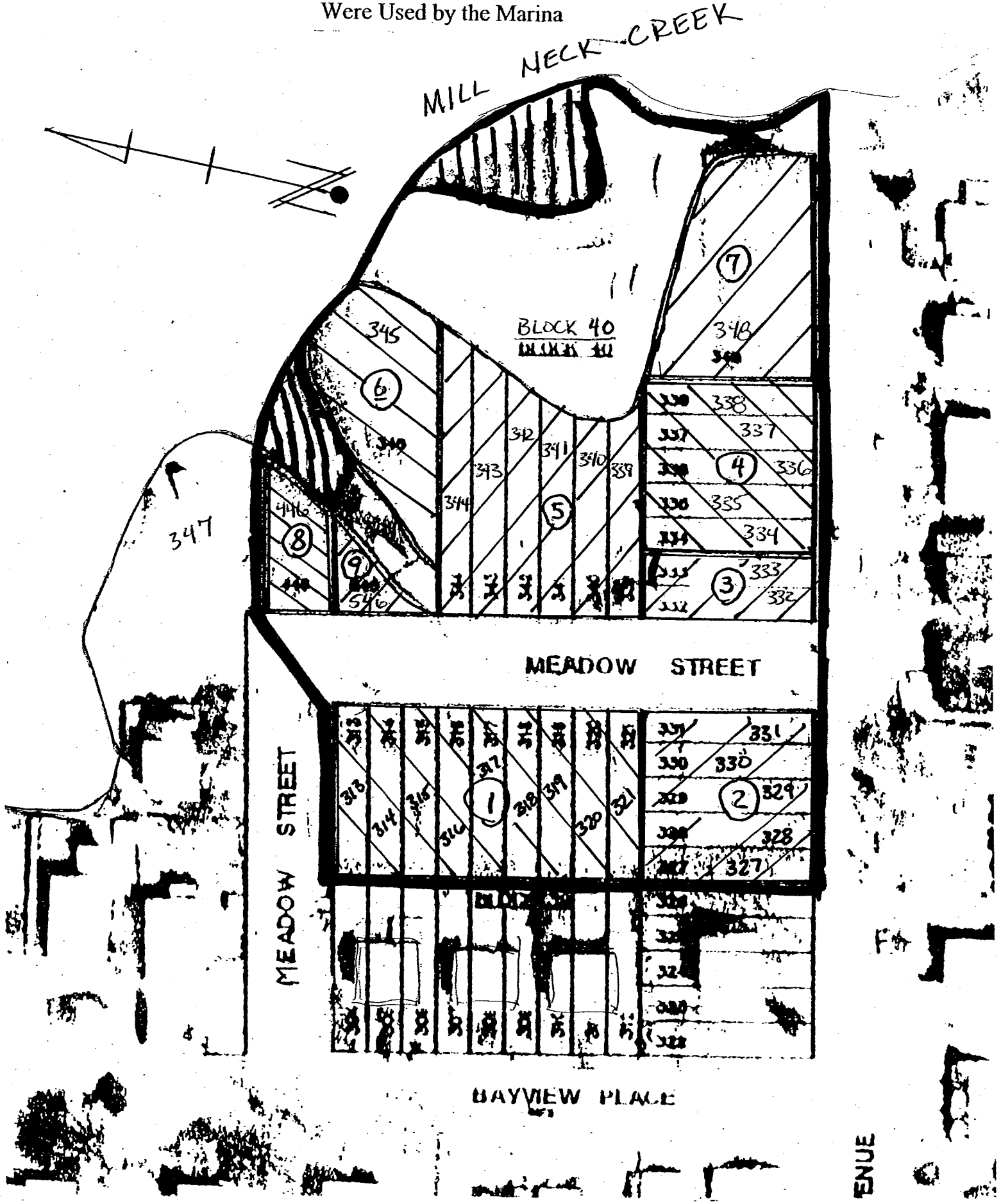
Former Mill Bay Marina
Locust Valley, NY 11560

DWN:	SCALE:	DATE:	PROJECT NO.:
HS	1" = 1000'	10/3/08	Weism 08-02
CHKD:	APPD:	REV.:	NOTES:
JMD			-
FIGURE NO.:	1		

Former Mill Neck Marina

FIGURE 2

Nine Parcels of Property that Were Used by the Marina



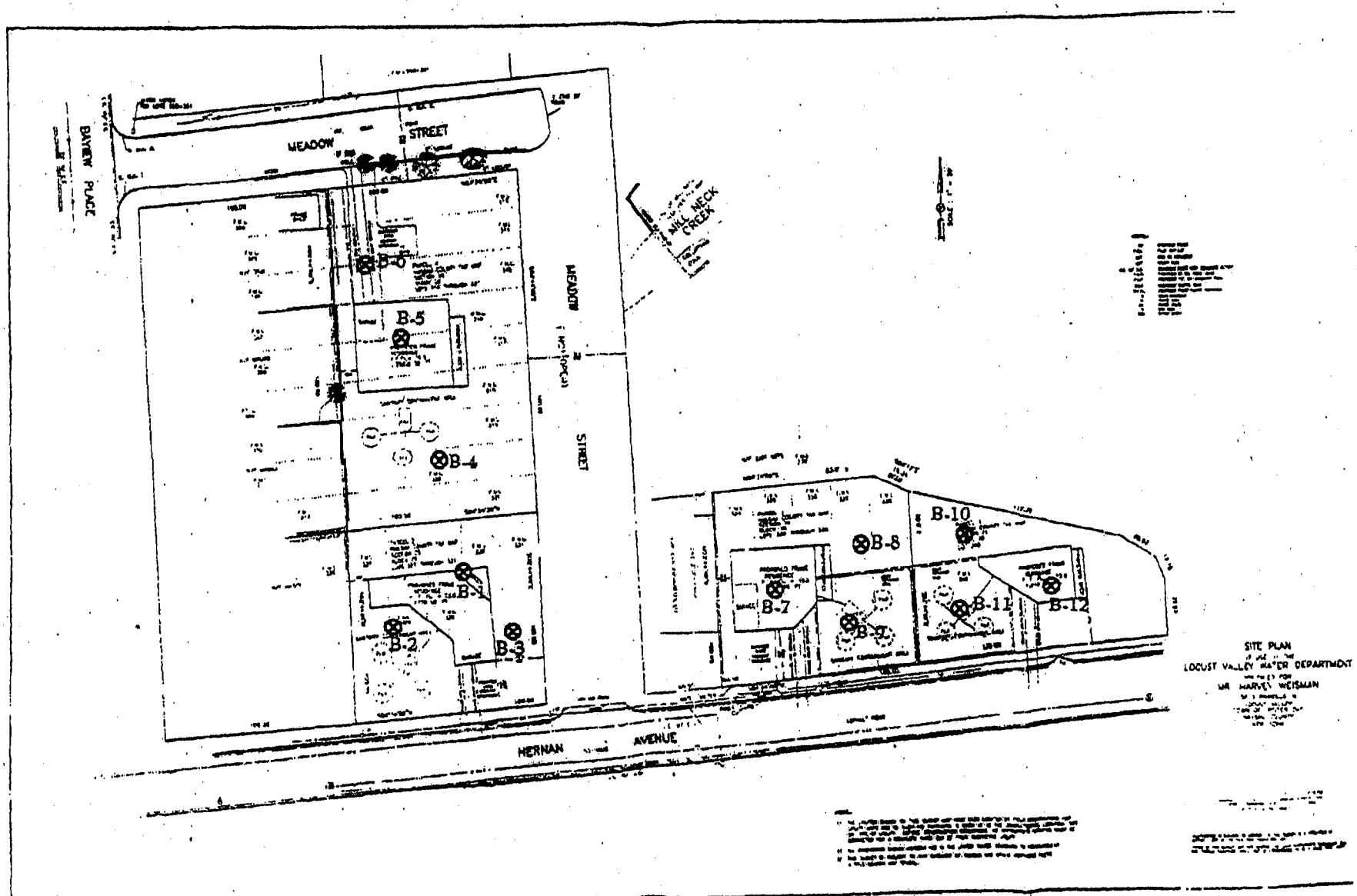


Figure 3- Sampling Locations	Hernan Avenue Locust Valley, New York	Berninger Environmental, Inc. 90 Knickerbocker Avenue Bohemia, New York 11716

HERNAN AVENUE
MEADOW STREET
(NOT OPEN)
MEADOW
B-1
B-2
B-3
B-4
B-5
B-6
B-7
B-8
B-9
B-10
B-12
SCALE : 1" = 20'

Cashin Associates, P.C.

FIGURE 5
TOWN OF OYSTER BAY
MILL NECK MARINA

GROUNDWATER
SAMPLE LOCATIONS
JUNE 2004

Cashin Associates, PC

FIGURE 4
TOWN OF OYSTER BAY
MILL NECK MARINA

SURFACE SOIL
SAMPLE LOCATIONS
JUNE 2004

Standby Contract Work Assignment
Type of Contract: RI/FS Cost Plus Fixed Fee
Project: RI/FS at Mill Neck Marina (Site No.:1-30-166)
Town of Oyster Bay, Nassau, New York
NYSDEC Project Manager: Kuldeep Gupta
Phone: (518) 402-9620

SITE LOCATION AND DESCRIPTION:

General/Location

The former Mill Neck Marina is located on the north side of Hernan Avenue, at its easterly terminus at Oak Neck Creek (a tributary of Mill Neck Creek), in the Locust Valley community in the Town of Oyster Bay (see Figure). The subject property covers a total of approximately 1.4 acres of land, which is presently vacant, and comprises a total of 23 individual tax lots (Figure) on the Nassau County Land and Tax Map. The attached aerial photograph and lot map indicate the area of interest for this investigation.

The Site was a marina from at least as far back as the 1950's until abandonment in 2001. The marina reportedly contained boat storage and maintenance areas, gasoline storage and dispensing facilities. The Town of Oyster Bay is considering acquisition of the former marina site for future use as a passive park, perhaps with some active wetlands restoration to enhance its habitat values.

Remedial History/Back ground

In 2002, Cashin Associates, PC (CA), conducted a Phase 1 Environmental review for many of the parcels that comprise the site. Review of the historical data for the past 50 years revealed that the subject property had been occupied by a marina and activities on the site continued until abandoned in 2001. Subsequent to abandonment, the building and stored boats on the site were removed and the site is now vacant. During previous investigation, site history was determined based on review of historical aerial photographs; interviews with Mr. Harvey Weisman, owner of most of the subject property and review of information in the files of the Town of Oyster Bay Building Division. The study suggested that the previous site use relating to boat maintenance and storage may have had impacts on the site. However no pertinent data or documents were uncovered that could bear on this question. Limited sampling data provided by the owner suggested that some impacts might be discovered on the site, but the documentation associated with the sampling data was not rigorous enough to allow for quantitative use of the information.

Based on the review by Cashin Associates of historical photographs the subject property appears to have been developed sometime before 1953with a large commercial building and was used for the outdoor storage of boats. The property was expanded sometime between 1953 and 1966 and further modified between 1966 and 1976 with the excavation of an inlet area along Oak Neck

Appendix A

Creek. Following consultation with the Nassau County Department of Health (NCDH), the locations of some specific structures often related to contaminant presence were sought for. Information sought from NCDH related to the septic system (described by the site owner as having been removed under NCDH supervision in 2001-2002 in association with building demolition) and UST (reportedly removed in the 1970s). The Nassau County Fire marshal's office was contacted and records there were searched in an effort to find the location of the former gasoline islands. No relevant information was uncovered in NCDH files.

The Purpose of the Cashin investigation in 2004 is to determine the presence, if any, of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals in soil and groundwater at selected locations at the site. A sampling plan was prepared and presented to the Nassau County Department of Health (NCDH) for approval on March 24, 2004. Soil and Groundwater sampling was conducted on May 3rd and 4th, 2004 BY Cashin Associates Environmental personal.

In an effort to select the sampling locations, an approximate 100' x 100' grid was laid down over the general area of interest on the areal map. A total of 16 locations were identified to be sampled. Thirty soil samples and five groundwater samples were collected and analyzed by an ELAP-certified testing laboratory (H2M Labs, Inc., Melville, NY). Some locations within the sampling grid were not sampled because they were outside parcels being considered for acquisition by the town.
There is no history of removal or Remediation on the Mill Neck Marina cleaning property

Site Geology and Hydrogeology

PROPOSED SITE ACTIVITIES INCLUDED WITHIN THIS WORK ASSIGNMENT

SOIL Sampling

J.R. Holzmacher P.E.LLC (JRH), one of previous the consultants proposed characterization and sampling activities to determine the extent and volume of metal contaminated soil to be excavated and removed. Previous investigations and data can be used; however, it is not clear where the exact sampling points were. Therefore, additional samples need to be collected at precise locations marked in the field. It is proposed that the sampling be conducted on a lot by lot basis.

The soil containing elevated concentrations of metals is artificial fill derived from the former marina. This layer of fill is visually obvious due the presence of artificially derived debris such as concrete, brick, metal, and wood fragments. The fill is underlain by naturally occurring tidal marsh and channel deposits. The contact between the loose fill containing marina debris/contamination and the underlying native soils is obvious. Previous measurements at the site indicate the fill varies in thickness from a featheredge to three feet throughout the site.

It has been documented that the site soils also contain arsenic, copper, chromium and zinc at elevated concentrations. To address this concern, the eight RCRA metals plus copper and zinc (total ten metals) using EPA method 7000 will be analyzed for in all soil samples collected during this investigation. The EPA method 7000 samples for all the site- related detected metal compounds and should report results that include : As,Pb,Zn,Ni,Cu,Cr,Cd as well as run the EPA method 7471B for mercury (organic, inorganic and total mercury species) Historical sampling data supports a full run of the heavy metals known to have exceeded SCOs. Extra sample bottles will be filled and retained in the laboratory pending the results of the RCRA metals analyses. TCLP lead analysis would be performed on several samples that contain over 650-ppm lead or any other metal with a similarly elevated concentration.

This sampling plan is intended to document the procedural and analytical requirements for this and any subsequent sampling events performed to collect soil samples and to characterize areas of potential contamination from the former Mill Bay Marina. The individual elements of this plan were compiled after reviewing the NYSDEC DER10 Technical Guidance for Site Investigation and Remediation.

SAMPLING METHODOLOGY

Discrete sampling will be used to assess the metal contaminated soils, underlying soils and surrounding Soils. The sampling will be conducted by using a systematic sampling protocol on a per lot basis at the locations needed. Authoritative protocol may be used at each grid location allowing the senior and experienced sampler the flexibility to move sampling locations, as necessary, to accommodate unforeseen field conditions.
The proposed outline describes the proposed sampling

The surface soils should be collected from the 0-2" interval below the vegetative cover to assess for public health exposures, as per DER-10Section 3.5.2(c).The need for an ecological assessment should be evaluated per Section 3.10.1as the elevated levels of mercury in the soils and groundwater may present an ecological threat to fish and wildlife, as well as a public health threat if fish or shellfish consumption occurs from species caught in the adjacent waters. At this time , without a determination that the site will be reused for residential and gardening purposes, the soil sampling work plan should assess dermal contact exposures. If future use of the site may include gardening purposes, an assessment of the 0-6" soil layer may also be included, but would be evaluated for ingestion exposures and not for direct contact.

A total of 15 locations or more will be sampled which require horizontal and vertical delineation. Use Global Positioning System (GPS) to locate in the future to code sample locations accurately. Locations were selected on per lot basis focusing on areas visually identified as containing a significant thickness of artificial fill as well as from metals data collected during previous investigation. A visual inspection for surface waste remnants (Broken glass, cans or other debris) will be performed to confirm the areas to be sampled. Trenching (with a shovel or backhoe) will

be performed at surface sampling locations to determine if subsurface waste is present. Samples of subsurface soils will be taken based on presence and extent of fill material.

Use of an ambient air mercury detector as the elevated levels of mercury and lead indicate these compounds should be included in a site-specific CAMP. As mercury is a volatile metal compound, use of an air monitor specific to mercury is recommended for both a CAMP based on the proximity of residential homes to the SS-A5 hot spot and for the HASP. As the species of mercury is not known, but could present significant dermal contact health threats, review of the literature for appropriate gloves for site personnel is highly recommended in the HASP. Organic mercury can easily pass through the skin barrier and latex gloves, presenting health concerns at low concentrations. Additionally, as lead is present in the surficial soil at significant levels (3,710 ppm), any invasive work that could resuspend dust particulates should be addressed in a CAMP using an action level of 50 ppm. Inorganic mercury, in an anaerobic environment, is transformed into organic mercury species which can dissolve in to groundwater and is bioaccumlated into wildlife and fish species. The site is located at a wetland where these conditions are likely to exist. It is not known if organomercurials were used in the former commercial structure where SS-A5 was collected. Sample SS-A5 detected up to 183 ppm mercury (Total) but it is not known if this represents the "worst-case" concentration for the site. Proper PPE should consider the hazards of organomercurials (used as antibacterial agents in paints) in this investigation.
A Remedial investigation work Plan should be presented with specific sampling location once a full historic review of past sample data is completed.
In Nassau County, realty subdivisions consisting of five (5) units or more must be approved by the Nassau County Dept of Health prior to site development, but here it is assumed as one plot property.

Reporting

Within eight weeks of receipt of all analytical data, a Remedial Investigation (RI) report will be prepared. The content of this report will follow the guidance outlined in the DER-IO Technical Guidance for Site Investigation and Remediation. This report will contain maps and tables that will clearly identify and delineate the extent contaminated soils and provide the locations and volumes of soil to be considered for removal. In addition to delineating the impacted surface soil areas, the RI report should provide a map that defines the type of land use adjacent to the site (i.e. nature preserve, residential, etc.) and discuss the presence or absence of fencing or other barriers along the site boundary so the health agencies can evaluate the potential for public health exposures. A Qualitative Human Health Exposure Assessment should be included in the RI report.
Upon receipt of the state comments, the consultant shall revise the draft report and print the requested number of final copies indicated in the comment letter. One copy of the final report; text, tables, maps, photos, etc., will be submitted as a single pdf file, which is "bookmarked". All electronic files should be submitted to NYSDEC on a compact disc. The site investigation data shall be submitted in the most recent version of the NYSDEC Electronic Data Deliverable

(EDD) with the final report submission. Currently this is the USEPA Region 2 EDD dated December 2003.
Once the.RI report is accepted by the NYSDEC a Feasibility study report will be prepared using DER-10 as an outline. The FS will include a detailed description of the remedial alternatives. The FS will be reviewed and stamped by a professional engineer licensed in the State of New York.

Groundwater Sampling

Groundwater samples shall be collected from existing well locations 4 (approximately locations, if located). The depth to water in the monitoring wells shall be gauged to provide information on groundwater flow in the vicinity of the site. Based on field measurements and an established survey datum, a groundwater flow contour map shall be provided by the consultant for each sampling event. The consultant evaluate the past groundwater sample locations in the Cashin Associates reports prior to installing the new geoprobe points and depth may varies 10 to 15 feet with applicable 5 feet screen. Please use if permanent groundwater monitoring wells exist on site. Groundwater samples shall also be collected from nine temporary points (hydro punch or temporary well). Groundwater samples for metals should be filtered and unfiltered and use applicable determinative methods and especially for Mercury Method 7470 A. The RI phase should evaluate the groundwater for the full Priority Pollutant Scan.

Monitoring wells shall be purged a minimum of nine well volumes and achieve a turbidity below 50 NTUs via NYSDEC approved methods (in low yield wells, the sample may be collected after well recharges if purged dry). Grab samples shall be obtained from the temporary points. The groundwater samples will be collected either by a dedicated bailer or an alternative method approved by NYSDEC. Samples shall be analyzed for VOCs.

SEDIMENT and SEEP Investigation

In an effort to identify and assess potential waste related environmental impacts on the adjacent Mill Neck Creek, it is proposed that Sediment samples be collected from two (2) depth intervals (12-inches and 24-inches) and (1) up gradient and three (3) down gradient at least and total 11 locations shown in Figure 1 or more as needed with in creek adjoining the property.
The sediments and water should be sampled for priority pollutant compounds in this RI phase (See Table 1). As part of the investigation a search for known contamination will be completed. Liquid seep or sediment from such locations will be sampled in order to determine the nature and extent of contamination with in creek sediment.

Decontamination Procedures

All non-dedicated equipment and tools used to collect samples for chemical analysis will be decontaminated prior to and between each sample interval using an alcohol rinse and potable water rinse prior to reuse. Additional cleaning of the equipment with steam may be needed under some circumstances. Decontamination fluids will be discharged to the ground surface unless a visible sheen or odor is detected either on the equipment or the fluids, at which point the decontamination water will be staged in an appropriate container and disposed of appropriately.

Mapping/Surveying

The Consultant will develop a site plan utilizing recent aerial photography depicting general site features (i.e. buildings, roadways, utility poles, fences, etc.) within the vicinity of the site. The locations of all sample points and monitoring wells shall be surveyed and overlaid on the site plan. The horizontal positions should be tied in to the North American Datum 1983 and UTM Zone 18N coordinate system. The vertical positions should be tied to the North American Vertical Datum 1988. The measuring point associated with the monitoring wells will be recorded to an accuracy level of 0.01 foot vertically.

TABLE 1

Sample Summary

Task	TCLP	VOC	SVOC	Pesticide	PCB	Metals	General Chemistry
Task							
Soil	16	16	16	5	5	16	
Water		13	13			13	
Air							
Soil vapor Task		1	1				
Sediment	11	11	11		11	11	
QA/QC							
Characterization	1	1	1	1	1	1	1
Trip Blanks		2					
Field Blanks		1					
Duplicates		4					

Notes:

1. All samples shall be analyzed by an ELAP certified laboratory.
2. Analytical data shall be reported by the laboratory in a NYSDEC Analytical Services Protocol Category B data deliverable format.
3. Soil samples shall be analyzed for Toxicity Characteristic Leaching Procedure (TCLP) by EPA method 1311, volatile organic compounds (VOC) by EPA method 8021B, semi-volatile organic compounds (SVOC) by EPA method 8270C, Pesticide by EPA method 8081A, Polychlorinated biphenyls (PCB) by EPA method 8082, and metals by EPA method 7000.
4. General Chemistry for soil samples includes: ignitability by ASTM E 502-84, reactivity by EPA methods 9010 & 9030, corrosivity by EPA method 9040, and moisture content by ASTM D 2216.

Collection & Decontamination

Sample collection- Each sample will be collected using either decontaminated or designated sampling equipment. Samples will be collected into disposable buckets using either decontaminated stainless steel or disposable trowels, homogenized, air dried then transferred into laboratory-supplied containers. Reusable sampling equipment will be decontaminated between each sampling event. Decontamination will follow the procedures outlined below. Personnel who collect samples will be required to change their gloves between each sampling event.

The following equipment may be necessary to perform the sampling

- Disposable or stainless steel (SS) trowels
- Field log book
- Sealable plastic bags
- Survey lath
- One auger with. Extensions to reach 5 feet
- First aid kit and eye wash
- Five gallons of deionized/distilled water
- Mailing labels and markers
- 500 mL of 0.1 N nitric acid in a spray bottle
- Cooler and ice or blue ice
- Chain of custody forms and custody seals

* Packing and duct tape

- Health and safety equipment (Tyvex, tape,
- Eight-ounce wide mouth glass jars respirator with HEPA filter)
- One SS or disposable mixing bowl (s)

Decontamination equipment (2 'lid gallon sprayer, non-phosphate detergent, disposable brush, pap.er towels, cotton towels, polyethylene sheeting)

Surface soil samples-

Surface soil samples will be collected at each of the 15 designated locations using either decontaminated or disposable trowels. At each location, soil will be collected within the upper six inches of the apparent ground surface, approximately half the depth of the boring (or authoritative as noted in field notes). To minimize the possibility of cross contamination, soil samples will first be collected in the lots expected to be the least contaminated, proceeding last to areas of suspected or known significant contamination.

-Deeper soil samples-

Subsurface sampling in the native soil beneath the fill will not begin until all surface samples are collected. The deeper sampling will focus on areas where the artificial fill is thickest and the documented metals concentrations are highest. A stainless steel hand auger will be used. It is anticipated that ten deeper samples will be collected for analysis for the ten metals.
Subsurface samples will be collected using decontaminated stainless steel of disposable trowels. Upon completion of sampling at a location, the boring will be filled with spoils and compacted.

Sample containers-

After each sample is collected it will be placed in a laboratory-supplied container, labeled, logged on the chain-of-custody document, sealed, and stored in a ice chest that is cooled to 4 degrees Fahrenheit. At the completion of sampling activities, Contractor will deliver the selected samples to a NYSDOH certified hazardous waste laboratory for analyses using strict chain-of-custody protocols. A sample will be analyzed for the eight RCRA metals plus copper and zinc. Extra sample bottles will be filled and retained in the laboratory pending the results of the RCRA metals analyses. TCLP analysis would be performed on samples to at contain over 650-ppm lead or another metal with a similarly elevated concentration. A minimum of six TCLP analysis will be performed. Although sampling locations are exact soil sampling locations will be determined in the field based on accessibility and the presence of unforeseen impedances or other factors. Final soil sample locations will be recorded in the field logbook and staked in the field when sampling is completed. Each sample location will be recorded on the final site map. The map will be provided in the final report.

Decontamination

All equipment that comes into contact with potentially contaminated soil will be decontaminated in a pre-designated area. Disposable equipment intended for one-time use will not be decontaminated, but will be packaged for appropriate disposal. Decontamination will occur prior to and after each use of a piece of equipment. All sampling devices used, including trowels and augers, will be decontaminated by Contractor staff.

The following decontamination procedures for primary contaminant, inorganic (metals):

1. Non-phosphate detergent and tap-water (bottled water) wash, using a brush if necessary
2. Tap-water rinse
3. 0.1 N nitric acid rinse
4. Deionized/distilled water rinse- twice

Pre-cleaned containers will. be supplied by the laboratory and will not be rinsed prior to sample collection. No preservative will be added to the containers.

Analytical Methods

Analytical methods will follow standard US Environmental Protection Agency (EPA) procedures as outlined in Test Methods for Evaluating Solid Wastes – Physical/Chemical Methods (SW-846) as updated.

The analytical instrument method expected for use during this project are as follows:
Parameter Instrument Method Summary Soil
RCRA metals EPA.6010B
TCLP Lead EPA 1311 /6010B'
Copper/Zinc EPA 6010B
Include VOC and SVOC analysis in both the soil and sediment samples.
Also PCB analysis.
Sediment samples should include total organic carbone using the Lloyed Kahn method.

LABORATORY QUALITY CONTROL

The analytical laboratory will perform Quality Control (QC). The QC will include project specific QC, method blank results, laboratory control spike, and matrix spike results.

1. Project Specific QC - No project specific QC is required.
2. Method Blank Results - A method blank is a laboratory-generated sample that assesses the degree to which laboratory. The method blank results associated with the samples will be included with the analytical results.
3. Laboratory Control Spike - A Laboratory Control Spike (LCS) is a sample that is spiked with known analyze concentrations, and analyzed at approximately 10 percent of the sample load in order to establish method-specific control limits. The LCS results associate with the samples will be attached on the LCS and LCS Duplicated Analysis report.
4. Matrix Spike Results - A matrix spike is a sample that is spiked with known analyze concentrations and analyzed at approximately 10 percent of the sample load in order to establish method-specific control limits. The matrix spike results associated with the samples will be attached on the Matrix Spike Duplicate Analysis Report.
5. Accuracy - Accuracy will be measured by percent recovery as defined by:

$$\% \text{ recovery} == \frac{(\text{measured concentration}) \times 100}{(\text{Actual concentration})}$$

Field Notes-

A field logbook will be used to document the vital project and sample information. At a minimum, the following sample information will be recorded:

- Sample location and description
- Site or sample area sketch showing sample location and measured distances
- Sampler's name(s)
- Date and time of sample collection
- Designation of sample as composite or grab
- Type of sample (soil, sediment or water)
- Type of sampling equipment used
- Field instrument reading, if applicable
- Field observations and details related to analysis or integrity of samples (e.g., weather conditions, noticeable odors, colors, etc.)
- Preliminary sample descriptions
- Sample preservation
- Sample identification numbers and explanatory code
- Name of recipient laboratory

In addition to the sampling information, the following specific information will also be recorded in the logbook:

- Team members and their responsibilities
- Time of arrival and departure
- Deviations from the sampling pin
- Level of health and safety protection

Photographs

Photographs will be taken at the sampling location and at surrounding areas. The photos will verify information entered in the field logbook. Each photo taken will be written in the logbook with the approximate time, date, and location.

Labeling

All samples collected will be labeled in a clear and precise way for proper identification for tracking in the laboratory. Each sample will reference the sample date, the type of sample (S surface; B - subsurface), and the sample point identification as shown on the pin flag.

Chain-of-Custody

A chain-of-custody record will accompany all sample shipments. Shipped samples will have a custody seal placed .across the lid of each. sample container. All custody seals will be signed and dated.

Packaging and Shipment

All sample containers will be placed in a strong-outside shipping container and will have the drain plug sealed, if applicable, to prevent melted ice from leaking out of the cooler. If ice is used to cool the samples, .the ice will be packed in a double zip-lock bag. Special care will be provided to secure and prevent damage to the sample containers.

Data Validation

Data obtained from the soil sampling will be validated on an expedited basis. Validation is the process by which specific criteria are applied to samples and laboratory measurements by a third party data validator to determine if the data are unqualified, qualified, or rejected. Data will also be reviewed to check for errors and that all data meet a qualitative standard of reasonableness. Following validation, analytical data will be tabulated using electronic spreadsheets.
A data report of the soil sampling analytical results will be developed for submittal to the DEC Project Manager upon receipt of validated results.

Appendix B

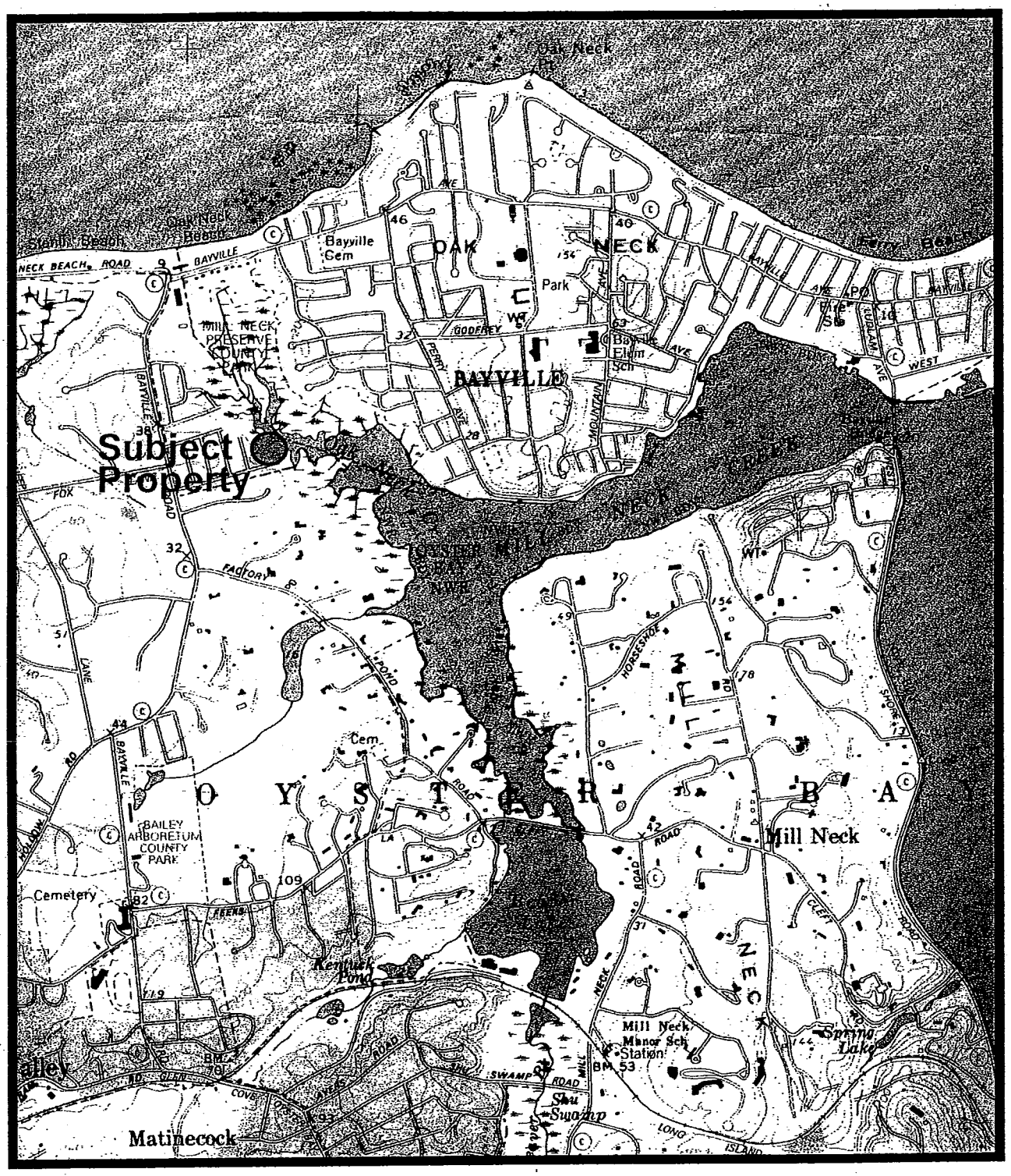


FIGURE 1

SITE LOCATION MAP

FORMER MILL NECK MARINA PROPERTY


130166 - Mill Neck Marina
Millford Dr
Bayville Rd
Fox Ln
Bear Ln
Walton Ave
Andrew Pl
Johnston St
George St
Bayview Pl
Michael F St
Allen Dr
Allen Rd
Davis Pl
Hickory Rd
Cherry Rd
Roosevelt St
Wildwood Ct
© 2010 Europa Technologies
Image © 2010 New York GIS
© 2010 Google
Image USDA Farm Service Agency
Google
Pointer 40°54'11.29" N 73°34'43.94" W elev 1 ft Streaming 100%
Eye alt 3381 ft

Appendix C