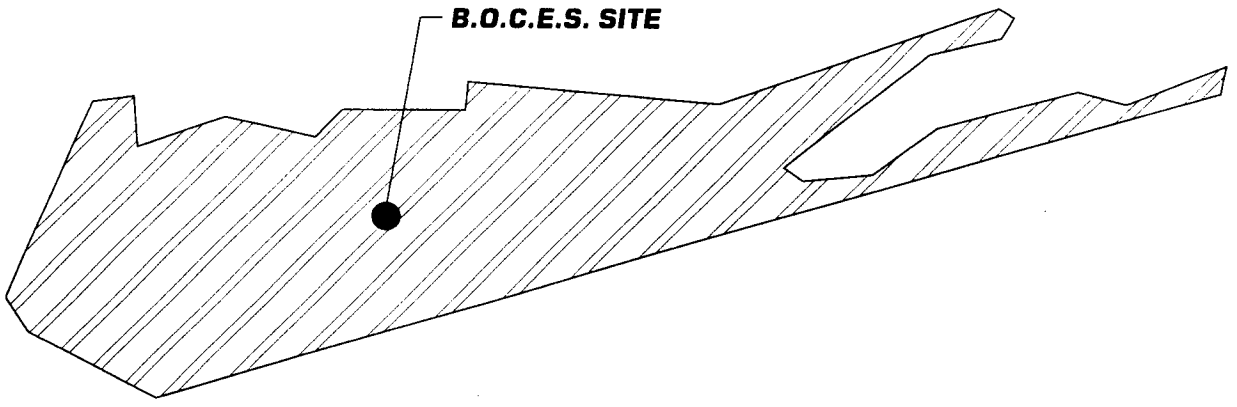
NORTHROP GRUMMAN

BETHPAGE FACILITY



PHASE II SITE ASSESSMENT
B.O.C.E.S. SITE

NORTHROP GRUMMAN CORPORATION
BETHPAGE, NEW YORK

Dvirka and Bartilucci
Consulting Engineers

FEBRUARY 1997

Dvirka and Bartilucci
CONSULTING ENGINEERS

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February 7, 1997

John Ohlmann, P.E.
Consultant for
Northrop Grumman Corporation
Mail Stop: D08-001
Bethpage, NY 11714-3582

Re: B.O.C.E.S. Site
Phase II Site Assessment
D&B No. 1167-W

Dear Mr. Ohlmann:

As requested, enclosed please find six (6) copies of the final Phase II Site Assessment for the B.O.C.E.S. Site.

If you have any questions and/or comments regarding this matter, please do not hesitate to contact Mr. David Glass or me at (516) 364-9892.

Very truly yours,

Richard M. Walka

Richard M. Walka
Vice President

RMW/de
Enclosure
cc: J. Cofman (GAC)
A. Postyn (GAC)
D. Glass (D&B)
♦1167\RMW97-05.LTR

PHASE II SITE ASSESSMENT

NORTHROP GRUMMAN CORPORATION

B.O.C.E.S. SITE

BETHPAGE, NEW YORK

PREPARED BY

DVIRKA AND BARTILUCCI

CONSULTING ENGINEERS

WOODBURY, NEW YORK

FEBRUARY 1997

PHASE II SITE ASSESSMENT
NORTHROP GRUMMAN CORPORATION
B.O.C.E.S. SITE
BETHPAGE, NEW YORK

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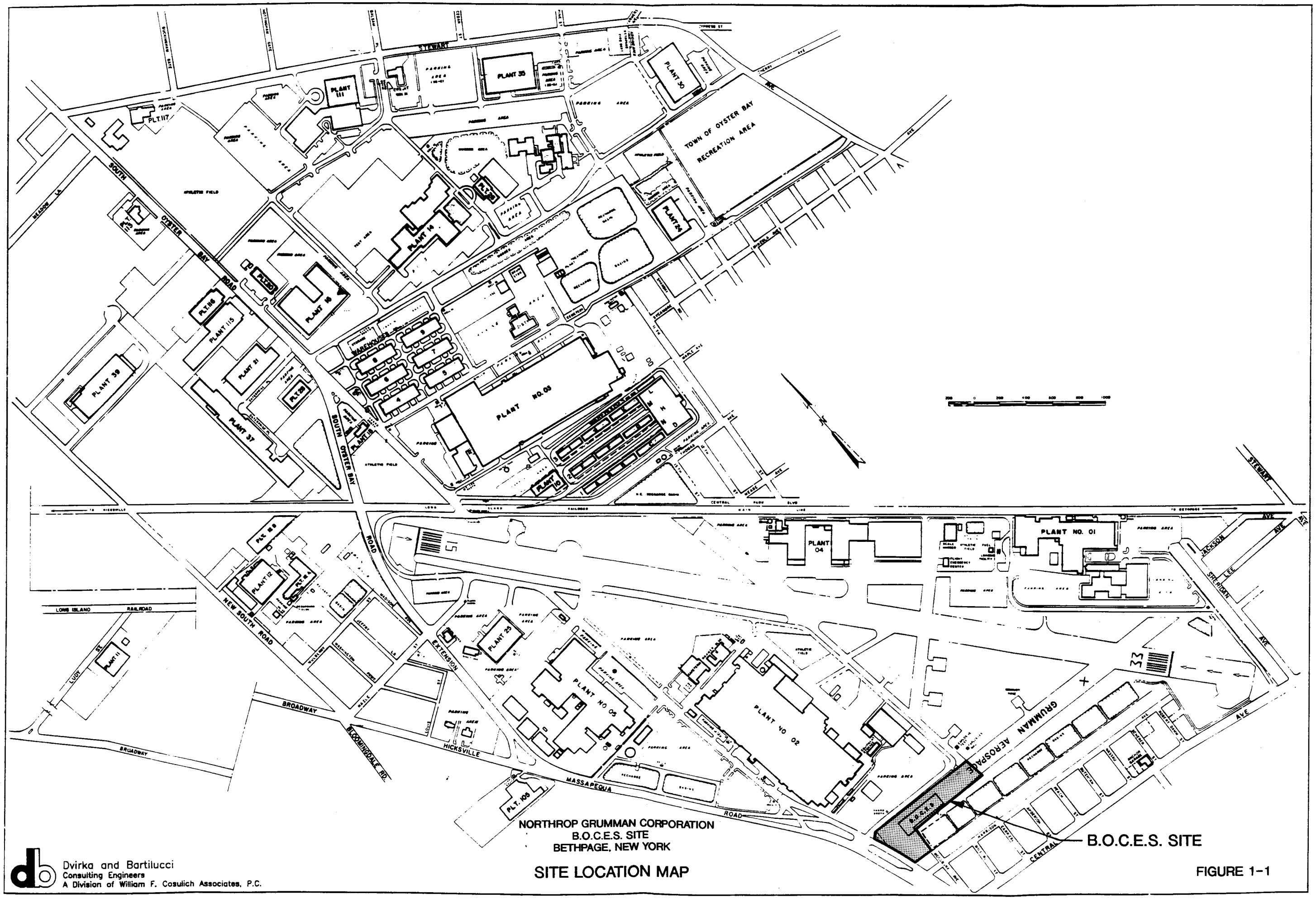
Section 1

1.0 INTRODUCTION

This report presents the findings of the Phase II Site Assessment undertaken at the Northrop Grumman Corporation (NGC) property known as the "B.O.C.E.S. Site" (Board of Cooperative Educational Services of Nassau County). The site is located at 610 Hicksville Road, Bethpage, New York (see Figure 1-1, Site Location Map). The entire site is zoned Industrial H and consists of approximately 4.5 acres. Surrounding property to the northwest, north and east is zoned industrial as well. Directly to the west, and south along Route 107/Hicksville Road, is an area of strip commercial zoning. Farther west is high density residential zoning. Directly south of the parcel are a series of recharge basins owned by NGC, and farther south is high density residential zoning. Strip commercial zoning is found along Central Avenue to the southeast. A site plan is provided on Figure 1-2.

The site (current Tax ID Number: Section 46, Block 323, Lot 201, 214, parts of 17J and 17G) is currently owned by NGC. Historically, the majority of the parcel was occupied by B.O.C.E.S. which utilized the property for vocational training. B.O.C.E.S. vacated the site in September 1996 and it is currently unoccupied. The balance of the site (the eastern-most portion) consists of the western terminus of the former south runway of the NGC Bethpage facility. The majority of the site is paved and/or occupied by the approximately 50,000 square foot building. The topography of the site is generally level. Ground elevation is approximately 110 feet above mean sea level, with depth to groundwater approximately 40 feet below grade. Storm drains are located in the paved areas and the direction of surface drainage varies with location.

The objective of the Phase II Site Assessment is to document the investigation activities undertaken in accordance with recommendations of the March 1996 Phase I Site Assessment prepared by Dvirka and Bartilucci Consulting Engineers, present the results obtained from the laboratory analysis of environmental samples, and provide an interpretation of analytical results with respect to appropriate environmental standards, guidance values and cleanup objectives. Section 2.0 of this document presents an overview of the findings, conclusions and



NORTHROP GRUMMAN CORPORATION
B.O.C.E.S. SITE
BETHPAGE, NEW YORK

SITE LOCATION MAP

FIGURE 1-1

Dvirka and Bartilucci
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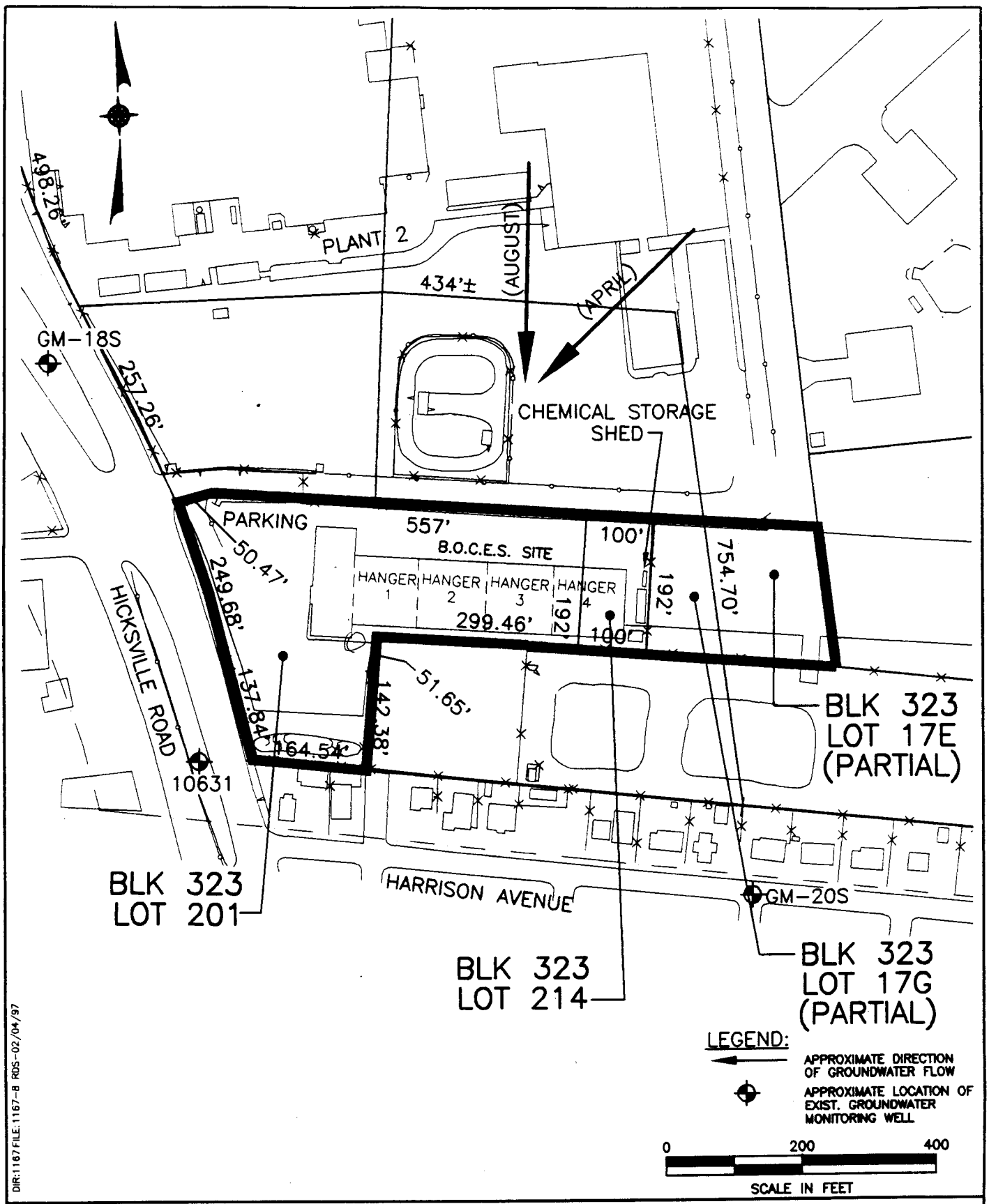

NORTHROP GRUMMAN CORPORATION
BETHPAGE FACILITY
B.O.C.E.S. SITE

SITE PLAN

Dvirka and Bartilucci
Consulting Engineers
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FIGURE 1-2

recommendations of the Phase I Site Assessment. The procedures followed throughout the course of the Phase II Site Assessment field program are described in Section 3.0. The findings of the Phase II Site Assessment field program are presented in Section 4.0. The conclusions of the Phase II Site Assessment and recommendations are presented in Section 5.0.

Section 2

2.0 PHASE I SITE ASSESSMENT-OVERVIEW

This section presents an overview of the potential areas of environmental concern noted in the Phase I Site Assessment, along with the recommendations for further investigation. The areas of potential environmental concern identified in the Phase I report were the following:

- Sanitary Disposal System
- Drum Storage Area Adjacent to Chemical Storage Shed
- Groundwater Quality

2.1 Sanitary Disposal System

It was reported in the Phase I report that an on-site sanitary disposal system was utilized at the B.O.C.E.S Site. The system includes four leaching pools, a septic tank and a distribution chamber. Based on available information, this system received all wastewater discharges from the school activities during the time of its use and was therefore determined to be a potential area of environmental concern.

The Phase I report recommended that two soil borings be advanced within the area of the leaching field/septic system (which was thought to be abandoned at the time) with continuous split spoon sampling from 12' to 22' feet below grade. Field observations and measurements would determine if further split spoon samples were required and which samples would be submitted for laboratory analysis. It was recommended that one soil sample from each boring be analyzed for volatile organic compounds (Method 8240); semivolatile organic compounds (Method 8270); and priority pollutant metals (Method 6010).

These recommendations were implemented under the Phase II Site Assessment program as described in Section 3.0. It should also be noted that subsequent to preparation of the Phase I Site Assessment report, it was determined that the B.O.C.E.S. building had not been connected to the Nassau County Sewer System and the on-site sanitary disposal system was still active. In

September 1996, NGC shut down the building. The slop sink has been removed, the floor drain has been sealed, and the leaching pools have been taken out of service. In addition, NGC is implementing steps to connect the B.O.C.E.S. building to the County Sewer System.

2.2 Drum Storage Area Adjacent to Chemical Storage Shed

Another potential area of environmental concern noted during the Phase I Site Assessment was an exterior chemical storage shed on the B.O.C.E.S property. This shed was used by B.O.C.E.S personnel to store various chemicals associated with aircraft maintenance such as, hydraulic oils, paints, paint thinners, toluene, and methyl ethyl ketone. The condition of the floor of the shed could not be directly observed during the site inspection. Three 55-gallon drums were observed on the asphalt adjacent to the storage shed. Therefore, the drum storage area was determined to be a potential area of environmental concern.

The Phase I report recommended that one soil boring be advanced in the area of the chemical storage shed, to a depth of 8' with continuous split spoon sampling. Visual characterization and the use of portable field instrumentation would aid in determining which split spoon sample to submit for laboratory analysis. It was recommended that one soil sample from the boring be analyzed in the laboratory for volatile organic compounds (Method 8240); semivolatile organic compounds (Method 8270); and priority pollutant metals (Method 6010).

These recommendations were implemented under the Phase II Site Assessment program as described in Section 3.0. In addition, the three 55-gallon drums observed on the asphalt adjacent to the storage shed have been removed.

2.3 Groundwater Quality

As stated in the Phase I report, the B.O.C.E.S. Site and surrounding areas have historically been associated with industrial activity, and degradation of groundwater quality in the area has been documented as an environmental concern. However, there were no monitoring

wells located immediately upgradient of the B.O.C.E.S Site, and at the time of the Phase I Site Assessment there was only one existing downgradient well (USGS 10631). Therefore, it was recommended that two groundwater monitoring wells be installed along the northern boundary of the site, and two monitoring wells be installed downgradient of the site. It was recommended that these wells be 2-inch diameter, and installed to a depth of approximately 65', including a 15-foot section of PVC screen. The actual depth of the screen placement was to be determined based on field conditions.

It was recommended that each groundwater monitoring well borehole be advanced utilizing a 4-1/4-inch hollow stem auger with continuous split spoon sampling to a depth of 10 feet, and sampling at 5-foot intervals thereafter. Visual characterization and the use of portable field instrumentation would determine which soil samples would be selected for laboratory analysis. The recommendation further stated that one soil sample be selected from each monitoring well borehole for laboratory analysis of total petroleum hydrocarbons (TPHCs) and volatile organic compounds using Methods 418.1 and 8240, respectively. In addition, if elevated levels of TPHCs were detected, provisions were to be made for laboratory analysis of those soil samples for fuel-related constituents using Method 310.13 and PCBs using Method 8080.

In addition, laboratory analysis of groundwater samples for priority pollutant metals, volatile organic compounds (VOCs), and semivolatile organic compounds (SVOCs) utilizing USEPA SW846 Test Methods 6010, 8240, and 8270, respectively, was recommended. It was also recommended that the existing USGS well (10631) be located, if possible, and sampled for laboratory analysis of the same parameters.

These recommendations were implemented under the Phase II Site Assessment Program as described in Section 3.0.

2.4 Potential Off-Site Sources of Contamination

The Phase I report stated that the extent of off-site contamination sources, in particular the Ruco Polymer/Hooker Chemical Site, has not been completely characterized. In addition, the B.O.C.E.S Site is downgradient of the Naval Weapons Industrial Reserve Plant (NWIRP), and adjacent to former and existing recharge basins. Each of these areas represents potential off-site sources of groundwater contamination.

Also as discussed in the Phase I report, a trichloroethene (TCE) tank at Plant 2 was identified during the Remedial Investigation of the NGC Bethpage Facility as a potential source of groundwater contamination. A soil vapor extraction system has been installed at the source area to remove TCE in unsaturated soils in that area in order to prevent further contamination of the groundwater. Plant 2 is north and upgradient of the B.O.C.E.S. Site. Therefore, it is a potential off-site source of contamination.

As discussed above, installation and sampling of groundwater monitoring wells was recommended in the Phase I report to characterize the impact of potential off-site source of contamination on the B.O.C.E.S. Site.

Section 3

3.0 PHASE II SITE ASSESSMENT FIELD PROGRAM

The following is a description of the field activities undertaken in support of the Phase II Site Assessment. Based on the recommendations of the Phase I Site Assessment (see overview in Section 2.0), the Phase II Site Assessment field program included advancing soil borings; installation of groundwater monitoring wells; collection of soil and groundwater samples; and air monitoring. In addition, based on the results of the metals analysis for one soil sample collected from the sanitary disposal system, additional soil sampling and analysis was conducted in this area in July 1996 and October 1996, as described below.

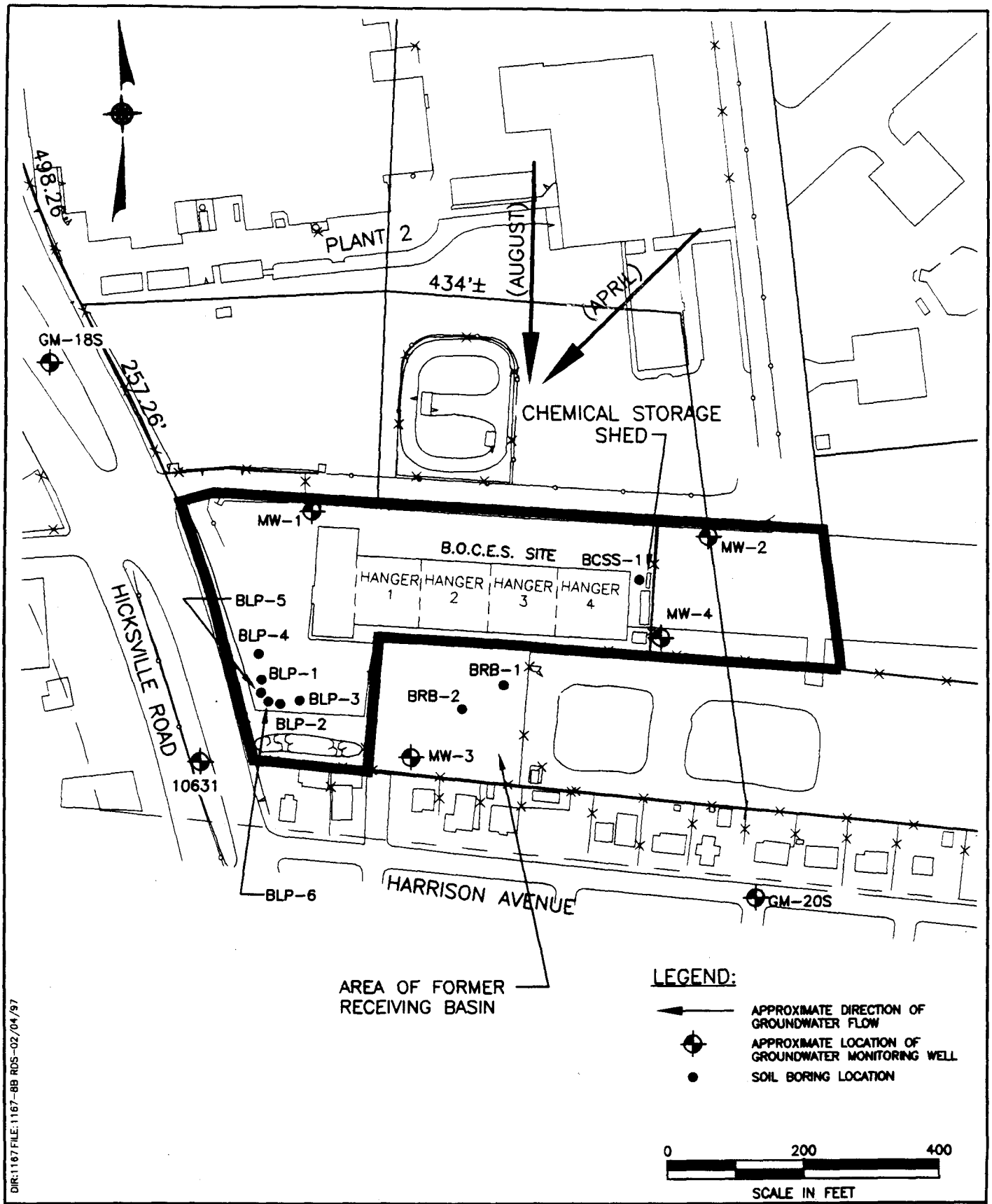
3.1 Soil Boring Installation and Sampling

Soil borings were advanced with a conventional drill rig by the hollow stem auger (HSA) method of drilling. Soil samples were collected using stainless steel split spoons (2-inch OD x 2 feet long) driven in advance of the 4 1/4-inch ID HSA. Upon retrieval of each split spoon, the soil samples were immediately screened with a photoionization detector (PID) for organic vapors and subsequently logged for lithological classification (see Appendix A).

Sanitary Disposal System

On February 21, 1996, two soil borings (BLP-1 and BLP-2) were advanced in two on-site leaching pools to characterize the soils in the on-site sanitary disposal system. The sampling locations are shown on Figure 3-1.

Soil borings BLP-1 and BLP-2 were advanced to a depth of 24 feet below ground surface, with continuous split spoon sampling from 14' to 24' below grade (see Boring Logs in Appendix A). This is a slight departure from the Phase I estimate of 12' to 22' below grade. Field observations indicated that the depth to soil from grade in the leaching pools was actually 14'.



NORTHROP GRUMMAN CORPORATION
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SOIL BORING AND MONITORING WELL LOCATION MAP

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FIGURE 3-1

Samples BLP-1(14'-16') and BLP-2(20'-22') were selected for laboratory analysis. The samples were analyzed for VOCs by Method 8240; SVOCs by Method 8270; and priority pollutant metals by Method 6010. Soil sample selection was based on field instrument response (PID readings), visual staining or discoloration, and observation of any odors.

Based on the results of the February 1996 sampling program, on July 8 and 9, 1996, an attempt was made to advance six additional soil borings in and around the four leaching pools of the sanitary disposal system located on the property. One boring was planned in each of the four leaching pools, and borings were planned 5' and 10' from the center of Leaching Pool 1 (i.e., the leaching pool in which BLP-1 was advanced). On July 8 and 9, 1996 borings BLP-1 and BLP-4 were advanced in Leaching Pools 1 and 4, respectively, and borings BLP-5 and BLP-6 were advanced 5' and 10', respectively, from the center of Leaching Pool 1. (See Figure 3-1.) However, Leaching Pools 2 and 3 could not be accessed due to standing water.

The Table below provides a summary of the July 1996 soil borings and sample intervals. All samples collected on July 8 and 9, 1996 were analyzed for priority pollutant metals by Method 6010.

SUMMARY OF JULY 1996 SOIL BORINGS AND SOIL SAMPLE INTERVALS

Location	Boring Number	Sample Interval (feet below grade)
Leaching Pool 1	BLP-1	16-18, 18-20, 20-22 and 27-29
Leaching Pool 4	BLP-4	14-16, 16-18, 18-20, 20-22 and 27-29
5 ft from Leaching Pool 1	BLP-5	14-16, 16-18, 18-20, 20-22 and 27-29
10 ft from Leaching Pool 1	BLP-6	14-16, 16-18, 18-20, 20-22 and 27-29

On October 4, 1996 the standing liquid in Leaching Pools 2 and 3 was removed and soil borings were advanced in each of these pools as well. Soil was encountered beginning at 18' below ground surface (bgs) in Leaching Pool 2 and beginning at 15' bgs in Leaching Pool 3. Split spoon samples were collected continuously in borings BLP-2 and BLP-3 at 2 foot intervals from 18' to 24' and 15' to 23', respectively. Additionally, a soil sample was collected at 27' to 29' bgs in both

BLP-2 and BLP-3. All soil samples collected on October 4, 1996 were analyzed for priority pollutant metals by Method 6010.

Drum Storage Area and Chemical Storage Shed

On February 20, 1996, one soil boring (BCSS-1) was advanced directly northwest of the corner of the chemical storage shed. Split spoon soil samples were collected continuously from grade to a depth of 8'.

Split spoon soil samples collected during the investigation indicate that the subsurface soils consist predominantly of tan, orange and brown, fine to coarse sand; gravely sands (locally) and organic silt (locally). Analytical results for the soil samples are presented in Section 4.0.

3.2 Monitoring Well Installation

Between February 12 and 20, 1996, groundwater monitoring wells MW-1 through MW-4 were installed. Monitoring wells MW-1 and MW-2 were installed in the northern portion of the site to characterize upgradient groundwater quality. Monitoring well MW-4 was installed in the southern portion of the site, to characterize downgradient groundwater quality, and MW-3 was installed in the southwest corner of the bordering backfilled receiving basin located south of the B.O.C.E.S. Site. Monitoring wells MW-1 through MW-4 are all screened across the water table. Figure 3-1 presents the location of each monitoring well.

The monitoring wells were installed in a borehole constructed using 4 1/4-inch ID HSA. Well construction consisted of 2-inch ID PVC screen (0.010-inch slot size) and riser pipe with threaded joints. The monitoring wells were constructed with 15-foot long screens. The bottom of the well casing screens were sealed with threaded PVC plugs. Appendix B contains Well Construction Logs for each installed monitoring well.

A sandpack was installed around each well screen using a tremie pipe. Above the sandpack, a minimum 2' thick bentonite seal was installed followed by cement/bentonite grout for the remainder of the annulus to ground surface using a tremie pipe. The wells were protected with a locking PVC cap and a steel flush mounted vault with a bolted cover. Upon completion of well construction, the wells were developed using a submersible pump. The wells were considered developed after pumping for two hours or until the turbidity of the discharge water was approximately 50 nephelometric turbidity units (NTUs) or less, whichever occurred first.

The following table summarizes the water level measurements and screened intervals of each well installed in February 1996 as well as the existing USGS Well 10631.

Well Identification Number	Depth to Water in Feet Below Top of Casing*	Screened Interval in Feet Below Grade**
MW-1	43.12	41-56
MW-2	45.15	44-59
MW-3	43.78	42-57
MW-4	44.06	42-57
10631***	45.71	63-67

* Water elevation measurements collected on February 27, 1996.
** Rounded to nearest foot.
*** This monitoring well was installed by the United States Geological Survey (USGS). It is screened below the water table.

3.3 Monitoring Well Borehole Soil Sampling

Split spoon soil samples were collected at five foot intervals from the three monitoring well boreholes installed on-site. One soil sample was selected from each monitoring well borehole for laboratory analysis for VOCs by Method 8240 and total petroleum hydrocarbons (TPHC) by Method 418.1. These samples were held in the laboratory for possible fuel-related constituent (Method 310-13) and PCB (Method 8080) analysis pending the VOC and TPHC analyses (see Section 4.0). The split spoon soil samples were also logged for lithology classification to aid in screen placement.

Split spoon soil samples collected from the well boreholes indicate that the subsurface soils consist predominately of tan, orange and brown fine to coarse sand; gravely sands (locally) and organic silt to a depth of approximately 60' below grade.

3.4 Groundwater Sampling

Prior to well sampling, a minimum of three times the volume of standing water in the casing and sandpack from each monitoring well (MW-1, MW-2, MW-3 and MW-4) was removed with a bailer. In addition, USGS Monitoring Well 10631 was purged and sampled (see Figure 3-1 for location) to provide additional downgradient groundwater quality information. On February 27, 1996, one groundwater sample was collected from each well for laboratory analysis. The groundwater samples were analyzed for VOCs (Method 8240), SVOCs (Method 8270) and priority pollutant metals (Method 6010).

Based on the concentration of metals detected in Well MW-3, this well was resampled on May 7, 1996 and analyzed for filtered and unfiltered metals. The groundwater sample collected on May 7, 1996 was split between two analytical laboratories: Nytest Environmental, Inc. and EcoTest Laboratories, Inc. Additionally, well MW-3 was redeveloped and resampled on July 10, 1996; and the sample collected was filtered and analyzed for priority pollutant metals. Analytical results for the groundwater samples are presented in Section 4.0.

3.5 Ambient Air Monitoring

During the Phase II Site Assessment, total organic vapors were monitored in the workers' breathing zone with a Photovac Microtip HL-200. The air monitoring results were documented on daily Air Monitoring Forms. Prior to use, the Microtip, which is a photoionization detector (PID), was calibrated with 100 ppm isobutylene gas and zero air. The split spoon soil samples were also monitored for total organic vapors utilizing the Microtip (see Appendix A).

Section 4

4.0 FINDINGS

This section presents a discussion of the analytical results obtained for environmental samples collected during the field programs described in Section 3.0. Soil sampling results are compared to the criteria included in Appendix A of the New York State Department of Environmental Conservation's (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) No. 4046, and typical Eastern USA background soil contaminant concentration ranges included in the TAGM. Groundwater sampling results are compared to NYSDEC Class GA groundwater standards/ guidelines.

4.1 Soil Sampling

Sanitary Disposal System - Phase II Site Assessment Program

As described in Section 3.0, one soil sample collected on February 21, 1996 was selected for analysis from each soil boring (BLP-1 and BLP-2) advanced in the sanitary disposal system on the site. The samples were analyzed for volatile organic compounds (VOCs) by Method 8240; semivolatile organic compounds (SVOCs) by Method 8270; and priority pollutant metals by Method 6010.

As shown on Table 4-1, with the exception of methylene chloride and acetone, VOCs were not detected in soil samples BLP-1 (14'-16') and BLP-2 (20'-22'). Methylene chloride and acetone are common laboratory chemicals and, since both of these compounds were also detected in the blanks, their presence in the environmental samples can be attributed to laboratory contamination.

As stated above, the soil samples BLP-1 (14'-16') and BLP-2 (20'-22') were also analyzed for SVOCs (see Table 4-2). Four SVOCs were detected in sample BLP-1 (14'-16') at levels below the NYSDEC TAGM 4046 Appendix A criteria. SVOCs were not detected in soil sample BLP-2 (20'-22').

TABLE 4-1
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	MW-1	MW-2	MW-4	BLP-1	BLP-2	BCSS-1	CONTRACT REQUIRED DETECTION LIMITS	NYSDEC TAGM 4046 APPENDIX A CRITERIA*
SAMPLE DEPTH	43-45 FT	45-47 FT	40-42 FT	14-16 FT	20-22 FT	0-2 FT'		
DATE OF COLLECTION	02/20/96	02/12/96	02/15/96	02/21/96	02/21/96	02/20/96		
DILUTION FACTOR	1	1	1	1	1	1		
PERCENT SOLIDS	83	95	94	88	94	94		
VOLATILE ORGANICS	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
Chloromethane	U	U	U	U	U	U	10	----
Bromomethane	U	U	U	U	U	U	10	----
Vinyl Chloride	U	U	U	U	U	U	10	200
Chloroethane	U	U	U	U	U	U	10	1900
Methylene Chloride	11 JB	16 B	12 B	11 JB	10 JB	10 JB	10	100
Acetone	8 U	6 JB	U	6 JB	6 JB	U	10	200
Carbon Disulfide	U	U	U	U	U	U	10	2700
1,1-Dichloroethene	U	U	U	U	U	U	10	400
1,1-Dichloroethane	U	U	U	U	U	U	10	200
1,2-Dichloroethene (total)	U	U	U	U	U	U	10	300
Chloroform	U	U	U	U	U	U	10	300
1,2-Dichloroethane	U	U	U	U	U	U	10	100
2-Butanone	U	U	U	U	U	U	10	300
1,1,1-Trichloroethane	U	U	U	U	U	U	10	800
Carbon Tetrachloride	U	U	U	U	U	U	10	600
Bromodichloromethane	U	U	U	U	U	U	10	----
1,2-Dichloropropane	U	U	U	U	U	U	10	----
cis-1,3-Dichloropropene	U	U	U	U	U	U	10	----
Trichloroethene	U	U	U	U	U	U	10	700
Dibromochloromethane	U	U	U	U	U	U	10	----
1,1,2-Trichloroethane	U	U	U	U	U	U	10	----
Benzene	U	U	U	U	U	U	10	60
Trans-1,3-Dichloropropene	U	U	U	U	U	U	10	----
Bromoform	U	U	U	U	U	U	10	----
4-Methyl-2-Pentanone	U	U	U	U	U	U	10	1000
2-Hexanone	U	U	U	U	U	U	10	----
Tetrachloroethene	U	U	U	U	U	U	10	1400
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	10	600
Toluene	U	U	U	U	U	U	10	1500
Chlorobenzene	U	U	U	U	U	U	10	1700
Ethylbenzene	U	U	U	U	U	U	10	5500
Styrene	U	U	U	U	U	U	10	----
Xylene (total)	U	U	U	U	U	U	10	1200
Vinyl Acetate	U	U	U	U	U	U	10	----
TOTAL VOCs	19	22	12	17	16	10		10000

QUALIFIERS:
U: Compound analyzed for but not detected.
B: Compound found in the blank as well as the sample.
J: Compound found at a concentration below the CRDL, value estimated.

NOTES:
* :Total volatiles not to exceed 10,000 ug/kg.
---- :Not established.

TABLE 4-2
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	BLP-1	BLP-2	BCSS-1	CONTRACT REQUIRED DETECTION LIMIT	NYSDEC TAGM 4046 APPENDIX A CRITERIA
SAMPLE DEPTH	14-16 FT	20-22 FT	0-2 FT		
DATE OF COLLECTION	02/21/96	02/21/96	02/20/96		
DILUTION FACTOR	1	1	1		
PERCENT SOLIDS	88	91	94		
SEMIVOLATILE ORGANIC COMPOUNDS	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
Phenol	U	U	U	330	30 or MDL
bis(2-Chloroethyl)ether	U	U	U	330	----
2-Chlorophenol	U	U	U	330	800
1,3-Dichlorobenzene	U	U	U	330	1600
1,4-Dichlorobenzene	U	U	U	330	8500
1,2-Dichlorobenzene	U	U	U	330	7900
2-Methylphenol	U	U	U	330	100 or MDL
2,2'-Oxybis(1-chloropropane)	U	U	U	330	----
4-Methylphenol	U	U	U	330	900
N-Nitroso-di-n-propylamine	U	U	U	330	----
Hexachloroethane	U	U	U	330	----
Nitrobenzene	U	U	U	330	200 or MDL
Isophorone	U	U	U	330	4400
2-Nitrophenol	U	U	U	330	330 or MDL
2,4-Dimethylphenol	U	U	U	330	----
2,4-Dichlorophenol	U	U	U	330	400
1,2,4-Trichlorobenzene	U	U	U	330	3400
Naphthalene	U	U	U	330	13000
4-Chloroaniline	U	U	U	330	220 or MDL
Hexachlorobutadiene	U	U	U	330	----
bis(2-Chloroethoxy)methane	U	U	U	330	----
4-Chloro-3-methylphenol	U	U	U	330	240 or MDL
2-Methylnaphthalene	U	U	U	330	36400
Hexachlorocyclopentadiene	U	U	U	330	----
2,4,6-Trichlorophenol	U	U	U	330	----
2,4,5-Trichlorophenol	U	U	U	800	100
2-Chloronaphthalene	U	U	U	330	----
2-Nitroaniline	U	U	U	800	430 or MDL
Dimethylphthalate	U	U	U	330	2000
Acenaphthylene	U	U	U	330	41000
2,6-Dinitrotoluene	U	U	U	330	1000
3-Nitroaniline	U	U	U	800	500 or MDL
Acenaphthene	U	U	U	330	50000

TABLE 4-2 (*continued*)
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	BLP-1	BLP-2	BCSS-1	CONTRACT REQUIRED DETECTION LIMIT	NYSDEC TAGM 4046 APPENDIX A CRITERIA
SAMPLE DEPTH	14-16 FT	20-22 FT	0-2 FT		
DATE OF COLLECTION	02/21/96	02/21/96	02/20/96		
DILUTION FACTOR	1	1	1		
PERCENT SOLIDS	88	91	94		
SEMIVOLATILE ORGANIC COMPOUNDS	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
2,4-Dinitrophenol	U	U	U	800	200 or MDL
4-Nitrophenol	U	U	U	800	100 or MDL
Dibenzofuran	U	U	U	330	6200
2,4-Dinitrotoluene	U	U	U	330	----
Diethylphthalate	U	U	54 J	330	7100
4-Chlorophenyl-phenylether	U	U	U	330	----
Fluorene	U	U	U	330	50000
4-Nitroaniline	U	U	U	800	----
4,6-Dinitro-2-methylphenol	U	U	U	800	----
N-Nitrosodiphenylamine	U	U	U	330	----
4-Bromophenyl-phenylether	U	U	U	330	----
Hexachlorobenzene	U	U	U	330	410
Pentachlorophenol	U	U	U	800	1000 or MDL
Phenanthrene	U	U	U	330	50000
Anthracene	U	U	U	330	50000
Carbazole	U	U	U	330	----
Di-n-butylphthalate	45 J	U	U	330	8100
Fluoranthene	42 J	U	64 J	330	50000
Pyrene	U	U	45 J	330	50000
Butylbenzylphthalate	40 J	U	U	330	50000
3,3'-Dichlorobenzidine	U	U	U	330	----
Benzo(a)anthracene	U	U	U	330	224 or MDL
Chrysene	U	U	37 J	330	400
bis(2-Ethylhexyl)phthalate	6400 D	U	U	330	50000
Di-n-octylphthalate	U	U	U	330	50000
Benzo(b)fluoranthene	U	U	U	330	1100
Benzo(k)fluoranthene	U	U	U	330	1100
Benzo(a)pyrene	U	U	U	330	61 or MDL
Indeno(1,2,3-cd)pyrene	U	U	U	330	3200
Dibenzo(a,h)anthracene	U	U	U	330	14 or MDL
Benzo(g,h,i)perylene	U	U	U	330	50000
Benzo Alcohol	U	U	U	330	----
Benzoic Acid	U	U	U	330	2700
TOTAL SVOCs	6527	0	200		500000

QUALIFIERS:
J: Compound found at a concentration below the CRDL, value estimated.
U: Compound analyzed for but not detected.
D: Result taken from the analysis at a 1:4 dilution.

NOTES:
---- : Not established.
MDL: Method Detection Limit.

The results of the analyses for priority pollutant metals are shown on Table 4-3. As indicated, priority pollutant metals were detected in samples BLP-1 (14'-16') and BLP-2 (20'-22'). In BLP-1 (14'-16'), arsenic, cadmium, lead, selenium, and thallium were detected at levels below NYSDEC TAGM 4046 Appendix A criteria. However, the metals chromium (138 mg/kg), copper (166 mg/kg), mercury (0.48 mg/kg), nickel (142 mg/kg), and zinc (168 mg/kg) were detected in BLP-1 (14'-16') above NYSDEC TAGM 4046 Appendix A criteria. These metal concentrations also exceed the upper limit of the range of background soil contaminant concentrations as published in TAGM No. 4046.

The priority pollutant metals detected in soil sample BLP-2 (20'-22') are: arsenic (3.4 mg/kg); chromium (4.8 mg/kg); copper (2.2 mg/kg); lead (1.4 mg/kg); nickel (1.1 mg/kg); and zinc (8.1 mg/kg). All of these concentrations are below the corresponding NYSDEC TAGM 4046 Appendix A criteria.

As discussed in Section 3.1, six additional borings (BLP-1 through BLP-6) were drilled in and around the four leaching pools of the sanitary disposal system on July 8, July 9 and October 4, 1996 in order to characterize the extent of metals contamination detected in BLP-1 (14' - 16'). All 28 soil samples collected were analyzed for priority pollutant metals. The results are presented on Table 4-3.

As discussed in Section 3.1, four additional samples were collected from boring BLP-1 at depths of 16-18 ft, 18-20 ft, 20-22 ft and 27-29 ft. Results indicate that exceedances of NYSDEC TAGM 4046 Appendix A criteria were detected in the sample BLP-1 (16'-18') and sample BLP-1 (27'-29'). The metals detected above criteria levels in BLP-1 (16'-18') are copper (27 mg/kg), mercury (2 mg/kg) and zinc (32.9 mg/kg); and beryllium (0.21 mg/kg) and mercury (0.16 mg/kg) in BLP-1 (27'-29'). However, of these results only the concentration of mercury detected in BLP-1 (16'-18') exceeds the upper limit of the published background soil concentration range.

TABLE 4-3
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
PRIORITY POLLUTANT METALS

SAMPLE LOCATION	Leaching Pool #1							
SAMPLE IDENTIFICATION	BLP-1	BLP-1	BLP-1	BLP-1	BLP-1		NYSDEC	
SAMPLE DEPTH	14-16 FT	16-18 FT	18-20 FT	20-22 FT	27-29 FT	INSTRUMENT	TAGM 4046	EASTERN
DATE OF COLLECTION	02/21/96	07/08/96	07/08/96	07/08/96	07/08/96	DETECTION	APPENDIX A	USA
DILUTION FACTOR	1	1	1	1	1	LIMIT	CRITERIA	BACKGROUND
PERCENT SOLIDS	88	92.2	94.9	96.3	89.0			
UNITS	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ug/L)	(mg/kg)	(mg/kg)
Antimony	U	U	U	U	U	31	SB	----
Arsenic	2.4	1.4	0.98	0.79 B	2.7	5	7.5 or SB	3-12*
Beryllium	U	U	0.02 B	0.03 B	0.21 B	4	0.16 or SB	0-1.75
Cadmium	10	1.8	U	U	U	2	10*** or SB	0.1-1
Chromium	138	7.0	3.4	4.7	10	4	50*** or SB	1.5-40*
Copper	166	27.0	2.5	3.8	8.5	10	25 or SB	1-50
Lead	135	18.4	2.7	2.6	3.8	35	SB	200-500**
Mercury	0.48	2.0	U	U	0.18	0.2	0.1	0.001-0.2
Nickel	142	2.9 B	1.2 B	1.9 B	5.9	38	13 or SB	0.5-25
Selenium	1.1 B	U	U	U	U	5	2 or SB	0.1-3.9
Silver	U	U	U	U	U	7	SB	----
Thallium	2.6	U	U	0.83 B	U	5	SB	----
Zinc	168	32.9	5.2	8.2	16.8	12	20 or SB	9-50

QUALIFIERS:

U: Analyzed for but not detected.

B: Concentration is less than the CRDL but greater than the IDL.

NOTES:

---- : Not established.

SB : Site background.

▒ : Value exceeds NYSDEC TAGM 4046 Appendix A Criteria.

* : New York State Background.

** : Background for metropolitan or suburban areas.

*** : Revised criteria.

TABLE 4-3 (continued)
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
PRIORITY POLLUTANT METALS

SAMPLE LOCATION	Leaching Pool #2							
SAMPLE IDENTIFICATION	BLP-2	BLP-2	BLP-2	BLP-2	BLP-2	INSTRUMENT	NYSDEC TAGM 4046	EASTERN
SAMPLE DEPTH	18-20 FT	20-22 FT	20-22 FT	22-24 FT	27-29 FT	DETECTION	APPENDIX A	USA
DATE OF COLLECTION	10/04/96	02/21/96	10/04/96	10/04/96	10/04/96	LIMIT	CRITERIA	BACKGROUND
DILUTION FACTOR	1	1	1	1	1			
PERCENT SOLIDS	77.1	91	95.4	94.5	97.1			
UNITS	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ug/L)	(mg/kg)	(mg/kg)
Antimony	U	U	U	U	U	31	SB	----
Arsenic	1.8	3.4	1.1	1.3	U	5	7.5 or SB	3-12*
Beryllium	0.10 B	U	0.06 B	0.09 B	0.07 B	4	0.16 or SB	0-1.75
Cadmium	3.5	U	0.12 B	U	U	2	10*** or SB	0.1-1
Chromium	6.8	4.8	4.9	5.2	8.2	4	50*** or SB	1.5-40*
Copper	111	2.2 B	6.3	3.6	2.6	10	25 or SB	1-50
Lead	118	1.4	6.3	1.9	1.4	35	SB	200-500**
Mercury	0.41	U	U	U	U	0.2	0.1	0.001-0.2
Nickel	3.7 B	1.1 B	1.3 B	1.5 B	1.3 B	38	13 or SB	0.5-25
Selenium	U	U	U	U	U	5	2 or SB	0.1-3.9
Silver	U	U	U	U	U	7	SB	----
Thallium	U	U	U	U	U	5	SB	----
Zinc	107	8.1	11.7	7.1	6.3	12	20 or SB	9-50

QUALIFIERS:
U: Analyzed for but not detected.
B: Concentration is less than the CRDL but greater than the IDL.

NOTES:
---- : Not established.
SB : Site background.
▒▒ : Value exceeds NYSDEC TAGM 4046 Appendix A Criteria.
* : New York State Background.
** : Background for metropolitan or suburban areas.
*** : Revised criteria.

TABLE 4-3 (continued)
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
PRIORITY POLLUTANT METALS

SAMPLE LOCATION	Leaching Pool #3							
SAMPLE IDENTIFICATION	BLP-3	BLP-3	BLP-3	BLP-3	BLP-3	INSTRUMENT	NYSDEC TAGM 4046	EASTERN
SAMPLE DEPTH	15-17 FT	17-19 FT	19-21 FT	21-23 FT	27-29 FT	DETECTION	APPENDIX A	USA
DATE OF COLLECTION	10/04/96	10/04/96	10/04/96	10/04/96	10/04/96	LIMIT	CRITERIA	BACKGROUND
DILUTION FACTOR	1	1	1	1	1			
PERCENT SOLIDS	75.6	93.2	97.2	96.0	95.3			
UNITS	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ug/L)	(mg/kg)	(mg/kg)
Antimony	U	U	U	U	U	31	SB	----
Arsenic	2.5	6.4	0.75 B	1.7	0.72 B	5	7.5 or SB	3-12*
Beryllium	0.10 B	0.11 B	0.09 B	0.08 B	0.06 B	4	0.16 or SB	0-1.75
Cadmium	1.3	U	0.06 B	0.07 B	0.11 B	2	10*** or SB	0.1-1
Chromium	39.2	15.0	5.8	5.4	5.5	4	50*** or SB	1.5-40*
Copper	30.6	6.6	4.5	3.4	3.3	10	25 or SB	1-50
Lead	29.5	3.9	2.4	2.4	3.1	35	SB	200-500**
Mercury	0.64	U	U	U	U	0.2	0.1	0.001-0.2
Nickel	2.3 B	2.2 B	1.9 B	1.2 B	1.3 B	38	13 or SB	0.5-25
Selenium	U	U	U	U	U	5	2 or SB	0.1-3.9
Silver	U	U	U	U	U	7	SB	----
Thallium	U	U	U	U	U	5	SB	----
Zinc	37.2	11.7	9.9	9.0	8.3	12	20 or SB	9-50

QUALIFIERS:

U: Analyzed for but not detected.

B: Concentration is less than the CRDL but greater than the IDL.

NOTES:

---- : Not established.

SB : Site background.

: Value exceeds NYSDEC TAGM 4046 Appendix A Criteria.

* : New York State Background.

** : Background for metropolitan or suburban areas.

*** : Revised criteria.

TABLE 4-3 (continued)
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
PRIORITY POLLUTANT METALS

SAMPLE LOCATION	Leaching Pool #4							
SAMPLE IDENTIFICATION	BLP-4	BLP-4	BLP-4	BLP-4	BLP-4	INSTRUMENT	NYSDEC TAGM 4046	EASTERN
SAMPLE DEPTH	14-16 FT	16-18 FT	18-20 FT	20-22 FT	27-29 FT	DETECTION	APPENDIX A	USA
DATE OF COLLECTION	07/08/96	07/08/96	07/08/96	07/08/96	07/08/96	LIMIT	CRITERIA	BACKGROUND
DILUTION FACTOR	1	1	1	1	1			
PERCENT SOLIDS	95.4	96.1	86.6	95.4	90.9			
UNITS	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ug/L)	(mg/kg)	(mg/kg)
Antimony	U	U	U	U	U	31	SB	----
Arsenic	1.0 B	U	1.5	1.8	2.0	5	7.5 or SB	3-12*
Beryllium	U	U	0.05 B	0.04 B	0.11 B	4	0.16 or SB	0-1.75
Cadmium	0.27 B	0.11 B	U	0.23 B	0.10 B	2	10*** or SB	0.1-1
Chromium	3.4	2.9	9.4	9.1	6.0	4	50*** or SB	1.5-40*
Copper	9.7	2.4 B	4.0	4.3	4.8	10	25 or SB	1-50
Lead	6.4	2.2	1.6	3.2	3.0	35	SB	200-500**
Mercury	0.22	0.31	0.16	U	0.34	0.2	0.1	0.001-0.2
Nickel	1.6 B	1.3 B	1.5 B	1.8 B	3.2 B	38	13 or SB	0.5-25
Selenium	U	U	U	U	U	5	2 or SB	0.1-3.9
Silver	U	U	U	U	U	7	SB	----
Thallium	U	U	U	0.85 B	U	5	SB	----
Zinc	14.8	7.5	11.2	9.8	9.9	12	20 or SB	9-50

QUALIFIERS:

U: Analyzed for but not detected.

B: Concentration is less than the CRDL but greater than the IDL.

NOTES:

---- : Not established.

SB : Site background.

: Value exceeds NYSDEC TAGM 4046 Appendix A Criteria.

* : New York State Background.

** : Background for metropolitan or suburban areas.

*** : Revised criteria.

TABLE 4-3 (continued)
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
PRIORITY POLLUTANT METALS

SAMPLE LOCATION	5 Feet from Leaching Pool #1							
SAMPLE IDENTIFICATION	BLP-5	BLP-5	BLP-5	BLP-5	BLP-5		NYSDEC	
SAMPLE DEPTH	14-16 FT	16-18 FT	18-20 FT	20-22 FT	27-29 FT	INSTRUMENT	TAGM 4046	EASTERN
DATE OF COLLECTION	07/09/96	07/09/96	07/09/96	07/09/96	07/09/96	DETECTION	APPENDIX A	USA
DILUTION FACTOR	1	1	1	1	1	LIMIT	CRITERIA	BACKGROUND
PERCENT SOLIDS	94.3	93.8	94.1	95.1	76.2			
UNITS	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ug/L)	(mg/kg)	(mg/kg)
Antimony	U	U	U	U	U	31	SB	----
Arsenic	1.2	0.59 B	0.83 B	1.1	3.9	5	7.5 or SB	3-12*
Beryllium	0.04 B	U	U	0.34 B	0.28 B	4	0.16 or SB	0-1.75
Cadmium	U	U	U	0.38 B	0.15 B	2	10*** or SB	0.1-1
Chromium	4.0	3.5	2.3	5.1	13.6	4	50*** or SB	1.5-40*
Copper	3.8	4.2	3.2	3.7	10.3	10	25 or SB	1-50
Lead	10.8	7.2	3.5	9.6	7.7	35	SB	200-500**
Mercury	0.18	0.13	U	0.21	0.23	0.2	0.1	0.001-0.2
Nickel	1.7 B	1.2 B	1.1 B	2.3 B	7.1	38	13 or SB	0.5-25
Selenium	U	U	U	0.63	U	5	2 or SB	0.1-3.9
Silver	U	U	U	U	U	7	SB	----
Thallium	0.89 B	U	U	0.87 B	U	5	SB	----
Zinc	9.6	7.4	6.6	7.7	21.2	12	20 or SB	9-50

QUALIFIERS:

U: Analyzed for but not detected.

B: Concentration is less than the CRDL but greater than the IDL.

NOTES:

---- : Not established.

SB : Site background.

: Value exceeds NYSDEC TAGM 4046 Appendix A Criteria.

* : New York State Background.

** : Background for metropolitan or suburban areas.

*** : Revised criteria.

TABLE 4-3 (continued)
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
PRIORITY POLLUTANT METALS

SAMPLE LOCATION	10 Feet from Leaching Pool #1							
SAMPLE IDENTIFICATION	BLP-6	BLP-6	BLP-6	BLP-6	BLP-6	INSTRUMENT	NYSDEC TAGM 4046	EASTERN
SAMPLE DEPTH	14-16 FT	16-18 FT	18-20 FT	20-22 FT	27-29 FT	DETECTION	APPENDIX A	USA
DATE OF COLLECTION	07/09/96	07/09/96	07/09/96	07/09/96	07/09/96	LIMIT *	CRITERIA	BACKGROUND
DILUTION FACTOR	1	1	1	1	1			
PERCENT SOLIDS	93.9	96.8	95.7	98.0	91.1			
UNITS	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ug/L)	(mg/kg)	(mg/kg)
Antimony	U	U	U	U	U	31	SB	----
Arsenic	1.7	1.6	0.94 B	2.1	1.3	5	7.5 or SB	3-12*
Beryllium	0.40 B	0.04 B	0.05 B	0.08 B	0.05 B	4	0.16 or SB	0-1.75
Cadmium	0.25 B	U	U	U	U	2	10*** or SB	0.1-1
Chromium	2.4	26.5	2.4	4.9	4.3	4	50*** or SB	1.5-40*
Copper	2.1 B	2.9	3.0	6.9	2.6 B	10	25 or SB	1-50
Lead	1.3	1.1	1.1	1.3	1.7	35	SB	200-500**
Mercury	U	U	U	U	U	0.2	0.1	0.001-0.2
Nickel	1.0 B	2.3 B	1.4 B	1.7 B	1.8 B	38	13 or SB	0.5-25
Selenium	0.71	U	U	U	U	5	2 or SB	0.1-3.9
Silver	U	U	U	U	U	7	SB	----
Thallium	U	1.2	1.0	0.77 B	U	5	SB	----
Zinc	3.2	5.7	4.3	5.9	4.4	12	20 or SB	9-50

QUALIFIERS:

U: Analyzed for but not detected.

B: Concentration is less than the CRDL but greater than the IDL.

NOTES:

---- : Not established.

SB : Site background.

▒▒ : Value exceeds NYSDEC TAGM 4046 Appendix A Criteria.

* : New York State Background.

** : Background for metropolitan or suburban areas.

*** : Revised criteria.

TABLE 4-3 (continued)
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
PRIORITY POLLUTANT METALS

SAMPLE IDENTIFICATION	BCSS-1		FB-1		FB-2		FB-1		INSTRUMENT DETECTION LIMIT	NYSDEC TAGM 4046 APPENDIX A CRITERIA	EASTERN USA BACKGROUND
SAMPLE DEPTH	0-2 FT		NA		NA		NA				
DATE OF COLLECTION	02/20/95		7/09/96		7/09/96		10/04/96				
DILUTION FACTOR	1		1		1		1				
PERCENT SOLIDS	94		0		0		0				
UNITS	(mg/kg)		(ug/L)		(ug/L)		(ug/L)		(ug/L)	(mg/kg)	(mg/kg)
Antimony		U		U		U		U	31	SB	----
Arsenic	1.7	B		U		U		U	5	7.5 or SB	3-12*
Beryllium		U		U		U		U	4	0.16 or SB	0-1.75
Cadmium		U		U		U		U	2	10*** or SB	0.1-1
Chromium	8.1			U		U		U	4	50*** or SB	1.5-40*
Copper	4.1	B		U		U	25.5		10	25 or SB	1-50
Lead	2.5		2.2	B		U		U	35	SB	200-500**
Mercury		U		U		U		U	0.2	0.1	0.001-0.2
Nickel	3.3	B		U		U		U	38	13 or SB	0.5-25
Selenium	0.98	B		U		U		U	5	2 or SB	0.1-3.9
Silver		U		U		U		U	7	SB	----
Thallium		U		U		U		U	5	SB	----
Zinc	14.3		17.6	B		U	50.8		12	20 or SB	9-50

QUALIFIERS:

U: Analyzed for but not detected.

B: Concentration is less than the CRDL but greater than the IDL.

NOTES:

---- : Not established.

SB : Site background.

▒▒ : Value exceeds NYSDEC TAGM 4046 Appendix A Criteria.

* : New York State Background.

** : Background for metropolitan or suburban areas.

*** : Revised criteria.

NA : Information not applicable.

Four additional samples were collected from boring BLP-2 at depths of 18-20 ft, 20-22 ft, 22-24 ft and 27-29 ft. The results indicate exceedances of NYSDEC TAGM 4046 Appendix A criteria for copper (111 mg/kg), mercury (0.41 mg/kg) and zinc (107 mg/kg) in BLP-2 (18'-20'). These concentrations each also exceed the upper limit of the corresponding background soil concentration ranges. No other exceedances were detected in soil samples collected from BLP-2.

Five samples were collected from BLP-3 at depths of 15-17 ft, 17-19 ft, 19-21 ft, 21-23 ft and 27-29 ft. The results indicate that exceedances of NYSDEC TAGM 4046 Appendix A criteria were detected in sample BLP-3 (15'-17') for copper (30.8 mg/kg), mercury (0.54 mg/kg) and zinc (37.2 mg/kg). However, of these results only the concentration of mercury detected in BLP-3 (15'-17') exceeds the upper limit of the corresponding background soil concentration range.

Five samples were collected from BLP-4 at depths of 14-16 ft, 16-18 ft, 18-20 ft, 20-22 ft and 27-29 ft. The results indicate that mercury was detected in four of the five samples at concentrations above TAGM 4046 Appendix A criteria. In addition, the concentration of mercury in samples BLP-4 (14'-16'), BLP-4 (16'-18') and BLP-4 (27'-29') exceeds the upper limit of the corresponding background soil concentration range.

Five samples were collected from BLP-5 at depths of 14-16 ft, 16-18 ft, 18-20 ft, 20-22 ft and 27-29 ft. Metals were found at concentrations above TAGM 4046 Appendix A criteria in four of the five samples. In sample BLP-5 (14'-16'), mercury was detected at a concentration of 0.18 mg/kg; in sample BLP-5 (16'-18'), mercury was detected at a concentration of 0.13 mg/kg; in sample BLP-5 (20'-22'), beryllium and mercury were identified at concentrations of 0.34 mg/kg and 0.21 mg/kg, respectively; and, in sample BLP-5 (27'-29'), beryllium was identified at a concentration of 0.28 mg/kg, mercury was identified at a concentration of 0.23 mg/kg and zinc was identified at a concentration of 21.2 mg/kg. The concentrations of mercury detected in samples BLP-5 (20'-22') and BLP-5 (27'-29') are above the upper limit of the background soil concentration range. All other results for the soil samples collected from BLP-5 are below or within the background concentration ranges.

Five samples were collected from BLP-6 at depths of 14-16 ft, 16-18 ft, 18-20 ft, 20-22 ft and 27-29 ft. No exceedances were detected in the samples collected from BLP-6.

Drum Storage Area and Chemical Storage Shed

As described in Section 3.0, one soil boring (BCSS-1) was advanced adjacent to the chemical storage shed in an area used to store 55-gallon drums. Soil sample BCSS-1 (0'-2') was analyzed for VOCs, SVOCs, and priority pollutant metals.

As shown in Table 4-1, with the exception of methylene chloride, VOCs were not detected in BCSS-1 (0'-2'). Methylene chloride is a common laboratory chemical and since this compound was also detected in the blanks, its presence in the environmental sample can be attributed to laboratory contamination.

Four SVOCs were detected in soil sample BCSS-1 (0'-2') as shown on Table 4-2. However, in each case, the concentration detected is below the corresponding NYSDEC TAGM 4046 Appendix A criteria. The priority pollutant metals detected in soil sample BCSS-1 (0'-2'), shown on Table 4-3, are also all below the NYSDEC TAGM 4046 Appendix A criteria.

Monitoring Well Borehole Sampling

As described in Section 3.0, in addition to the sampling of the soil borings, soil samples were also collected from the boreholes of the three on-site monitoring wells (MW-1, MW-2, and MW-4) installed at the B.O.C.E.S. Site. One soil sample from each monitoring well was analyzed for VOCs and total petroleum hydrocarbons (TPHCs) by Method 418.1. Samples exceeding 100 mg/kg of TPHCs were also analyzed for fuel related constituents (Method 310-13), and polychlorinated biphenyls (PCBs) (Method 8080).

With the exception of methylene chloride and acetone, VOCs were not detected in the samples MW-1 (43'-45'), MW-2 (45'-47'), or MW-4 (40'-42') (see Table 4-1). As stated

previously, methylene chloride is a common laboratory chemical and, since both of these compounds were also detected in the blanks, their presence in the environmental sample can be attributed to laboratory contamination.

With regard to the analyses for total petroleum hydrocarbons (TPHC), Table 4-4 shows that the only soil sample exceeding 100 mg/kg of TPHCs, and submitted for further analysis, was the sample collected from the borehole for well MW-2 (45'-47'). However, as shown on Table 4-4, no fuel-related constituents were detected in the sample. Furthermore, as shown in Table 4-5, no PCBs were detected in sample MW-2 (45'-47').

4.2 Groundwater Sampling

As stated in Section 3.0, one groundwater sample was collected from each of the five monitoring wells MW-1, MW-2, MW-3, MW-4 and 10631 and analyzed for VOCs (Method 8240), SVOCs (Method 8270), and priority pollutant metals (Method 6010). The results of the analyses are compared to the NYSDEC Class GA Groundwater Standards/Guidelines in the discussion which follows.

As indicated on Table 4-6, methylene chloride was detected in all of the groundwater samples above the Class GA Standard of 5 ug/l, however, since this compound is a common laboratory chemical and was also detected in the blanks, its presence in the environmental samples can be attributed to laboratory contamination. The VOC trichloroethene was detected above the NYSDEC Class GA Groundwater Standard of 5 ug/l in upgradient well MW-1 (8 ug/l, estimated), and downgradient wells MW-3 (7 ug/l, estimated), and 10631 (18 ug/l).

As indicated on Table 4-7, SVOCs were not detected at concentrations above the NYSDEC Class GA Groundwater Standards/Guidelines in any of the samples collected. The SVOC bis (2-ethylhexyl) phthalate was detected in each well sample, but in all cases below the NYSDEC standard of 50 ug/l.

TABLE 4-4
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
TOTAL PETROLEUM HYDROCARBONS, FINGERPRINT 310.13

SAMPLE IDENTIFICATION	MW-1	MW-2	MW-4
SAMPLE DEPTH	43-45 FT	45-47 FT	40-42 FT
DATE OF COLLECTION	2/20/96	2/12/96	2/15/96
DILUTION FACTOR	1	1	1
PERCENT SOLIDS	83	95	94
COMPOUND	(mg/kg)	(mg/kg)	(mg/kg)
Total Petroleum Hydrocarbons	25	220	24
Gasoline	NA	U	NA
TPH (as Gasoline)	NA	U	NA
Kerosene	NA	U	NA
TPH (as Kerosene)	NA	U	NA
#2 Fuel Oil	NA	U	NA
TPH (as #2 Fuel Oil)	NA	U	NA
#6 Fuel Oil	NA	U	NA
Lubricating Oil	NA	U	NA
TPH (as Jet Fuel)	NA	U	NA
TPH (as Hydraulic Oil)	NA	U	NA
TPH (as 10W40 Motor Oil)	NA	U	NA

QUALIFIERS:
U: Compound analyzed for but not detected.
NA: Not analyzed.

TABLE 4-5
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
SOIL BORING SAMPLING RESULTS
PCBs

SAMPLE IDENTIFICATION	MW-2	CONTRACT REQUIRED DETECTION LIMIT	NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVES*
SAMPLE DEPTH	45-47 FT		
DATE OF COLLECTION	02/12/96		
DILUTION FACTOR	1		
PERCENT SOLIDS	95		
COMPOUNDS	(ug/kg)	(ug/kg)	(ug/kg)
Aroclor-1016	U	0.50	10000
Aroclor-1221	U	0.50	10000
Aroclor-1232	U	0.50	10000
Aroclor-1242	U	0.50	10000
Aroclor-1248	U	0.50	10000
Aroclor-1254	U	0.50	10000
Aroclor-1260	U	0.50	10000
TOTAL PCBs	0		

QUALIFIERS:
U: Compound analyzed for but not detected.

NOTES:
* : Value applies to the sum of these substances.

TABLE 4-6
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
GROUNDWATER SAMPLING RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	MW-1	MW-2	MW-3	MW-4	10631	FB	TB	CONTRACT REQUIRED DETECTION LIMIT	NYSDEC CLASS GA GROUNDWATER STANDARD/GUIDELINE
DATE OF COLLECTION	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96		
DILUTION FACTOR	1	1	1	1	1	1	1		
VOLATILE ORGANICS	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Chloromethane	U	U	U	2 J	U	U	U	10	5 ST
Bromomethane	U	U	U	U	U	U	U	10	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	10	2 ST
Chloroethane	U	U	U	U	U	U	U	10	5 ST
Methylene Chloride	8 JB	8 JB	6 JB	9 JB	8 JB	14 B	10 B	10	5 ST
Acetone	U	U	U	3 JB	6 JB	U	3 JB	10	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	10	----
1,1-Dichloroethene	U	U	U	U	U	U	U	10	5 ST
1,1-Dichloroethane	U	U	U	U	U	U	U	10	5 ST
1,2-Dichloroethene (total)	U	U	U	U	U	U	U	10	5 ST*
Chloroform	U	U	U	U	U	U	U	10	7 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	10	5 ST
2-Butanone	U	U	U	U	U	U	U	10	50 GV
1,1,1-Trichloroethane	U	U	U	U	4 J	U	U	10	5 ST
Carbon Tetrachloride	U	U	U	U	U	U	U	10	5 ST
Bromodichloromethane	U	U	U	U	U	U	U	10	50 GV
1,2-Dichloropropane	U	U	U	U	U	U	U	10	5 ST
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	10	5 ST
Trichloroethene	8 J	U	7 J	U	10	U	U	10	5 ST
Dibromochloromethane	U	U	U	U	U	U	U	10	50 GV
1,1,2-Trichloroethane	U	U	U	U	U	U	U	10	5 ST
Benzene	U	U	U	U	U	U	U	10	0.7 ST
Trans-1,3-Dichloropropene	U	U	U	U	U	U	U	10	5 ST
Bromoform	U	U	U	U	U	U	U	10	50 GV
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	10	----
2-Hexanone	U	U	U	U	U	U	U	10	50 GV
Tetrachloroethene	U	U	U	U	U	U	U	10	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	10	5 ST
Toluene	U	U	U	U	U	U	U	10	5 ST
Chlorobenzene	U	U	U	U	U	U	U	10	5 ST
Ethylbenzene	U	U	U	U	U	U	U	10	5 ST
Styrene	U	U	U	U	U	U	U	10	5 ST
Total Xylenes	U	U	U	U	U	U	U	10	5 ST*
Vinyl Acetate	U	U	U	U	U	U	U	10	----
TOTAL VOCs	16	8	15	14	36	14	13		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at concentration below the CRDL, value estimated
NA: Not Applicable

NOTES
GV: Guidance Value
ST: Standard
----: Not established
:Value exeeds standard/guideline
* : Applies to each isomer individually

TO DETERMINE THE DETECTION LIMIT FOR EACH SAMPLE, USE THE FOLLOWING EQUATION: (DILUTION FACTOR)*(CONTRACT REQUIRED DETECTION LIMIT)

GACBOWVO/mv/cw

02/03/97

TABLE 4-7
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
GROUNDWATER SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	MW-1	MW-2	MW-3	MW-4	10631 ***	FB	CONTRACT REQUIRED DETECTION LIMIT	NYSDEC CLASS GA GROUNDWATER STANDARDS/ GUIDELINES
DATE OF COLLECTION	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96		
DILUTION FACTOR	1	1	1	1	1	1		
SEMIVOLATILE ORGANIC COMPOUND	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Phenol	U	U	U	U	U	U	10	1 ST **
bis(2-Chloroethyl)ether	U	U	U	U	U	U	10	1.0 ST
2-Chlorophenol	U	U	U	U	U	U	10	1 ST **
1,3-Dichlorobenzene	U	U	U	U	U	U	10	5 ST
1,4-Dichlorobenzene	U	U	U	U	U	U	10	4.7 ST *
1,2-Dichlorobenzene	U	U	U	U	U	U	10	4.7 ST *
2-Methylphenol	U	U	U	U	U	U	10	1 ST **
2,2'-oxybis(1-chloropropane)	U	U	U	U	U	U	10	5 ST
4-Methylphenol	U	U	U	U	U	U	10	1 ST **
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	10	----
Hexachloroethane	U	U	U	U	U	U	10	5 ST
Nitrobenzene	U	U	U	U	U	U	10	5 ST
Isophorone	U	U	U	U	U	U	10	50 GV
2-Nitrophenol	U	U	U	U	U	U	10	1 ST **
2,4-Dimethylphenol	U	U	U	U	U	U	10	1 ST **
2,4-Dichlorophenol	U	U	U	U	U	U	10	1 ST **
1,2,4-Trichlorobenzene	U	U	U	U	U	U	10	5 ST
Naphthalene	U	U	U	U	U	U	10	10 GV
4-Chloroaniline	U	U	U	U	U	U	10	5 ST
Hexachlorobutadiene	U	U	U	U	U	U	10	5 ST
bis(2-Chloroethoxy)methane	U	U	U	U	U	U	10	5 ST
4-Chloro-3-methylphenol	U	U	U	U	U	U	10	1 ST **
2-Methylnaphthalene	U	U	U	U	U	U	10	----
Hexachlorocyclopentadiene	U	U	U	U	U	U	10	5 ST
2,4,6-Trichlorophenol	U	U	U	U	U	U	10	1 ST **
2,4,5-Trichlorophenol	U	U	U	U	U	U	25	1 ST **
2-Chloronaphthalene	U	U	U	U	U	U	10	10 GV
2-Nitroaniline	U	U	U	U	U	U	25	5 ST
Dimethylphthalate	U	U	U	U	U	U	10	50 GV
Acenaphthylene	U	U	U	U	U	U	10	----
2,6-Dinitrotoluene	U	U	U	U	U	U	10	5 ST
3-Nitroaniline	U	U	U	U	U	U	25	5 ST
Acenaphthene	U	U	U	U	U	U	10	20 GV

QUALIFIERS:
J: Compound found at a concentration below the CRDL, value estimated.
U: Compound analyzed for but not detected.

NOTES:
ST: Standard
GV: Guidance Value
----: Not established
*: Value pertains to the sum of the isomers
**: Value pertains to total phenols
***: Results from the re-extracted sample

TABLE 4-7 (continued)
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
GROUNDWATER SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	MW-1	MW-2	MW-3	MW-4	10631 ***	FB	CONTRACT REQUIRED DETECTION LIMIT	NYSDEC CLASS GA GROUNDWATER STANDARDS/ GUIDELINES
DATE OF COLLECTION	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96		
DILUTION FACTOR	1	1	1	1	1	1		
SEMIVOLATILE ORGANIC COMPOUND	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
2,4-Dinitrophenol	U	U	U	U	U	U	25	1 ST **
4-Nitrophenol	U	U	U	U	U	U	25	1 ST **
Dibenzofuran	U	U	U	U	U	U	10	----
2,4-Dinitrotoluene	U	U	U	U	U	U	10	5 ST
Diethylphthalate	U	U	U	U	U	U	10	50 GV
4-Chlorophenyl-phenylether	U	U	U	U	U	U	10	----
Fluorene	U	U	U	U	U	U	10	50 GV
4-Nitroaniline	U	U	U	U	U	U	25	5 ST
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	25	----
N-Nitrosodiphenylamine	U	U	U	U	U	U	10	50 GV
4-Bromophenyl-phenylether	U	U	U	U	U	U	10	1 ST **
Hexachlorobenzene	U	U	U	U	U	U	10	0.35 ST
Pentachlorophenol	U	U	U	U	U	U	25	1 ST **
Phenanthrene	U	U	U	U	U	U	10	50 GV
Anthracene	U	U	U	U	U	U	10	50 GV
Carbazole	U	U	U	U	U	U	10	----
Di-n-butylphthalate	U	U	U	U	U	U	10	50 ST
Fluoranthene	U	U	U	U	U	U	10	50 GV
Pyrene	U	U	U	U	U	U	10	50 GV
Butylbenzylphthalate	U	U	U	U	U	U	10	50 GV
3,3'-Dichlorobenzidine	U	U	U	U	U	U	10	5 ST
Benzo(a)anthracene	U	U	U	U	U	U	10	0.002 GV
Chrysene	U	U	U	U	U	U	10	0.002 GV
bis(2-Ethylhexyl)phthalate	1 J	12	2 J	2 J	2 J	U	10	50 ST
Di-n-octylphthalate	U	U	U	U	U	U	10	50 GV
Benzo(b)fluoranthene	U	U	U	U	U	U	10	0.002 GV
Benzo(k)fluoranthene	U	U	U	U	U	U	10	0.002 GV
Benzo(a)pyrene	U	U	U	U	U	U	10	ND ST
Indeno(1,2,3-cd)pyrene	U	U	U	U	U	U	10	0.002 GV
Dibenzo(a,h)anthracene	U	U	U	U	U	U	10	----
Benzo(g,h,i)perylene	U	U	U	U	U	U	10	----
TOTAL PAHs	0	0	0	0	0	0		
TOTAL CARCINOGEN PAHs	0	0	0	0	0	0		
TOTAL SVOCs	1	12	2	2	2	0		

QUALIFIERS:
J: Compound found at a concentration below the CRDL, value estimated.
U: Compound analyzed for but not detected.

NOTES:
ST: Standard
GV: Guidance Value
ND: Non-Detect
----: Not established
*: Value pertains to the sum of the isomers
**: Value pertains to total phenols
***: Results from the re-extracted sample

The results of the analyses for priority pollutant metals are shown in Table 4-8. Although priority pollutant metals were detected in the groundwater samples collected from upgradient wells MW-1 and MW-2, and downgradient well MW-4, metals were not detected at levels exceeding the NYSDEC standards/guidelines in these wells. However, priority pollutant metals results exceeding the NYSDEC standards/guidelines were detected in the groundwater samples collected from downgradient wells MW-3 and USGS 10631. In the sample collected from MW-3 on February 27, 1996, cadmium (83.5 ug/l) and chromium (64.6 ug/l) were detected above the corresponding Class GA Groundwater Standards of 10 ug/l and 50 ug/l, respectively. The sample collected from 10631 contained lead (58.6 ug/l) and thallium (12.1 ug/l) at levels above the Class GA standards/guidelines of 25 ug/l and 4 ug/l, respectively. MW-3 is located off-site, and downgradient of a backfilled former recharge basin located south of the B.O.C.E.S. Site. Well 10631 is also located off-site and downgradient of the northbound lane of Hicksville Road.

Higher than expected levels of metals noted in the results of the original field blank analysis prompted a decision to reanalyze the blank. In the reanalyzed blank, the results (as shown on Table 4-8) are in the range of expected field blank concentrations (i.e., below the required contract detection limit or non-detect). It was then decided to reanalyze all of the groundwater samples for priority pollutant metals. It should be noted that Table 4-8 presents "reanalyzed" results for priority pollutant metals. Although there were slight variations, the results of the original analysis and the reanalysis are comparable with respect to exceedances of NYSDEC groundwater standards/guidance values in MW-3 and USGS 10631. Results of the original analyses are presented in Appendix D.

Additionally, well MW-3 was resampled for priority pollutant metals on May 8, 1996, and the sample was split for analysis by two laboratories: Nytest Environmental, Inc. and Ecotest Laboratories, Inc. The results of both filtered and unfiltered sample analyses are shown on Table 4-9. MW-3 was also redeveloped and resampled on July 10, 1996. The results of the July 10, 1996 sampling event are shown on Table 4-9 as well. As indicated on the table, the filtered sample results confirmed the previous exceedances for cadmium and chromium.

TABLE 4-8
NORTHROP GRUMMAN CORPORATION - BOCES
PHASE II SITE ASSESSMENT
GROUNDWATER SAMPLING RESULTS
PRIORITY POLLUTANT METALS

SAMPLE IDENTIFICATION	MW-1	MW-2	MW-3	MW-4	10631	FB	INSTRUMENT DETECTION LIMITS	NYSDEC CLASS GA GROUNDWATER STANDARD/GUIDELINE
DATE OF COLLECTION	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96		
DILUTION FACTOR	1	1	1	1	1	1		
INORGANIC CONSTITUENTS	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Antimony	U	U	U	U	U	U	8.5	3 GV
Arsenic	2.8 B	U	2.9 B	2.5 B	U	U	5.1	25 ST
Beryllium	U	U	U	U	U	U	0.2	3 GV
Cadmium	U	2.8 B	**83.5**	0.74 B	U	U	0.3	10 ST
Chromium	2.0 B	5.9 B	**64.6**	3.8 B	13.0	U	1	50 ST
Copper	36.9	29.7	19.6 B	16.2 B	36.3	U	1.7	200 ST
Lead	2.2 B	2.0 B	1.7 B	2.1 B	**58.6**	U	1.4	25 ST
Mercury	U	U	U	U	U	U	0.2	2 ST
Nickel	1.2 B	1.3 B	7.1 B	4.7 B	18.6 B	U	2	----
Selenium	U	U	U	U	8.6	U	4.4	10 ST
Silver	U	U	U	U	U	U	1.3	50 ST
Thallium	U	U	U	U	**12.1**	U	5.6	4 GV
Zinc	22.8	16.7 B	186	34.4	131	16.5 B	3.3	300 ST

QUALIFIERS:
U: Analyzed for but not detected.
B: Concentration is less than the CRDL but greater than the IDL.

NOTES:
GV: Guidance Value
ST: Standard
bold: Value exceeds standard/guideline
----: Not established

GABWMERE/mv/cw

02/03/97

TABLE 4-9
NORTHROP GRUMMAN CORPORATION
BOCES SITE
MW-3 GROUNDWATER SAMPLING RESULTS
PRIORITY POLLUTANT METALS

LABORATORY	Nytest	EcoTest	Nytest	EcoTest	Nytest	INSTRUMENT DETECTION LIMITS	NYSDEC CLASS GA GROUNDWATER STANDARD/GUIDELINE
FILTERED / UNFILTERED	Filtered	Filtered	Unfiltered	Unfiltered	Filtered		
DATE OF COLLECTION	05/07/96	05/07/96	05/07/96	05/07/96	7/10/96		
DILUTION FACTOR	1	1	1	1	1		
INORGANIC CONSTITUENTS	(ug/l)	(ug/l)	(ug/l)	(ug/l)	ug/l	(ug/l)	(ug/l)
Antimony	U	U	23 B	U	U	8.5	3 GV
Arsenic	U	U	43.2	160	7.3 B	5.1	25 ST
Beryllium	U	U	6.4	6	1.2 B	0.2	3 GV
Cadmium	74	72	372	280	69.2	0.3	10 ST
Chromium	80.5	80	682	590	83.4	1	50 ST
Copper	U	U	238	220	9.6 B	1.7	200 ST
Lead	U	U	144	130	U	1.4	25 ST
Mercury	U	U	U	0.7	U	0.2	2 ST
Nickel	4.8 B	U	105	190	10.3 B	2	----
Selenium	U	U	8.5	3	4.8 B	4.4	10 ST
Silver	U	U	79.3	60	U	1.3	50 ST
Thallium	U	U	27.6	U	U	5.6	4 GV
Zinc	222	170	1230	1200	248	3.3	300 ST

QUALIFIERS:
U: Analyzed for but not detected.
B: Concentration is less than the CRDL but greater than the IDL.

NOTES:
GV: Guidance Value
ST: Standard
----: Not established
: Value exceeds standard/guideline

Section 5

5.0 CONCLUSIONS AND RECOMMENDATIONS

This section presents conclusions and recommendations based upon the findings of the Phase II Site Assessment at the B.O.C.E.S. Site.

5.1 Sanitary Disposal System

As described in Section 4.0, volatile and semivolatile organic compounds were not detected in excess of NYSDEC TAGM 4046 Appendix A criteria in the soil samples collected from the leaching pools of the on-site sanitary disposal system (BLP-1 and BLP-2). However, exceedances of the NYSDEC TAGM 4046 Appendix A criteria for priority pollutant metals and the upper limit of the range of background soil contaminant concentrations published in TAGM 4046 were detected in several samples. A summary of the exceedances is presented below.

SUMMARY OF EXCEEDANCES
DETECTED IN SANITARY DISPOSAL SYSTEM

Sample ID	Metals Detected Above TAGM 4046 Appendix A Criteria	Metals Detected Above Background Concentration Range
BLP-1 (14'-16')	Chromium, Copper, Mercury, Nickel and Zinc	Chromium, Copper, Mercury, Nickel and Zinc
BLP-1 (16'-18')	Copper, Mercury and Zinc	Mercury
BLP-1 (27'-29')	Beryllium and Mercury	None
BLP-2 (18'-20')	Copper, Mercury and Zinc	Copper, Mercury and Zinc
BLP-3 (15'-17')	Copper, Mercury and Zinc	Mercury
BLP-4 (14'-16')	Mercury	Mercury
BLP-4 (16'-18')	Mercury	Mercury
BLP-4 (18'-20')	Mercury	None
BLP-4 (27'-29')	Mercury	Mercury
BLP-5 (14'16')	Mercury	None
BLP-5 (16'-18')	Mercury	None
BLP-5 (20'-22')	Beryllium and Mercury	Mercury
BLP-5 (27'-29')	Beryllium, Mercury and Zinc	Mercury

A sanitary disposal system dye test completed by Dvirka and Bartilucci Consulting Engineers in July 1996 confirmed that, at that time, all the sanitary disposal system fixtures in the B.O.C.E.S. building discharged to the on-site sanitary disposal system. This included a slop sink, wash sinks in the hangars and a floor drain in the boiler room. As stated previously in Section 2, NGC has shut down the building, removed the slop sink and sealed the floor drain. In addition, the leaching pools have been taken out-of-service and NGC is implementing steps to connect the B.O.C.E.S. building to the County sewer system. Therefore, it is recommended that GAC proceed with closure of the sanitary disposal system in accordance with the Nassau County Department of Health "Floor Drain and Dry Well Closure Procedures." Prior to proceeding with the closure, however, the NCDOH should be notified of the planned activities. Additionally, a closure plan may be required. Assuming the background contaminant concentration ranges are used, it is expected that NCDOH will require removal of approximately 4' of soil from Leaching Pool 1, 2' of soil from Leaching Pool 2, 2' of soil from Leaching Pool 3 and 4' of soil from Leaching Pool 4 or removal of the maximum amount of soil possible without physically undermining the ring structures, whichever depth is less. However, it should be noted that NCDOH "...maintains discretion based on site specific conditions ... for all remediations performed...."

As indicated in the table above, outside the leaching pools, in soil borings BLP-5 and BLP-6, located 5' and 10' from the center of Leaching Pool 1, respectively, exceedances of the upper limit of the background soil contaminant concentration ranges were confined to sample BLP-5 (20'-22') and BLP-5 (27'-29'). Mercury was detected in BLP-5 (20'-22') at 0.21 mg/kg and in BLP-5 (27'-29') at 0.23 mg/kg. The upper limit of the background range for mercury is 0.20 mg/kg. Therefore, the contamination appears to be isolated and the concentrations detected only marginally exceed the upper limits of the background soil contaminant concentration range. Excavation of this material would not appear to be warranted if the leaching pools, which are believed to be the source of the contamination, are remediated and properly closed as discussed above.

5.2 Drum Storage Area and Chemical Storage Shed

As described in Section 4.1, VOCs, SVOCs, and priority pollutant metals were not detected in excess of NYSDEC cleanup objectives in soil sample BCSS-1 (0'-2') collected at the drum storage area near the chemical storage shed. Therefore, no further investigation is warranted in this area.

5.3 Groundwater Quality

As described in Section 4.2, the VOC trichloroethene was detected in excess of the NYSDEC Class GA groundwater standard in three of the five monitoring wells (MW-1, MW-3, and USGS 10631) in and around the B.O.C.E.S. Site. Two of these wells (MW-3 and USGS 10631) are off-site, and downgradient. MW-1 is upgradient of the B.O.C.E.S. building near the northern boundary of the site. It should be noted that trichloroethene has been detected in groundwater monitoring well samples at several locations on the GAC Bethpage property. There is no indication that the trichloroethene detected in MW-1, MW-3, or USGS 10631 originates from the B.O.C.E.S. property.

As stated previously, priority pollutant metals in excess of NYSDEC groundwater standards were not detected in groundwater samples from any of the on-site monitoring wells (MW-1, MW-2, and MW-4). However, the laboratory analysis indicated that priority pollutant metals in excess of the NYSDEC Class GA groundwater standards were detected in the groundwater samples collected from the two off-site monitoring wells, MW-3 (cadmium and chromium) and 10631 (lead and thallium). MW-3 is located in the southwest corner of a former recharge basin that has since been backfilled and is downgradient (south) of the B.O.C.E.S. Site. NGC has contacted the NYSDEC regarding this matter and additional action by NGC is underway. Monitoring Well 10631 is located in the median of Hicksville Road. Since there are no known sources of these contaminants on the B.O.C.E.S. Site which can be attributed to this contamination, it would appear that off-site sources are resulting in the contamination detected in wells MW-3 and 10631.

Appendix A

APPENDIX A

BORING LOGS

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER
Driller Emington/W. Roland	PROJECT NAME Grumman BOCES Phase II	BMW-1
Inspector D. Obradovich	PROJECT # 1167-W	Sheet 1 of 2
Rig Type CME 55	Location/Address Bethpage, N.Y.	Boring Location ~NW of NW corner of BOCES Bldg
Drilling Method 4¼" ID HSA		
Drive Hammer Weight 140 lbs.		

GROUNDWATER OBSERVATIONS			Weather Overcast, raining, cool	Plot Plan
Water Level	43.24			gate 25' BMW-1 15' N BOCES Bldg
Time	~~[illegible]~~ 900		Date/Time Start 2/20/96 900 am	
Date	2/21/96		Date/Time Finish 2/20/96 400 pm	
Casing Depth	56.0			

Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
0-2	1	15	0.3	(0-2') Br. f-m SAND, some (-) silt, little (+) f-c gravel, v moist (0-3" asphalt)		
Rec	10"	16				
		11				
		8				
2-4'	2	8	0.2	(2-4') Lt. br. f-m SAND, little (+) silt + f-c gravel, moist		
Rec.	15"	6				
		10				
		7				
4-6'	3	8	0.1	(4-6') Tan-orange f-c SAND, some (+) f-c gravel, tr. silt + cobble, moist		
Rec	8"	11				
		12				
		8		(6-8') Tan-orange f-m SAND, tr. (-) sand (little (+) f-c gravel @ 8-10"), moist		
6-8'	4	7	0.1			
Rec	10"	12				
		12				
		11				
8-10'	5	8	0.2	(8-10') Tan-lt. orange f-c SAND, some (-) f-c gravel, tr. (+) silt, moist		
Rec	12"	11				
		12				
		13				
				Cuttings down to 15'		
				↓		
15-17'	6	10	0.1	(15-17') Tan-orange f-c SAND, little (+) f-c gravel, moist (tr. silt)		
Rec.		7				
		8				
		9				

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER BMW-1
Driller W. Roland / Emmgton	PROJECT NAME Grumman BOCES Phase II	Sheet 2 of 2
Inspector D Obradovich	PROJECT # 1167-W	Boring Location —
Rig Type CME-55.	Location/Address Bethpage, N.Y.	
Drilling Method 4¼" ID HSA		
Drive Hammer Weight 140 lbs.		

GROUNDWATER OBSERVATIONS			
Water Level	—		
Time	—		
Date	—		
Casing Depth	—		

Weather Overcast, raining

Date/Time Start 2/20/96 9⁰⁰ am.

Date/Time Finish 2/20/96 4⁰⁰ pm

Plot Plan —

Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
20-22'	7	10	0.4	(20-22') Tan f-c SAND, some(-) f-c gravel, moist		
Rec.		11				
		7				
		7				
25-27'	8	12	0.0	(25-27') 0-13" white-tan-orange f-m SAND, little(-) silt 13-16' Br-grey and orange-br. silt lenses, moist		
Rec	16"	11				
		12				
		11				
30-32'	9	12	-	(30-32') No recovery, cobble stuck in spoon end		
Rec	0"	13				
		12				
		12				
35-37'	10	9	0.0	(35-37') 0-7" Br-orange vf-m SAND, little(-) silt, moist 7-17" Br-white-tan v.f.-m SAND w/ occasional red-orange silt (tr. clay) lenses, moist		
Rec.	17"	9				
		8				
		10				
40-42'	11	9	2.0	(40-42') 0-5" Br-grey SILT and v.f. sand, moist 5-15' Orange-red-white f-c SAND, tr. silt, moist		
Rec	15"	8				
		7				
		6				
43-45'	12	9	0.0	(43-45') Br-orange f-m sand, little to silt, M moist		* Collected analytical sample from 43-45' bg
~~45-47'~~	10"	10		(45-47') Br-orange f-c SAND, little (+) silt (some f-m gravel), wet		
~~Rec~~		9				
		10				
45-47'	13	8	0.0			
Rec	8"	8				
~~50-52'~~		9		(50-52') Tan m-V.C SAND, some (-) f-c gravel, little(-) silt, wet		
~~Rec.~~		9				
50-52'	14	8	0.0			
Rec.	12"	7				
		6		(55-57') Tan-f-c sand, some(-) f-c gravel, little(-) silt, wet		
~~55~~		7				
55-57'	15	8	0.0			
Rec	14	9				
		6		END OF SOIL BORING AT feet below grade		
		5				

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER BMW-2
Driller Emington/W. Roland	PROJECT NAME Grumman BOCES Phase II	Sheet 1 of 2
Inspector D. Obradovich	PROJECT # 1167-W	Boring Location 115' east of bldg and 10' south of fence
Rig Type CME 55	Location/Address Bethpage, N.Y.	
Drilling Method 4¼" ID HSA		
Drive Hammer Weight 140 lbs.		

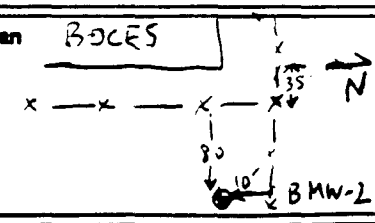
GROUNDWATER OBSERVATIONS			
Water Level	45.24' TOC		
Time	400		
Date	2/12/96		
Casing Depth	58.5'		

Weather Sunny, cold, v. windy

Date/Time Start 2/12/96 1000 hrs

Date/Time Finish 2/12/96 1600 hrs

Plot Plan BOCES



Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
0-2'	1	9	0.3	(0-2') 0-3" asph. 3-12" Br. f-c SAND), little f-c (+) gravel, tr (+) silt 12-20" Br.-orange SILT, little f-c sand + clay, moist		
Rec.	20"	5				
		4				
		4				
2-4	2	9	0.3	(2-4') Br. f-c SAND, some f-c gravel, moist		
Rec.	5"	8				
		8				
		7				
4-6'	3	4	0.6	(4-6') 0-5" Br. m-c SAND and SILT (little (-) clay 5-11" Red-br SILT intermixed w/ grey SILT, little (-) clay tr. v.f. sand, moist		
Rec.	11"	4				
		5				
		6				
6-8'	4	6	0.8	(6-8') 0-7" Orange-red m-c SAND, tr. f sand, moist (tr. silt) 7-12" Red-br. SILT intermixed w/ grey SILT (tr. clay). (m-c gravel @ 5-7"), moist		
Rec.	12"	8				
		14				
		22				
8-10'	5	8	0.4	(8-10') Red-orange m-c SAND, tr. f sand + silt, moist		
Rec.		12				
		15		Cuttings to 15'		
		18				
15-17'	6	7	0.5	(15-17') Tan f-v.c SAND little f-c gravel (0-3") 3-14" Tan m SAND, little c sand + v.f gravel, moist		
Rec.	14"	9				
		9				
		10		Cuttings		

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER BMW-2
Driller Emington/W. Roland	PROJECT NAME Grumman BOCES Phase II	Sheet 2 of 2
Inspector D'Obradovich	PROJECT # 1167-W	Boring Location –
Rig Type CME-55	Location/Address Bethpage NY	
Drilling Method 4 1/4" ID HSA		
Drive Hammer Weight 140 lbs.		

GROUNDWATER OBSERVATIONS			
Water Level	46'		
Time	2:30		
Date	2/15/96		
Casing Depth	56.5		

Weather Sunny, cold, v. windy

Date/Time Start 2/12/96 10:00 am

Date/Time Finish 2/12/96 4:00 pm

Plot Plan

Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
20-22'	7	7	1.8	(20-22') Grey-tan-lt. br. v.f-m SAND, little(+) f-c gravel (0-8") 8-13" Orange-tan v.f-m SAND tr. silt, moist		
Rec.	13'	8				
		8				
		7				
25-27'	8	11	0.0	(25-27') 0-4" Iron stained red v.f. sand layered w/ grey silt 4-7" Iron-stained red v.f-c sand, tr. silt 7-14" Orange-red f-c sand, little (+) f-c gravel, iron stained sand, moist		
Rec.	14"	13				
		14				
		12				
30-32'	9	9	0.0	(30-32') Orange red brown v.f-m SAND, tr. silt, moist		
Rec.	16"	11				
		14				
		13				
35-37'	10	10	0.0	(35-37') Tan m-v.c SAND, some (-) m-c gravel, moist, tr. cobble + silt		
Rec.	6"	13				
		14				
		17				
40-42'	11	14	0.0	(40-42') Tan-f-c SAND, some f-c gravel, tr. silt + tr. cobble, moist		
Rec.	4"	13				
		13				
		16				
45-47'	12	15	0.0	(45-47') 0-12" Br. f-m SAND, tr. silt, v. moist 12-16" Br. f-m SAND, wet	▽ GW	* collected analytical sample from 45-47'
Rec.	16"	17				
		17				
		19				
55-52'	13	11	0.0	(50-52') Tan f-v.c sand, little f-c gravel, wet		
Rec.	18"	15				
		15				
		12				
				END OF SOIL BORING AT 59' below grade		

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER
Driller Emington/W. Roland	PROJECT NAME Grumman BOCES Phase II	BMW-3
Inspector D. Obradovich	PROJECT # 1167-W	Sheet 1 of 2
Rig Type CME 55	Location/Address Bethpage, N.Y.	Boring Location 170' South of BOCES Facility Bldg ~~near~~ of center of south wall
Drilling Method 4¼" ID HSA		
Drive Hammer Weight 140 lbs.		

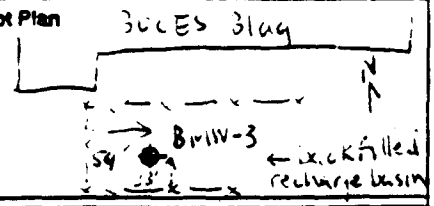
GROUNDWATER OBSERVATIONS			
Water Level	45.9		
Time	1030		
Date	2-16	96	
Casing Depth	56'		

Weather Mostly Cloudy, cold

Date/Time Start 2/15/96 300 pm

Date/Time Finish 2/16/96 1230 pm

Plot Plan



Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
(0-2')	1		0.5	(0-2') Br. f-c SAND, some(-) silt, little(-) fine gravel, v. loose, moist		
Rec.	16"	15				
		9				
		13		(2-4') No recovery		
2-4	2	10	-			
Rec.	0"	14				
		15				
		12		(4-6') Blk-br. f-m sand & org silt, moist, tr. f. gravel		
(4-6')	3	4	1.4			
Rec	2"	4				
		4		(6-8') Br.-blk f-m sand & org silt, tr(+) f-m gravel, moist		
		6				
6-8'	4	7	1.5			
Rec.	2"	5				
		7				
		5		(8-10') Br. grey-orange f-c sand, some(+) f-c gravel, little(-) silt (few grey-dk grey silt lenses (~5-10 mm thick), v. moist-wet		
8-10	5	8	0.2			
Rec.	13"	10				
		12				
		8				
				Cuttings to 15' bg		
				↓		
15-17'	6	10	1.3	(15-17') Tan-white-orange f-c GRAVEL and f-c sand, tr silt, v. moist		
Rec.	13"	9				
		8				
		8		Cuttings		
				↓		

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DYIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	
Driller W. Rolland / Emington	PROJECT NAME Grumman Bethpage Phase II	BORING NUMBER BMW-3
Inspector D. Chiudevich		Sheet 2 of 2
Rig Type CME-55	PROJECT # 1107W	Boring Location –
Drilling Method 4 1/4" ID HSA	Location/Address Bethpage, NY.	
Drive Hammer Weight 140 lbs.		

GROUNDWATER OBSERVATIONS				Weather M. Cloudy, cold	Plot Plan –
Water Level	45.9				
Time	10:00			Date/Time Start 2-15-96 300 pm	
Date	2-16-96			Date/Time Finish 2-16-96 12:30 pm	
Casing Depth	56'				

Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
20-22	7	3	1.4	(20-22') Tan-white-lt orange f-c SAND and f-c gravel, v. silt + cobble, v. moist		
Rec.	16"	11				
		13				
		10				
25-27	8	11	13	(25-27') Tan-white f-c SAND, some f-c gravel, little (-) cobble, tr. silt, v moist		
Rec	12"	11				
		12				
		9				
30-32'	9	8	19	(30-32') Tan f-c SAND some (-) f-c gravel, tr. cobble + silt, v moist		
Rec.	9"	11				
		9				
		13				
35-37'	10	10	2.0	(35-37') White crushed qtz (f-c sized gravel) little (+) orange f-c sand, moist		
Rec.	4"	10				
		10				
		11				
40-42'	11	9	-	(40-42') No recovery 2nd attempt 2" recovery Tan f-c sand 1.4 ppm		
Rec	0"	4				
		6				
		4		(42-44') Tan-white f-c sand and f-c gravel, tr. silt, v. moist		*Collected analytical sample from (42-44')
42-44	12	10	1.9			
Rec.	6"	11				
		10				
		10		(45-47') 0-8" Tan f-v.c sand, some (-) f-m gravel, wet 8-14" orange-br. f-m sand, wet		
45-47	13	12	2.2			
Rec.	14"	11				
		11				
		8		(50-52') 0-4" orange-br v.f-m SAND, + + silt 4-4.5" Iron-stained conglomerate? maroon-red, unlayered w/ grey silt 4.5-7" Br.-grey f-m sand, some v.c-c gravel & little silt (occasional lenses)		
50-52'	14	12	0.4			
Rec.	7"	14				
		13				
		11		(55-57') 0-10" Br. v.f-m SAND, tr. silt 10-13" Layered red iron-stain v.f. sand + grey silt (5 mm lens) + blk silt lens, moist		
55-57'	15	10	0.8			
Rec.	13"	10				
		15				
		14		End of Boring @ 59' bg		

Soil Stratigraphy Summary

SPT = STANDARD PENETRATION TEST

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER BMW-4
Driller Emington/W. Roland	PROJECT NAME Grumman BOCES Phase II	Sheet 1 of 2
Inspector D. Obradovich	PROJECT # 1167-W	Boring Location 7' east of fenceline south of chemical shed
Rig Type CME 55	Location/Address Bethpage, N.Y.	
Drilling Method 4 1/4" ID HSA		
Drive Hammer Weight 140 lbs.		

GROUNDWATER OBSERVATIONS			
Water Level			
Time			
Date			
Casing Depth			

Weather mostly cloudy, cold

Date/Time Start 2-15-96 900 am

Date/Time Finish 2-15-96 300 pm

Plot Plan: BOCES Bldg; chemical shed; BMW-4; 7'; 7'; N

Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
0-2	1	10	1.3	(0-2') 0-11" Br. f-m SAND & silt some f-c gravel, tr. clay ~~moist~~		
Rec.	11"	10				
		31				
		59				
2-4'	2	20	0.2	(2-4') Lt. br. v f-m SAND & silt little (+) m-c gravel, tr. clay, moist		
Rec.	10"	20				
		40				
		33				
4-6'	3	12	0.0	(4-6') Orange-tan f-c SAND, some f-c gravel, little(-) silt, v moist		
Rec.	10"	21				
		18				
		24				
6-8'	4	19	0.0	(6-8') Orange-red f-c gravel, some f-c sand, tr. cobble, moist-v. moist, tr. silt (+)		
Rec.	8"	21				
		18				
		19				
8-10'	5	7	0.0	(8-10') Tan-orange v f-c SAND, little(-) silt & f-c gravel, moist		
Rec.		11				
		15				
		13				
				Cuttings to 15'		
15-17'	6	12	0.0	(15-17') white-tan f-c SAND, some f-m gravel, tr. silt & c gravel, moist		
Rec.		15				
16-18		7				
		9				

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER BMW-4
Driller Envirotech / W. Roland	PROJECT NAME Grumman BCLES Phase II	Sheet 2 of 2
Inspector J. Obradovich	PROJECT # 1167 W	Boring Location –
Rig Type CME-55	Location/Address Bethpage, NY.	
Drilling Method 4½" ID HSA		
Drive Hammer Weight 140 lbs.		

GROUNDWATER OBSERVATIONS			
Water Level			
Time			
Date			
Casing Depth			

Weather Mostly sunny, cold

Date/Time Start 2/15/96 900 a.m.

Date/Time Finish 2/15/96 300 p.m.

Plot Plan –

Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
20-22'	7	8	0.0	(20-22') Tan v.f-c SAND, some(-) f-c. gravel, tr. silt, moist		
Rec.	13"	12				
		9				
		7				
25-27'	8	7	0.0	(25-27') 0-9" Tan-lt. orange f-c SAND, little(-) f-m gravel, moist		
Rec.	14"	8		9-10' Orange-red. dk. br. iron-stained f-m SAND (thick lens-8mm) 10-14" Tan v.f-m SAND, tr. silt, moist-v. moist		
		3				
		4				
30-32'	9	10	0.0	(30-32') Lt. br. f-c. SAND, f-c gravel (little(+)), tr. silt, moist		
Rec.	16"	13				
		11				
		11				
35-37'	10	8	0.0	(35-37') White-tan, yellow, br. f-m SAND, tr. f gravel (gel iron-staining), v. moist tr. silt (+)		
Rec.	20"	11				
		5				
		7				
40-42'	11	9	0.0	(40-42') Tan-orange-red f-m SAND tr. c sand, f gravel, t silt, moist (1 cal-iron-stained lens (10mm) @ 19") Orange		* Collected analytical sample from (40-42')
Rec.	20"	10				
		13				
		10				
45-47'	12	5	0.0	(45-47') Tan-orange m-c sand, tr. c. sand + v.f. gravel, v. moist (0-4") 4-10' White-grey-orange m-c. SAND, iron stained, wet		
Rec	10"	8				
		3				
		8				
50-52'	13	6	0.0	(50-52') Tan m-c SAND, wet little(-) f-c gravel		
Rec.	11"	7				
		7				
		6				
				END OF SOIL BORING AT 58' bg		

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER BSB-1
Driller Emington/W. Roland	PROJECT NAME Grumman BOCES Phase II	Sheet 1 of 1
Inspector D. Obradovich	PROJECT # 1167-W	Boring Location NW of 2 inner leaching pools (from distr. box approx. 120' from BOCES Bldg
Rig Type CME-55	Location/Address Bethpage NY.	
Drilling Method 4 1/4" ID HSA		
Drive Hammer Weight 140 lbs		

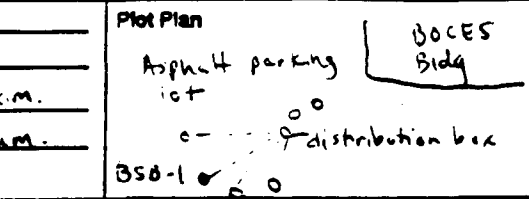
GROUNDWATER OBSERVATIONS			
Water Level	–		
Time	–		
Date	–		
Casing Depth	–		

Weather Overcast, drizzle

Date/Time Start 2/21/96 10⁰⁰ a.m.

Date/Time Finish 2/21/96 11³⁰ a.m.

Plot Plan



Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
				Inside of Leaching Pool 140 depth to bottom sediment from grade		
14-16'	1	–	0.0	(14-16') Orange-br. f-c SAND, some f-c gravel, little (-) cobble, v. moist (0-3" SIK. septic sludge)		* Collected analytical sample from 14-16' bg
Rec.	10"	–				
		–				
		–				
16-18	2	–	0.0	(16-18') Orange-br. f-c SAND, some f-c gravel, tr. cobble, v moist		
Rec	12"	–				
		–				
		–				
18-20	3	–	0.0	(18-20') orange-br. f-c SAND, some f-c gravel, tr. silt + cobble, v. moist		
Rec	12"	–				
		–				
		–				
20-22	4	–	0.0	(20-22') Orange-br. f-c SAND some f-c gravel, moist-v. moist		
Rec.	13"	–				
		–				
		–				
22-24	5	–	0.0	(22-24') orange-br. f-c SAND, some (-) f-c gravel, v. moist		
Rec.	11"	–				
		–		END OF SOIL BORING AT 24' below grade		
		–				

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER BSB-2
Driller Emington/W. Roland	PROJECT NAME Grumman BOCES Phase II	Sheet 1 of 1
Inspector D. Obradovich	PROJECT # 1167-W	Boring Location SE of 2 inner leaching pools (from distribution box) approximately 125 feet from BOCES bldg
Rig Type CME-55	Location/Address Bethpage NY.	
Drilling Method 4¼" ID HSA		
Drive Hammer Weight 140 lbs		

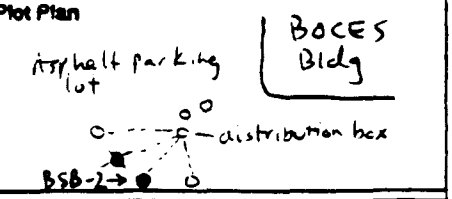
GROUNDWATER OBSERVATIONS			
Water Level	–		
Time	–		
Date	–		
Casing Depth	–		

Weather Overcast, raining, warm

Date/Time Start 2/21/96 11:30 a.m.

Date/Time Finish 2/21/96 12:45 p.m.

Plot Plan



Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
				Inside of Leaching Pool 140' depth to bottom sediment from grade		
14-16'	1	–	0.0	(14-16') 0-4" Blk. sludge (septic) 4-6": Grey-blk. f SAND, 6-11" orange f-c. SAND, tr. f-c gravel, moist		
Rec.	18"	–				
		–				
		–				
16-18	2	–	0.0	(16-18') Orange, grey-br. f-m SAND, little f-c gravel, moist		
Rec.	8"	–				
		–				
		–				
18-20	3	–	0.0	(18-20') Grey-orange-br. f-c SAND, little c gravel, v. moist		
Rec.	7"	–				
		–				
		–				* collected analytical sample from 20-22' bg
20-22	4	–	0.0	(20-22') Grey-orange-br. f-m gravel, some (+) f-c SAND, tr. s.lt + cobble + c gravel, v. moist		
Rec.	14"	–				
		–				
		–				
22-24	5	–	0.0	(22-24') Orange-lt. br. f-c SAND, some (+) f-c gravel, tr. s.lt + cobble, moist-wet		
Rec.	12"	–				
		–				
		–				
24-26				END OF SOIL BORING AT 24' below grade		

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER BSB-4
Driller W. Roland / Ensington	PROJECT NAME Grumman BOCES Phase II	Sheet 1 of 1
Inspector D. Obradovich	PROJECT # 1167-W	Boring Location ' west of NW corner of chemical Shed behind BOCES Bldg
Rig Type CME-55	Location/Address Bethpage, NY.	
Drilling Method 4¼" ID HSA		
Drive Hammer Weight 140 lbs.		

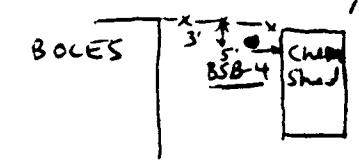
GROUNDWATER OBSERVATIONS			
Water Level	–		
Time	–		
Date	–		
Casing Depth	–		

Weather Overcast, raining

Date/Time Start 2/20/96 3:30

Date/Time Finish 2/20/96 4:10

Plot Plan



Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
0-2'	1	12	0.0	(0-2') 0-2" Asphalt 2-13" Br. f-c SAND, little(+) silt, tr. clay, moist 13-16" Br.-red SILT, little clay, moist		*Collected analytical samples from 0-2' bg
Rec.	16"	22				
		18				
		21				
2-4'	2	16	0.0	(2-4') Br. f-c sand, little silt and f-c gravel, tr. cobble, moist		
Rec.	7"	11				
		10				
		4				
4-6.	3	9	0.0	(4-6') Br. f-c SAND, tr. silt, moist (little f-c gravel)		
Rec	13"	8				
		8				
		10				
6-8'	4	8	0.0	(6-8') Orange-br. f-c SAND, tr. silt, little f-m gravel, moist		
Rec.	12"	8				
		8				
		8				
				END OF SOIL BORING AT 8' BELOW GRADE		

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR
Driller Emington/D. Vigliotta
Inspector D Obradovich
Rig Type CME 75
Drilling Method HSA 4 1/4" ID
Drive Hammer Weight 140 lbs.

DRILLING LOG
PROJECT NAME Grumman BOCES Supplemental Phase II
PROJECT # 1167-W
Location/Address Bethpage NY

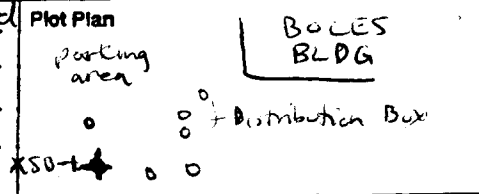
BORING NUMBER XSB-1
Sheet 1 of 1
Boring Location NW of 2 inner leaching pools ~ 120' from BOCES Bldg.

GROUNDWATER OBSERVATIONS

Water Level			
Time			
Date			
Casing Depth			

Weather Overcast, ~70-75° humid
Date/Time Start 7/8/96 10:30
Date/Time Finish 7/9/96 1:00

Plot Plan



Sample Depth	Sample Number	SPT	PID/(FID) Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
				(0-14') Open - inside leaching pool		
				~~(12-14') No split spoon bottom sediments~~		
				(14-16') No split spoon (bottom sediment already sampled as SB-1)		
16-18	1	3	0	(16-18') Orange-br. f-c. SAND, some f-c gravel, tr. cobble, moist - v. moist		* Sample submitted for analyses
Rec.	4"	4				
		3				
		4				
18-20'	2	8 7	0.4	(18-20') No recovery (1st attempt.) 2nd attempt. Orange-br. f-c. SAND, some (+) f-c gravel, tr (+) cobble, v. moist (sl. septic odor)		* Submitted sample
Rec.	12"	7 6				
		2 10				
		2 14				
20-22'	3	5	0	(20-22') Orange-br. f-c SAND, some f-c gravel, tr. v. c. gravel, v. moist, no odor		* Submitted Sample
Rec.	8"	6				
		5				
		9				
				(22-27') Cuttings - no recovery (in leaching pool)		
				(Collected 22-24' by mistake 14" recovery Tan-br. f-c SAND some (+) f-c gravel, moist)		
27-29'	4	8	0	(27-29') 0-7" Tan-br. f sand, tr. f-c gravel (iron staining) 7-12" Br.-grey silt, tr. v.f. sand & clay w/mica 12-15" Orange-br.-tan v.f. sand & silt (iron-staining) 15-17" Br. silt, little clay 17-20" Tan m-c sand, v. moist	END OF BORING AT 29' bg	* Submitted Sample
Rec	20"	10				
		11				
		10				

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER XSB-2
Driller EMINGTON/Rowland	PROJECT NAME GAC - BOCES	Sheet 1 of 1
Inspector KR		Boring Location
Rig Type CME-55	PROJECT # 1167	
Drilling Method 4'1/4 HSA	Location/Address BETHPAGE NY	
Drive Hammer Weight 140 #		

GROUNDWATER OBSERVATIONS			
Water Level	NA		
Time	-		
Date	-		
Casing Depth	-		

Weather COOL - 60's

Date/Time Start 10-4-96 ~900

Date/Time Finish " ~1000

Plot Plan

Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL
				No Samples from 14-18'
				Void space from 0-14'
18-20	S-1	3		18 0-4" Black Sludge
		5		4"-15" Soft Br. M-C, Well rnd qtz
REC	15	17		19 SAND, trace f. Gravel. wet
		9		
20-22	S-2	17		20 0-3" Cobbles
		20		3"-12" moist, Br. C. SAND and fn
REC	12	23		21 Gravel, poorly sorted.
		35		22
22-24	S-3	14		
		21		23 0-12" Br. Lt. Tan C-m qtz SAND,
REC	12	28		24 Some Gravel, damp-dry
		36		
				25
				26
27-29	S-4	19		27 0-10 TAN C-M qtz SAND, and
		27		gravel, dry
REC	15	36		28 10-15 Tan. f. qtz. Well rnd,
		49		29 25'
				30 END of BORING
				at 29'

WELL SCHEMATIC: NO WELL CONSTRUCTED

COMMENTS

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR	DRILLING LOG	BORING NUMBER XSB-3
Driller EMINGTON/Rowland	PROJECT NAME GAL - BOCES	Sheet 1 of 1
Inspector KR		Boring Location
Rig Type CME-55	PROJECT # 1167	
Drilling Method 4'1/4 HSA	Location/Address BETHPAGE NY	
Drive Hammer Weight 140 #		

GROUNDWATER OBSERVATIONS			
Water Level	NA		
Time	-		
Date	-		
Casing Depth	-		

Weather COOL - 60's

Date/Time Start 10-4-96 ~1030

Date/Time Finish " ~ 1150

Plot Plan

Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL
15-17				15 0-2" Black Sludge
~~S-1~~	S-1	7		2"-4" Br. f. SAND
		16		16 4"-24" Br. C-F qtz SAND, some ~~dry~~ gravel, cobbles - dry
REC	24"	19		
		23		17
17-19	S2	17		
		23		18 0-4' Br.-Or. fM SAND
REC	12"	33		
		37		4-8 Drk Br. BLK Sand, CM
				19 8-12 Brown Gravel, and, C SAND
19-21	S-3	12		
		19		20
REC	-	31		lite Tan, C SAND and gravel
		37		21 Subrnd, poorly Sorted - dense
21-23	S-4	21		
		20		lite Tan C-m SAND, well
REC	-	30		22 Sorted, little Gravel,
		24		trace fines - dry
				23
				24
				25
				26
				27
27-29	S-5	16		lite Tan m-C, well Sorted
		19		28 qtz SAND - fine Gravel.
REC	-	27		
		33		29 29
				END of BORING at 29'

WELL CONSTRUCTED

ND

COMMENTS

Soil Stratigraphy Summary

SPT = STANDARD PENETRATION TEST

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR
Driller: Emington / D. Vigliotta
Inspector: D Obradovich
Rig Type: CME 75
Drilling Method: HSA 4 1/4" ID
Drive Hammer Weight: 140 lbs.

DRILLING LOG
PROJECT NAME: Grumman BOCES Supplemental Phase II
PROJECT #: 1167-W
Location/Address: Bethpage NY

BORING NUMBER XSB-4
Sheet 1 of 1
Boring Location: SE of 2 inner leaching pools (from distr. box) approx. 125' from BOCES Bldg

GROUNDWATER OBSERVATIONS

Water Level	–		
Time	–		
Date	–		
Casing Depth	–		

Weather: Sunny, hot, humid (hazy)
Date/Time Start: 7/8/96 1⁰⁰
Date/Time Finish: 7/8/96 3³⁰

Plot Plan: BOCES Bldg; XSB-4

Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
				(0-14') Open leaching pool - no samples		
14-16	1	2	0	(14-16') 0-4" Blk. - dk. grey f. sand, some silt (sediment) little f-c gravel, tr. cobble, moist		* sample submitted for analysis
Rec.	11"	4		4-11" Orange-br. f-m sand, some f-c. gravel, tr(f) cobble, v. moist - sl. sludge odor -		
		2				
		2				
16-18'	2	5	0	(16-18') Tan-white-br. f-c. SAND, some f-c gravel, tr(f) cobble, moist		* sample submitted for analysis
Rec.	14"	6				
		6				
		7				
18-20	3	5	0	(18-20') 0-4" Tan-br. f-m SAND, iron stained v.f. sand @ 4" 4-12" white-tan-br. f-c SAND, some(f) f-c gravel. tr. cobble, moist		* sample submitted for analysis
Rec.	12"	5				
		6				
		5				
20-22'	4	7	0	(20-22') Tan-br. f-c SAND, some f-c gravel, moist		* sample submitted for analysis
Rec.	2"	6				
		2				
		8				
				(22-27') Cuttings - no samples		
27-29	5	5	0	(27-29') Alternating tan v.f-m sand and br. silt layers (~1' thick) Occasional iron-stain sand (red) 2" Tan f-c sand @ btm, v. moist		* sample submitted for analysis
Rec.	14"	6				
		7				
		6				
				END OF BORING AT 29' bg		

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DRILLCON.PM4

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR
Driller Envirotech D. Viglotti
Inspector Keith Robins
Rig Type CME 75
Drilling Method HSA 4 1/4" ID
Drive Hammer Weight 140 lbs

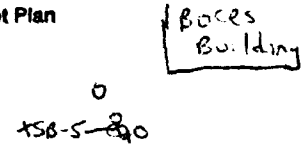
DRILLING LOG
PROJECT NAME Grumman BOCES Supplemental Phase II
PROJECT # 1167-W
Location/Address Bethpage NY

BORING NUMBER XSB-5
Sheet 1 of 1
Boring Location

GROUNDWATER OBSERVATIONS

Water Level	—		
Time	—		
Date	—		
Casing Depth	—		

Weather Sunny/clear 70°F
Date/Time Start 7/9/96 1040am
Date/Time Finish 7/9/96 1105am

Plot Plan


Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
				0-14' Visual identification of soil cuttings. Dark Brown coarse sand and gravel, trace cobbles (dry-damp)		No soil sampling from (0-14)
14-16	SS-1	8,6	0.0	(14'-16') Brown coarse sand, little fine gravel, trace cobbles.	*	sample submitted for analysis Priority pollutant metals (6010)
rec:	6"	6,8				
16-18	SS-2	4,5	0.0	(16'-18') Brown to Light Gray coarse Sand and fine to medium gravel (moist)	*	Sample submitted for analysis priority pollutant metals (6010)
rec:	18"	6,8				
18-20	SS-3	7,5	0.0	(18'-20') Brown coarse Sand and gravel fine-medium.	*	Sample submitted for analysis, priority pollutant metals (6010)
rec:	15"	4,5				
20-22	SS-4	6,9	0.0	(20-22) Brown Sand, loose (dry) gravel, cobbles. (dry)	*	Sample selected for lab analysis (6010)
rec:	15"	15,15				
				(22-27') No soil sampling		
27-29	SS-5	4,3	0.0	(27'-29') Brown fine to medium Sand, little silt, trace fine gravel. (dry)	*	Soil sample selected for laboratory analysis (6010)
rec:	20"	4,4				
				END OF BORING AT 29'		

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

DVIRKA AND BARTILUCCI

DRILLING CONTRACTOR
Driller Empire / B. Vigliotti
Inspector Keith Robins
Rig Type CME 75
Drilling Method HSA 4¼ ID
Drive Hammer Weight 140 lbs

DRILLING LOG
PROJECT NAME Grumman BOCES Supplemental Phase II
PROJECT # 1167-W
Location/Address Bethpage NY

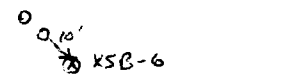
BORING NUMBER XSB-6
Sheet 1 of 1
Boring Location

GROUNDWATER OBSERVATIONS

Water Level	—		
Time	—		
Date	—		
Casing Depth	—		

Weather Sunny / clear 70°-75°F
Date/Time Start 7/9/96 900am
Date/Time Finish 7/26/96 935am

Plot Plan



Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS
				(0-14') Visual identification Brown coarse to medium Sand and gravel.		NO soil sample collected from (0-14')
14-16	SS-1	4,5	0.0	(14'-16') Brown coarse to medium gtz Sand, some-little subrounded gravel, (dry)		* sample selected for laboratory analysis (6010)
rec=	12"	5,11				
16-18	SS-2	12,11	0.0	(16'-18') Brown coarse Sand and fine-subrounded gravel. (dry-loose)		* Soil sample selected for laboratory analysis (6010)
rec=	8"	11,9				
18-20	SS-3	7,7	0.0	(18'-20') Brown coarse gtz Sand, and fine-medium subrounded gravel, trace fine Sand. (damp)		* Soil sample selected for laboratory analysis (6010)
rec=	18"	8,11				
20-22	SS-4	6,7	0.0	(20-22) Brown coarse to medium gtz Sand, some fine subrounded gtz gravel. (dry-damp)		* Soil sample submitted for analysis (6010)
rec=	18"	7,9				
27-29	SS-5	18,19	0.0	(27'-29') Tan to Light Brown medium gtz Sand, trace silt (dry-damp)		* Sample Submitted for lab analysis (6010)
rec=	18"	15,18				
				END OF BORING AT 29FT		

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary

Appendix B

APPENDIX B

WELL CONSTRUCTION LOGS

and Bertilucci CONSULTING ENGINEERS

WELL CONSTRUCTION LOG

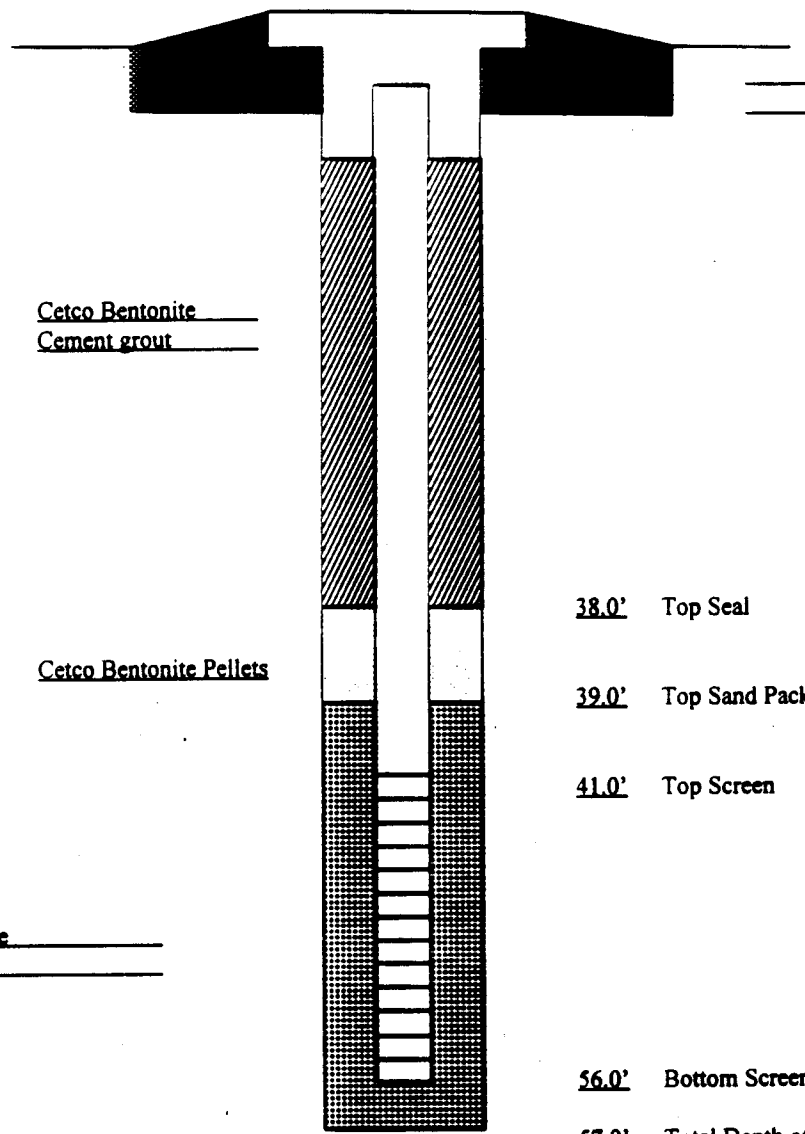
SITE Grumman B.O.C.E.S. JOB NO. 1167W WELL NO. BMW-1

TOTAL DEPTH 55.5' TOC SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) 43.24' TOC 2/20/96 DATE INSTALLED 2/20/96

RISER DIA 2" MATERIAL PVC LENGTH 40.5"
SCREEN DIA 2" MATERIAL PVC LENGTH 15.0' SLOT SIZE 0.010"

SCHEMATIC



Surface Seal Type
Neat Cement
Grout

Grout Type Cetco Bentonite
Cement grout

Seal Type Cetco Bentonite Pellets

Sand Pack Type Morie
Size Grade 0

♠1167/S0312602.DOC 1

Bertlucci
CONSULTING ENGINEERS

WELL CONSTRUCTION LOG

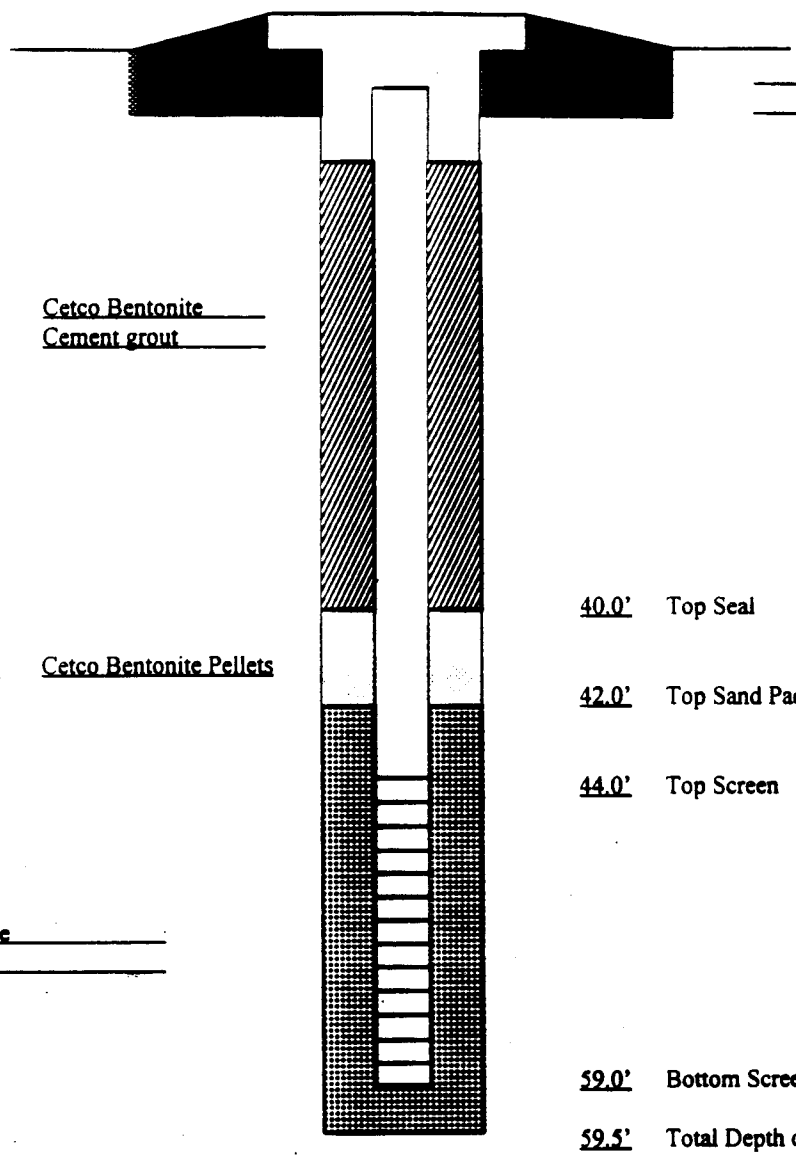
SITE Grumman B.O.C.E.S. JOB NO. 1167W WELL NO. BMW-2

TOTAL DEPTH 58.5' TOC SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) 45.34' TOC 2-12-96 DATE INSTALLED 2/12/96

RISER DIA 2" MATERIAL PVC LENGTH 43.5"
SCREEN DIA 2" MATERIAL PVC LENGTH 15.0' SLOT SIZE 0.010"

SCHEMATIC



Surface Seal Type
Neat Cement
Grout

Ground Surface
_____ Riser Elevation
_____ Bottom Surface Seal

Grout Type Cetco Bentonite
Cement grout

Seal Type Cetco Bentonite Pellets

Sand Pack Type Morie
Size Grade 0

40.0' Top Seal

42.0' Top Sand Pack

44.0' Top Screen

59.0' Bottom Screen

59.5' Total Depth of Boring

♠1167/S0312602.DOC 2

and Bertilucci
CONSULTING ENGINEERS

WELL CONSTRUCTION LOG

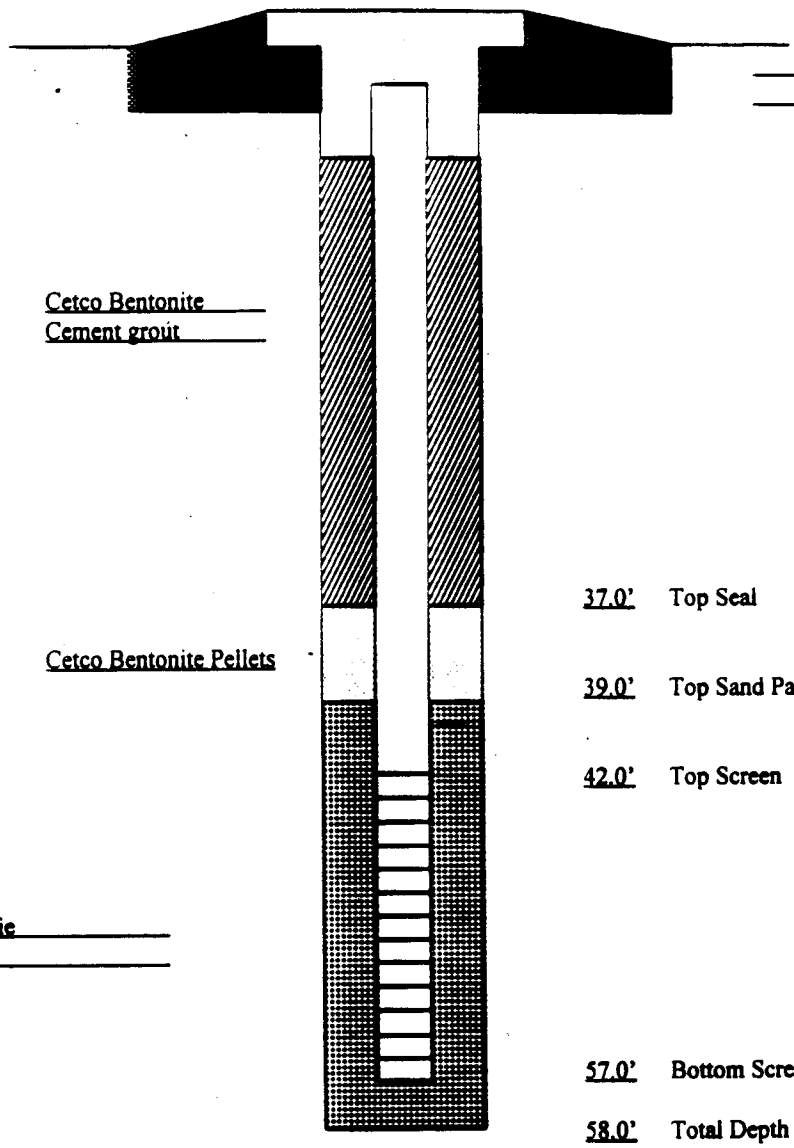
SITE Grumman B.O.C.E.S. JOB NO. 1167W WELL NO. BMW-3

TOTAL DEPTH 56.5' TOC SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) 43.90' TOC 2/16/96 DATE INSTALLED 2/16/96

RISER DIA 2" MATERIAL PVC LENGTH 41.5"
SCREEN DIA 2" MATERIAL PVC LENGTH 15.0' SLOT SIZE 0.010"

SCHEMATIC



Surface Seal Type
Neat Cement
Grout

Ground Surface
_____ Riser Elevation
_____ Bottom Surface Seal

Grout Type Cetco Bentonite
Cement grout

Seal Type Cetco Bentonite Pellets

Sand Pack Type Morie
Size Grade 0

37.0' Top Seal

39.0' Top Sand Pack

42.0' Top Screen

57.0' Bottom Screen

58.0' Total Depth of Boring

Bertlucci
CONSULTING ENGINEERS

WELL CONSTRUCTION LOG

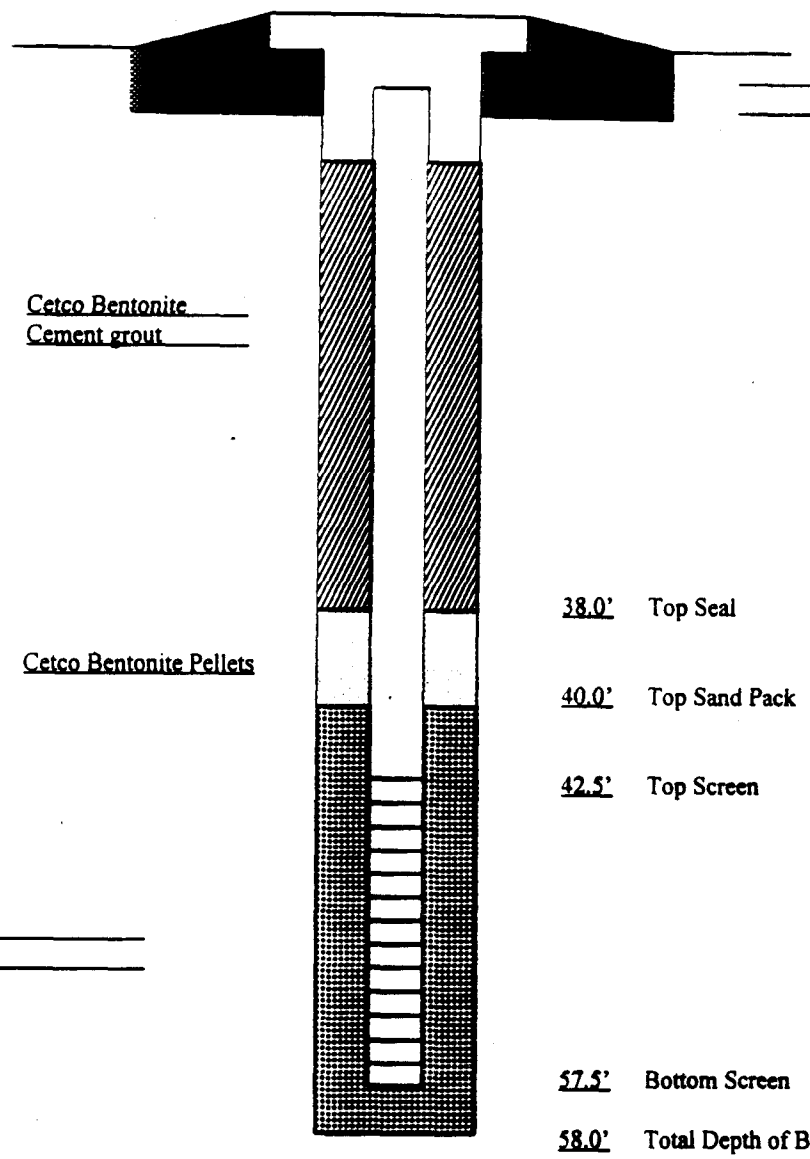
SITE Grumman B.O.C.E.S. JOB NO. 1167W WELL NO. BMW-4

TOTAL DEPTH 57.0 TOC' SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) 44.06 TOC 2/20/96 DATE INSTALLED 2/15/96

RISER DIA 2" MATERIAL PVC LENGTH 42.0'
SCREEN DIA 2" MATERIAL PVC LENGTH 15.0' SLOT SIZE 0.010"

SCHEMATIC



Surface Seal Type
Neat Cement
Grout

Ground Surface
Riser Elevation
Bottom Surface Seal

Grout Type Cetco Bentonite
Cement grout

Seal Type Cetco Bentonite Pellets

38.0' Top Seal

40.0' Top Sand Pack

42.5' Top Screen

Sand Pack Type Morie
Size Grade 0

57.5' Bottom Screen

58.0' Total Depth of Boring

▲1167/S0312602.DOC 4

Appendix C

APPENDIX C

ANALYTICAL LABORATORY DATA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S11416

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652607

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6583.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 12 Data Analyzed: 02/22/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	11	JB
67-64-1	Acetone	6	JB
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U
108-05-4	Vinyl Acetate	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S11416

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652607

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6583.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 12 Data Analyzed: 02/22/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN HYDROCARBON	17.846	13	J
2.		UNKNOWN HYDROCARBON	19.550	7	J
3.		UNKNOWN HYDROCARBON	19.570	10	J
4.		UNKNOWN HYDROCARBON	20.229	11	J
5.		UNKNOWN HYDROCARBON	20.849	33	J
6.		UNKNOWN HYDROCARBON	21.993	8	J
7.		UNKNOWN AROMATIC	22.351	7	J
8.		UNKNOWN AROMATIC	22.516	10	J
9.		UNKNOWN AROMATIC	23.524	8	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S22022

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652608

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6584.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 9 Data Analyzed: 02/22/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	10	JB
67-64-1	Acetone	6	JB
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U
108-05-4	Vinyl Acetate	11	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

S22022

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652608

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6584.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 9 Data Analyzed: 02/22/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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FORM I VOA-TIC SW846 METHOD 8240A

000019

VOLATILE ORGANICS ANALYSIS DATA SHEET

S4-0-2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652604

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6582.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 6 Data Analyzed: 02/22/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	10	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U
108-05-4	Vinyl Acetate	11	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

S4-0-2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652604

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6582.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 6 Data Analyzed: 02/22/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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FORM I VOA-TIC SW846 METHOD 8240A

000023

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S11416

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652607

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9631.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 12 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/96

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S11416

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652607

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9631.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec.. 12 dec. Date Extracted:02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/96

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	45	J
206-44-0	Fluoranthene	42	J
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	40	J
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	3700	E
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
100-51-6	Benzyl Alcohol	380	U
65-85-0	Benzoic Acid	1900	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S11416

Lab Name: NYTEST ENV INC Contract: 9622266

Lab Code: NYTEST Case No.: 26473 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652607

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9631.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 12 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/96

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 1.0

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.179	2600	J
2.		UNKNOWN	10.011	3700	J
3.		UNKNOWN	10.115	1100	J
4.		UNKNOWN AROMATIC	10.202	2400	J
5.		UNKNOWN AROMATIC	10.254	2900	J
6.		UNKNOWN AROMATIC	10.340	2500	J
7.		UNKNOWN AROMATIC	10.392	1500	J
8.		UNKNOWN AROMATIC	10.478	1500	J
9.		UNKNOWN AROMATIC	10.565	2600	J
10.		UNKNOWN AROMATIC	10.634	4400	J
11.		UNKNOWN	11.757	2500	J
12.		UNKNOWN AROMATIC	13.745	1300	J
13.		UNKNOWN AROMATIC	21.455	6300	J
14.		UNKNOWN	21.922	4900	J
15.		UNKNOWN	22.077	1800	J
16.		UNKNOWN	22.544	1600	J
17.		UNKNOWN	23.719	1800	J
18.		UNKNOWN	24.359	1500	J
19.		UNKNOWN	24.774	1900	J
20.		UNKNOWN	25.707	1100	J
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FORM I SV-TIC SW846 METHOD 8270A

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S11416DL

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652607

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9644.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 12 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/96

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl)Ether	1500	U
95-57-8	2-Chlorophenol	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
95-48-7	2-Methylphenol	1500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1500	U
106-44-5	4-Methylphenol	1500	U
621-64-7	N-Nitroso-di-n-propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
120-82-1	1,2,4-Trichlorobenzene	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
111-91-1	bis(2-Chloroethoxy)methane	1500	U
59-50-7	4-Chloro-3-Methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
95-95-4	2,4,5-Trichlorophenol	7600	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	7600	U
131-11-3	Dimethylphthalate	1500	U
208-96-8	Acenaphthylene	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U
99-09-2	3-Nitroaniline	7600	U
83-32-9	Acenaphthene	1500	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S11416DL

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652607

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9644.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 12 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/96

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	7600	U
100-02-7	4-Nitrophenol	7600	U
132-64-9	Dibenzofuran	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
84-66-2	Diethylphthalate	1500	U
7005-72-3	4-Chlorophenyl-phenylether	1500	U
86-73-7	Fluorene	1500	U
100-01-6	4-Nitroaniline	7600	U
534-52-1	4,6-Dinitro-2-methylphenol	7600	U
86-30-6	N-Nitrosodiphenylamine (1)	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
118-74-1	Hexachlorobenzene	1500	U
87-86-5	Pentachlorophenol	7600	U
85-01-8	Phenanthrene	1500	U
120-12-7	Anthracene	1500	U
86-74-8	Carbazole	1500	U
84-74-2	Di-n-butylphthalate	1500	U
206-44-0	Fluoranthene	1500	U
129-00-0	Pyrene	1500	U
85-68-7	Butylbenzylphthalate	1500	U
91-94-1	3,3'-Dichlorobenzidine	3000	U
56-55-3	Benzo(a)anthracene	1500	U
218-01-9	Chrysene	1500	U
117-81-7	bis(2-Ethylhexyl)phthalate	6400	D
117-84-0	Di-n-octylphthalate	1500	U
205-99-2	Benzo(b)fluoranthene	1500	U
207-08-9	Benzo(k)fluoranthene	1500	U
50-32-8	Benzo(a)pyrene	1500	U
193-39-5	Indeno(1,2,3-cd)pyrene	1500	U
53-70-3	Dibenz(a,h)anthracene	1500	U
191-24-2	Benzo(g,h,i)perylene	1500	U
100-51-6	Benzyl Alcohol	1500	U
65-85-0	Benzoic Acid	7600	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S11416DL

Lab Name: NYTEST ENV INC Contract: 9622266

Lab Code: NYTEST Case No.: 26473 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652607

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9644.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 12 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/96

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 4.0

Number TICs found: 21

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		ALDOL	3.114	3200	AJBD
2.		UNKNOWN	3.961	2500	JD
3.		UNKNOWN HYDROCARBON	4.099	2000	JD
4.		UNKNOWN	8.127	3400	JD
5.		UNKNOWN	9.994	7500	JD
6.		UNKNOWN AROMATIC	10.201	3200	JD
7.		UNKNOWN AROMATIC	10.253	6600	JD
8.		UNKNOWN AROMATIC	10.322	4500	JD
9.		UNKNOWN AROMATIC	10.478	2700	JD
10.		UNKNOWN AROMATIC	10.564	4300	JD
11.		UNKNOWN AROMATIC	10.616	8400	JD
12.		UNKNOWN	11.740	4400	JD
13.		UNKNOWN AROMATIC	13.745	2800	JD
14.		UNKNOWN	15.283	4200	JD
15.		UNKNOWN	21.506	13000	JD
16.		UNKNOWN	21.817	15000	JD
17.		UNKNOWN	22.284	4400	JD
18.		UNKNOWN	22.474	4600	JD
19.		UNKNOWN	23.650	2600	JD
20.		UNKNOWN	24.704	5300	JD
21.		UNKNOWN	25.655	2200	JD
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S22022

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652608

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9639.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 9 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S22022

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652608

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9639.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 9 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
100-51-6	Benzyl Alcohol	370	U
65-85-0	Benzoic Acid	1800	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S22022

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652608

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9639.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 9 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		ALDOL	2.893	16000	AJ
2.		UNKNOWN	2.997	220	JB
3.		ALDOL	3.118	2600	AJB
4.		UNKNOWN	3.204	80	JB
5.		UNKNOWN	3.308	260	JB
6.		UNKNOWN	3.360	280	JB
7.		UNKNOWN	3.498	1100	JB
8.		UNKNOWN	3.550	210	JB
9.		UNKNOWN	3.584	120	JB
10.		UNKNOWN	3.619	130	JB
11.		UNKNOWN	3.774	99	J
12.		UNKNOWN	3.947	110	J
13.		UNKNOWN	4.933	93	J
14.		UNKNOWN	5.330	140	J
15.		UNKNOWN	9.098	180	J
16.					
17.					
18.					
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FORM I SV-TIC SW846 METHOD 8270

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S4-0-2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652604

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9628.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 6 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/96

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	350	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S4-0-2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652604

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9628.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 6 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/96

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	54	J
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	64	J
129-00-0	Pyrene	45	J
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	37	J
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
100-51-6	Benzyl Alcohol	350	U
65-85-0	Benzoic Acid	1800	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S4-0-2

Lab Name: NYTEST ENV INC Contract: 9622266

Lab Code: NYTEST Case No.: 26473 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652604

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9628.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 6 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/96

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.0

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.942	920	JB
2.		UNKNOWN	2.994	470	JB
3.		ALDOL	3.115	2700	AJB
4.		UNKNOWN	3.201	140	JB
5.		UNKNOWN	3.322	210	JB
6.		UNKNOWN	3.374	170	JB
7.		UNKNOWN	3.495	2000	JB
8.		UNKNOWN	3.547	240	JB
9.		UNKNOWN	3.616	210	JB
10.		UNKNOWN	4.135	200	J
11.		UNKNOWN	5.310	120	J
12.		UNKNOWN AROMATIC	6.987	110	J
13.		UNKNOWN AROMATIC	10.461	120	J
14.		UNKNOWN	18.102	140	J
15.		UNKNOWN HYDROCARBON	19.571	130	J
16.		UNKNOWN	21.213	100	J
17.		UNKNOWN	22.250	110	J
18.		UNKNOWN	23.564	200	J
19.					
20.					
21.					
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FORM I SV-TIC SW846 METHOD 8270A

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S11416

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix (soil/water): SOIL Lab Sample ID: 652607

Level (low/med): LOW Date Received: 02/21/96

% Solids: 87.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	1.9	U		P
7440-38-2	Arsenic	2.4			P
7440-41-7	Beryllium	0.04	U		P
7440-43-9	Cadmium	10			P
7440-47-3	Chromium	138		*	P
7440-50-8	Copper	166		*	P
7439-92-1	Lead	135		*	P
7439-97-6	Mercury	0.48			CV
7440-02-0	Nickel	142			P
7782-49-2	Selenium	1.1	B		P
7440-22-4	Silver	0.28	U		P
7440-28-0	Thallium	2.6			P
7440-66-6	Zinc	168			P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S22022

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix (soil/water): SOIL Lab Sample ID: 652608

Level (low/med): LOW Date Received: 02/21/96

% Solids: 91.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	1.8	U		P
7440-38-2	Arsenic	3.4			P
7440-41-7	Beryllium	0.04	U		P
7440-43-9	Cadmium	0.06	U		P
7440-47-3	Chromium	4.8		*	P
7440-50-8	Copper	2.2	B	*	P
7439-92-1	Lead	1.4		*	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	1.1	B		P
7782-49-2	Selenium	0.91	U		P
7440-22-4	Silver	0.27	U		P
7440-28-0	Thallium	1.2	U		P
7440-66-6	Zinc	8.1			P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S4-0-2

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix (soil/water): SOIL Lab Sample ID: 652604

Level (low/med): LOW Date Received: 02/21/96

%Solids: 94.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	1.8	U		P
7440-38-2	Arsenic	1.7	B		P
7440-41-7	Beryllium	0.04	U		P
7440-43-9	Cadmium	0.06	U		P
7440-47-3	Chromium	8.1		*	P
7440-50-8	Copper	4.1	B	*	P
7439-92-1	Lead	2.5		*	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	3.3	B		P
7782-49-2	Selenium	0.98	B		P
7440-22-4	Silver	0.27	U		P
7440-28-0	Thallium	1.2	U		P
7440-66-6	Zinc	14.3			P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

We find as follows :

Log In No : 26526

Results in mg/Kg(dry basis) :

Sample Identification	Parameter(s) Total Petroleum Hydrocarbons
Soil Method Blank	10 U
Soil Method Detection Limit	10

LAB ID	CLIENT ID	
2652601	B14345	25
2652602	B14345MS	24

U : Below method blank / method reporting limit

000049

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKN2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: VBLKN2

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6571.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 Data Analyzed: 02/22/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	9	J
67-64-1	Acetone	9	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK54

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: SSB0222

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9627.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	330	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK54

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: SSB0222

Sample wt/vol: 30.0 (g/mL) G Lab File ID: Q9627.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted: 02/22/96

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	670	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U
100-51-6	Benzyl Alcohol	330	U
65-85-0	Benzoic Acid	1700	U

(1) - Cannot be separated from Diphenylamine

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14345

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652601

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6579.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 17 Data Analyzed: 02/22/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	11	JB
67-64-1	Acetone	8	JB
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U
108-05-4	Vinyl Acetate	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B14345

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26526 SAS No.: SDG No.: BOCES

Matrix: (soil/water) SOIL Lab Sample ID: 2652601

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6579.D

Level: (low/med) LOW Date Received: 02/21/96

% Moisture: not dec. 17 Data Analyzed: 02/22/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B24547

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26448 SAS No.: SDG No.: 26448

Matrix: (soil/water) SOIL Lab Sample ID: 2644801

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P9038.D

Level: (low/med) LOW Date Received: 02/13/96

% Moisture: not dec. 5 Data Analyzed: 02/13/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	16	B
67-64-1	Acetone	6	JB
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B24547

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26448 SAS No.: SDG No.: 26448

Matrix: (soil/water) SOIL Lab Sample ID: 2644801

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P9038.D

Level: (low/med) LOW Date Received: 02/13/96

% Moisture: not dec. 5 Data Analyzed: 02/13/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC SW846 METHOD 8240A

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B34244

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26499 SAS No.: SDG No.: 26499

Matrix: (soil/water) SOIL Lab Sample ID: 2649902

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6559.D

Level: (low/med) LOW Date Received: 02/16/96

% Moisture: not dec. 3 Data Analyzed: 02/21/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	11	B
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B34244

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26499 SAS No.: SDG No.: 26499

Matrix: (soil/water) SOIL Lab Sample ID: 2649902

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6559.D

Level: (low/med) LOW Date Received: 02/16/96

% Moisture: not dec. 3 Data Analyzed: 02/21/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC SW846 METHOD 8240A

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VOLATILE ORGANICS ANALYSIS DATA SHEET

B44042

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26499 SAS No.: SDG No.: 26499

Matrix: (soil/water) SOIL Lab Sample ID: 2649901

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6558.D

Level: (low/med) LOW Date Received: 02/16/96

% Moisture: not dec. 6 Data Analyzed: 02/21/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	12	B
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U
108-05-4	Vinyl Acetate	11	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B44042

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26499 SAS No.: SDG No.: 26499

Matrix: (soil/water) SOIL Lab Sample ID: 2649901

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6558.D

Level: (low/med) LOW Date Received: 02/16/96

% Moisture: not dec. 6 Data Analyzed: 02/21/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKP32

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26448 SAS No.: SDG No.: 26448

Matrix: (soil/water) SOIL Lab Sample ID: VBLKP32

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P9025.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 Data Analyzed: 02/13/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	16	
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKN1

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26499 SAS No.: SDG No.: 26499

Matrix: (soil/water) SOIL Lab Sample ID: VBLKN1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N6554.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 Data Analyzed: 02/21/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	13	
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

Form I

000010

8080PCB - FORM 1

NYTEST ENVIRONMENTAL INC.

TCL PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	SOIL	SAMPLE ID:	B24547
CONC. LEVEL:	LOW	LAB SAMPLE ID:	2655701
EXTRACTION DATE:	02/26/96	DIL FACTOR:	1.00
ANALYSIS DATE:	02/28/96	% MOISTURE:	5

CMPD #	CAS Number	PCB COMPOUND	UG/KG (DRY BASIS)
1	12674-11-2	Aroclor-1016	84 U
2	11104-28-2	Aroclor-1221	84 U
3	11141-16-5	Aroclor-1232	84 U
4	53469-21-9	Aroclor-1242	84 U
5	12672-29-6	Aroclor-1248	84 U
6	11097-69-1	Aroclor-1254	84 U
7	11096-82-5	Aroclor-1260	84 U

ac:\123\gc\pcb\soil

REV 06/95

000011

TPHC 310-13
REPORT OF ANALYSIS

Login No.: 26557

We find as follows:

Results in ppm, mg/kg (Dry wt.): Matrix : SOIL

Parameter(s)	Sample Identification
Sample ID	B24547
Lab ID	2655701
Date Extracted	02/26/96
Date Analyzed	02/26/96
% Moisture	5
Dilution factor	1
Gasoline	79 U
TPH (as Gasoline)	ND
Kerosene	79 U
TPH (as Kerosene)	ND
#2 Fuel Oil	79 U
TPH (as #2 Fuel Oil)	ND
#6 Fuel Oil	79 U
Lubricating Oil	79 U
TPH (Jet Fuel)	ND
TPH (Hydraulic Oil)	ND
TPH (as 10W40 Motor Oil)	ND

ND = Not Detected

* TPH (as...) = Total Petroleum hydrocarbons quantitated as a particular hydrocarbon, however, peak pattern does not match that of the hydrocarbon reference standards.

ac:\123\gc\310-13\extra-s REV 10/95

000012

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.: MW-1

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659701

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6710.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	8	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	8	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

000026

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-1

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659701

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6710.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659702

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6711.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	8	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

000031

FORM I VOA SW846 METHOD 8240A

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659702

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6711.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659703

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6712.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	8	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	7	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.: MW-3

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659703

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6712.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-4

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659709

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6716.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	2	J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	9	JB
67-64-1	Acetone	3	JB
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-4

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659709

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6716.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
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6.					
7.					
8.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

10631

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659707

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6715.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	8	JB
67-64-1	Acetone	6	JB
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	4	J
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	18	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

10631

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659707

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6715.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	14.536	20	J
2.		UNKNOWN	23.636	7	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
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FORM I VOA-TIC SW846 METHOD 8240A

000014

VOLATILE ORGANICS ANALYSIS DATA SHEET

FB

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659706

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6708.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	14	B
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659706

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6708.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
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FORM I VOA-TIC SW846 METHOD 8240A

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659708

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6709.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	B
67-64-1	Acetone	3	JB
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

000047

FORM I VOA SW846 METHOD 8240A

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659708

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N6709.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. _____ Data Analyzed: 03/04/96

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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FORM I VOA-TIC SW846 METHOD 8240A

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW1

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659701

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9792.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW1

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659701

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9792.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
100-51-6	Benzyl Alcohol	10	U
65-85-0	Benzoic Acid	50	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW1

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659701

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9792.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.270	5	JB
2.		UNKNOWN	3.374	2	J
3.		UNKNOWN	3.478	7	JB
4.		UNKNOWN	3.875	5	J
5.		UNKNOWN AROMATIC	4.895	2	J
6.		UNKNOWN	5.880	12	J
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FORM I SV-TIC SW846 METHOD 8270

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659702

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9793.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.: MW2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659702

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9793.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	12	
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
100-51-6	Benzyl Alcohol	10	U
65-85-0	Benzoic Acid	50	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW2

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659702

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9793.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.270	6	JB
2.		UNKNOWN	3.374	2	J
3.		UNKNOWN	3.478	8	JB
4.		UNKNOWN	3.875	3	J
5.		UNKNOWN	5.915	68	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW3

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659703

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9794.D

Level: low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW3

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659703

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9794.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
100-51-6	Benzyl Alcohol	10	U
65-85-0	Benzoic Acid	50	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW3

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BCCES

Matrix: (soil/water) WATER Lab Sample ID: 2659703

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9794.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.273	6	JB
2.		UNKNOWN	3.446	7	JB
3.		UNKNOWN	3.740	4	J
4.		UNKNOWN	5.901	58	J
5.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.: MW4

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659709

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9799.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW4

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659709

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9799.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
100-51-6	Benzyl Alcohol	10	U
65-85-0	Benzoic Acid	50	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW4

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659709

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9799.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.271	8	JB
2.		UNKNOWN	3.357	2	JB
3.		UNKNOWN	3.478	10	JB
4.		UNKNOWN	3.738	3	J
5.		UNKNOWN	3.876	2	J
6.		UNKNOWN	5.881	30	J
7.					
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000113

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

10631

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659707

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9798.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

10631

Lab Name: NYTEST ENV INC . Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659707

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9798.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
100-51-6	Benzyl Alcohol	10	U
65-85-0	Benzoic Acid	50	U

(1) - Cannot be separated from Diphenylamine

10631

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659707

Sample wt/vol: 1000 (g/mL) ML Lab File ID: Q9798.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/06/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 11

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.063	5	J
2.		UNKNOWN	3.374	3	J
3.		UNKNOWN	3.478	10	JB
4.		UNKNOWN	3.737	4	J
5.		UNKNOWN	4.878	20	J
6.		UNKNOWN	5.016	12	J
7.		UNKNOWN	6.572	3	J
8.		UNKNOWN	6.641	15	J
9.		UNKNOWN	7.696	7	J
10.		UNKNOWN	8.508	4	J
11.		UNKNOWN	10.721	2	J
12.					
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10631RE

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659707

Sample wt/vol: 1000 (g/mL) ML Lab File ID: R9482.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/13/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/14/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

10631RE

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659707

Sample wt/vol: 1000 (g/mL) ML Lab File ID: R9482.D

Level: low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted:03/13/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/14/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
100-51-6	Benzyl Alcohol	10	U
65-85-0	Benzoic Acid	50	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

10631RE

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659707

Sample wt/vol: 1000 (g/mL) ML Lab File ID: R9482.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/13/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/14/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 24

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN HYDROCARBON	3.112	34	J
2.		UNKNOWN	3.164	31	JB
3.		UNKNOWN	3.268	8	J
4.		UNKNOWN	3.320	4	J
5.		UNKNOWN HYDROCARBON	3.459	3	J
6.		UNKNOWN	3.599	8	J
7.		UNKNOWN	3.686	20	J
8.		UNKNOWN	3.738	27	J
9.		UNKNOWN	3.807	8	JB
10.		UNKNOWN	3.877	71	JB
11.		UNKNOWN	3.946	25	JB
12.		UNKNOWN	4.138	2	J
13.		UNKNOWN	4.364	11	J
14.		UNKNOWN HYDROCARBON	4.955	3	J
15.		UNKNOWN AROMATIC	5.442	8	J
16.		UNKNOWN AROMATIC	5.564	7	J
17.		UNKNOWN	5.843	3	J
18.		UNKNOWN	6.295	3	J
19.		UNKNOWN AROMATIC	6.625	2	J
20.		UNKNOWN	7.147	2	J
21.		UNKNOWN	7.234	4	J
22.		UNKNOWN AROMATIC	7.304	6	J
23.		UNKNOWN	8.347	3	J
24.		UNKNOWN	18.888	3	J
25.					
26.					
27.					
28.					
29.					
30.					

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FB

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659706

Sample wt/vol: 1000 (g/mL) ML Lab File ID: R9552.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/22/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

FB

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659706

Sample wt/vol: 1000 (g/mL) ML Lab File ID: R9552.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/22/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
100-51-6	Benzyl Alcohol	10	U
65-85-0	Benzoic Acid	50	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FB

Lab Name: NYTEST ENV INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES

Matrix: (soil/water) WATER Lab Sample ID: 2659706

Sample wt/vol: 1000 (g/mL) ML Lab File ID: R9552.D

Level: (low/med) LOW Date Received: 02/29/96

% Moisture: not dec. 0 dec. Date Extracted: 03/05/96

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 03/22/96

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.130	4	JB
2.		UNKNOWN	3.252	3	JB
3.		UNKNOWN	3.791	4	JB
4.		UNKNOWN	4.017	6	JB
5.		UNKNOWN	4.452	2	J
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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14.					
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29.					
30.					

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 27121 SAS No.: SDG No.: BOCES3

Matrix (soil/water): WATER Lab Sample ID: 712101

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	2.8	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.40	U		P
7440-47-3	Chromium	2.0	B		P
7440-50-8	Copper	36.9			P
7439-92-1	Lead	2.2	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	1.2	B		P
7782-49-2	Selenium	3.2	U		P
7440-22-4	Silver	0.70	U		P
7440-28-0	Thallium	2.1	U		P
7440-66-6	Zinc	22.8			P

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

MW-1 26957-01

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 27121 SAS No.: SDG No.: BOCES3

Matrix (soil/water): WATER Lab Sample ID: 712102

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	1.6	U		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	2.8	B		P
7440-47-3	Chromium	5.9	B		P
7440-50-8	Copper	29.7			P
7439-92-1	Lead	2.0	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	1.3	B		P
7782-49-2	Selenium	3.2	U		P
7440-22-4	Silver	0.70	U		P
7440-28-0	Thallium	2.1	U		P
7440-66-6	Zinc	16.7	B		P

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

MW-2 26957-02

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
MW-3

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 27121 SAS No.: SDG No.: BOCES3

Matrix (soil/water): WATER Lab Sample ID: 712103

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	2.9	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	83.5			P
7440-47-3	Chromium	64.6			P
7440-50-8	Copper	19.6	B		P
7439-92-1	Lead	1.7	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	7.1	B		P
7782-49-2	Selenium	3.2	U		P
7440-22-4	Silver	0.70	U		P
7440-28-0	Thallium	2.1	U		P
7440-66-6	Zinc	186			P

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
MW-3 26957-03

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 27121 SAS No.: SDG No.: BOCES3

Matrix (soil/water): WATER Lab Sample ID: 712106

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	2.5	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.74	B		P
7440-47-3	Chromium	3.8	B		P
7440-50-8	Copper	16.2	B		P
7439-92-1	Lead	2.1	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	4.7	B		P
7782-49-2	Selenium	3.2	U		P
7440-22-4	Silver	0.70	U		P
7440-28-0	Thallium	2.1	U		P
7440-66-6	Zinc	34.4			P

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

MW-4 26957-06

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

10631

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 27121 SAS No.: SDG No.: BOCES3

Matrix (soil/water): WATER Lab Sample ID: 712107

Level (low/med): LOW Date Received: 02/29/96

Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	1.6	U		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.40	U		P
7440-47-3	Chromium	13.0			P
7440-50-8	Copper	36.3			P
7439-92-1	Lead	58.6			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	18.6	B		P
7782-49-2	Selenium	8.6			P
7440-22-4	Silver	0.70	U		P
7440-28-0	Thallium	12.1			P
7440-66-6	Zinc	131			P

Color Before: YELLOW Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

10631 26957-07

FORM I - IN ILM03.0

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 27024 SAS No.: SDG No.: BOCES2

Matrix (soil/water): WATER Lab Sample ID: 702401

Level (low/med): LOW Date Received: 02/29/96

Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	8.5	U		P
7440-38-2	Arsenic	5.1	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.30	U		P
7440-47-3	Chromium	1.0	U		P
7440-50-8	Copper	1.7	U		P
7439-92-1	Lead	1.4	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	2.0	U		P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	1.3	U		P
7440-28-0	Thallium	5.6	U		P
7440-66-6	Zinc	16.5	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FB 26597-06

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B11618

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28102 SAS No.: SDG No.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 828901

Level (low/med): LOW Date Received: 07/10/96

% Solids: 92.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	1.4		*	P
7440-41-7	Beryllium	0.02	U		P
7440-43-9	Cadmium	1.8			P
7440-47-3	Chromium	7.0			P
7440-50-8	Copper	27.0			P
7439-92-1	Lead	18.4			P
7439-97-6	Mercury	2.0		N	CV
7440-02-0	Nickel	2.9	B		P
7782-49-2	Selenium	0.45	U	*	P
7440-22-4	Silver	0.47	U		P
7440-28-0	Thallium	0.82	U		P
7440-66-6	Zinc	32.9		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B11820

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302 SAS No.: SDG No.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 828902

Level (low/med): LOW Date Received: 07/10/96

% Solids: 94.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	1.8	U		P
7440-38-2	Arsenic	0.98		*	P
7440-41-7	Beryllium	0.02	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	3.4			P
7440-50-8	Copper	2.5			P
7439-92-1	Lead	2.7			P
7439-97-6	Mercury	0.11	U	N	CV
7440-02-0	Nickel	1.2	B		P
7782-49-2	Selenium	0.39	U	*	P
7440-22-4	Silver	0.41	U		P
7440-28-0	Thallium	0.71	U		P
7440-66-6	Zinc	5.2		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B12022

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302 SAS NO.: SDG NO.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 828903

Level (low/med): LOW Date Received: 07/10/96

% Solids: 96.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	0.79	B	*	P
7440-41-7	Beryllium	0.03	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	4.7			P
7440-50-8	Copper	3.8			P
7439-92-1	Lead	2.6			P
7439-97-6	Mercury	0.10	U	N	CV
7440-02-0	Nickel	1.9	B		P
7782-49-2	Selenium	0.44	U	*	P
7440-22-4	Silver	0.46	U		P
7440-28-0	Thallium	0.83	B		P
7440-66-6	Zinc	8.2		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B12729

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302 SAS No.: SDG No.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 828904

Level (low/med): LOW Date Received: 07/10/96

% Solids: 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.2	U		P
7440-38-2	Arsenic	2.7		*	P
7440-41-7	Beryllium	0.21	B		P
7440-43-9	Cadmium	0.06	U		P
7440-47-3	Chromium	10			P
7440-50-8	Copper	8.5			P
7439-92-1	Lead	3.8			P
7439-97-6	Mercury	0.16		N	CV
7440-02-0	Nickel	5.9			P
7782-49-2	Selenium	0.47	U	*	P
7440-22-4	Silver	0.50	U		P
7440-28-0	Thallium	0.86	U		P
7440-66-6	Zinc	16.8		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
B21820

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): SOIL Lab Sample ID: 930301

Level (low/med): LOW Date Received: 10/04/96

% Solids: 77.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	1.8			P
7440-41-7	Beryllium	0.10	B		P
7440-43-9	Cadmium	3.5			P
7440-47-3	Chromium	6.8			P
7440-50-8	Copper	111		N	P
7439-92-1	Lead	118			P
7439-97-6	Mercury	0.41			CV
7440-02-0	Nickel	3.7	B		P
7782-49-2	Selenium	0.51	U		P
7440-22-4	Silver	0.54	U		P
7440-28-0	Thallium	0.93	U		P
7440-66-6	Zinc	107			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B22022

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): SOIL Lab Sample ID: 930304

Level (low/med): LOW Date Received: 10/04/96

% Solids: 95.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.0	U		P
7440-38-2	Arsenic	1.1			P
7440-41-7	Beryllium	0.06	B		P
7440-43-9	Cadmium	0.12	B		P
7440-47-3	Chromium	4.9			P
7440-50-8	Copper	6.3		N	P
7439-92-1	Lead	6.3			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.3	B		P
7782-49-2	Selenium	0.43	U		P
7440-22-4	Silver	0.44	U		P
7440-28-0	Thallium	0.77	U		P
7440-66-6	Zinc	11.7			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B22224

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): SOIL Lab Sample ID: 930305

Level (low/med): LOW Date Received: 10/04/96

% Solids: 94.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	1.8	U		P
7440-38-2	Arsenic	1.3			P
7440-41-7	Beryllium	0.09	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	5.2			P
7440-50-8	Copper	3.6		N	P
7439-92-1	Lead	1.9			P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	1.5	B		P
7782-49-2	Selenium	0.40	U		P
7440-22-4	Silver	0.41	U		P
7440-28-0	Thallium	0.72	U		P
7440-66-6	Zinc	7.1			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B22729

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): SOIL Lab Sample ID: 930306

Level (low/med): LOW Date Received: 10/04/96

% Solids: 97.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	1.8	U		P
7440-38-2	Arsenic	0.47	U		P
7440-41-7	Beryllium	0.07	B		P
7440-43-9	Cadmium	0.04	U		P
7440-47-3	Chromium	8.2			P
7440-50-8	Copper	2.6		N	P
7439-92-1	Lead	1.4			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.3	B		P
7782-49-2	Selenium	0.39	U		P
7440-22-4	Silver	0.40	U		P
7440-28-0	Thallium	0.70	U		P
7440-66-6	Zinc	6.3			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B31517

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): SOIL Lab Sample ID: 930307

Level (low/med): LOW Date Received: 10/04/96

% Solids: 75.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	2.5			P
7440-41-7	Beryllium	0.10	B		P
7440-43-9	Cadmium	1.3			P
7440-47-3	Chromium	39.2			P
7440-50-8	Copper	30.8		N	P
7439-92-1	Lead	29.5			P
7439-97-6	Mercury	0.54			CV
7440-02-0	Nickel	2.3	B		P
7782-49-2	Selenium	0.55	U		P
7440-22-4	Silver	0.57	U		P
7440-28-0	Thallium	0.99	U		P
7440-66-6	Zinc	37.2			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B31719

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): SOIL Lab Sample ID: 930308

Level (low/med): LOW Date Received: 10/04/96

% Solids: 93.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	6.4			P
7440-41-7	Beryllium	0.11	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	15.0			P
7440-50-8	Copper	6.6		N	P
7439-92-1	Lead	3.9			P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	2.2	B		P
7782-49-2	Selenium	0.46	U		P
7440-22-4	Silver	0.48	U		P
7440-28-0	Thallium	0.83	U		P
7440-66-6	Zinc	11.7			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B31921

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): SOIL Lab Sample ID: 930309

Level (low/med): LOW Date Received: 10/04/96

% Solids: 97.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.0	U		P
7440-38-2	Arsenic	0.75	B		P
7440-41-7	Beryllium	0.09	B		P
7440-43-9	Cadmium	0.06	B		P
7440-47-3	Chromium	5.8			P
7440-50-8	Copper	4.5		N	P
7439-92-1	Lead	2.4			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.9	B		P
7782-49-2	Selenium	0.43	U		P
7440-22-4	Silver	0.45	U		P
7440-28-0	Thallium	0.79	U		P
7440-66-6	Zinc	9.9			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B32123

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): SOIL Lab Sample ID: 930310

Level (low/med): LOW Date Received: 10/04/96

% Solids: 96.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.0	U		P
7440-38-2	Arsenic	1.7			P
7440-41-7	Beryllium	0.08	B		P
7440-43-9	Cadmium	0.07	B		P
7440-47-3	Chromium	5.4			P
7440-50-8	Copper	3.4		N	P
7439-92-1	Lead	2.4			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.2	B		P
7782-49-2	Selenium	0.43	U		P
7440-22-4	Silver	0.46	U		P
7440-28-0	Thallium	0.79	U		P
7440-66-6	Zinc	9.0			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B32729

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): SOIL Lab Sample ID: 930311

Level (low/med): LOW Date Received: 10/04/96

% Solids: 95.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	0.72	B		P
7440-41-7	Beryllium	0.06	B		P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	5.5			P
7440-50-8	Copper	3.3		N	P
7439-92-1	Lead	3.1			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.3	B		P
7782-49-2	Selenium	0.45	U		P
7440-22-4	Silver	0.47	U		P
7440-28-0	Thallium	0.81	U		P
7440-66-6	Zinc	8.3			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B41416

Lab Name: NYTEST_ENV_INC_____ Contract: 9622258___

Lab Code: NYTEST Case No.: 28302_ SAS No.: _____ SDG No.: BOCES4

Matrix (soil/water): SOIL_ Lab Sample ID: 828905

Level (low/med): LOW__ Date Received: 07/10/96

% Solids: _95.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	2.1	U		P_
7440-38-2	Arsenic__	1.0	B	*	P_
7440-41-7	Beryllium	0.02	U		P_
7440-43-9	Cadmium__	0.27	B		P_
7440-47-3	Chromium_	3.4	_		P_
7440-50-8	Copper___	9.7	_		P_
7439-92-1	Lead____	6.4	_		P_
7439-97-6	Mercury__	0.22	_	N	CV
7440-02-0	Nickel___	1.6	B		P_
7782-49-2	Selenium_	0.44	U	*	P_
7440-22-4	Silver___	0.46	U		P_
7440-28-0	Thallium_	0.80	U		P_
7440-66-6	Zinc____	14.8	_	*	P_

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B41618

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302 SAS No.: SDG No.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 828906

Level (low/med): LOW Date Received: 07/10/96

% Solids: 96.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.0	U		P
7440-38-2	Arsenic	0.53	U	*	P
7440-41-7	Beryllium	0.02	U		P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	2.9			P
7440-50-8	Copper	2.4	B		P
7439-92-1	Lead	2.2			P
7439-97-6	Mercury	0.21		N	CV
7440-02-0	Nickel	1.3	B		P
7782-49-2	Selenium	0.43	U	*	P
7440-22-4	Silver	0.45	U		P
7440-28-0	Thallium	0.79	U		P
7440-66-6	Zinc	7.5		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B41820

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28:02 SAS No.: SDG No.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 828907

Level (low/med): LOW Date Received: 07/10/96

% Solids: 86.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.3	U		P
7440-38-2	Arsenic	1.5		*	P
7440-41-7	Beryllium	0.05	B		P
7440-43-9	Cadmium	0.06	U		P
7440-47-3	Chromium	9.4			P
7440-50-8	Copper	4.0			P
7439-92-1	Lead	1.6			P
7439-97-6	Mercury	0.16		N	CV
7440-02-0	Nickel	1.5	B		P
7782-49-2	Selenium	0.50	U	*	P
7440-22-4	Silver	0.52	U		P
7440-28-0	Thallium	0.90	U		P
7440-66-6	Zinc	11.2		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B42022

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302 SAS No.: SDG No.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 828908

Level (low/med): LOW Date Received: 07/10/96

% Solids: 95.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	1.8		*	P
7440-41-7	Beryllium	0.04	B		P
7440-43-9	Cadmium	0.23	B		P
7440-47-3	Chromium	9.1			P
7440-50-8	Copper	4.3			P
7439-92-1	Lead	3.2			P
7439-97-6	Mercury	0.10	U	N	CV
7440-02-0	Nickel	1.8	B		P
7782-49-2	Selenium	0.44	U	*	P
7440-22-4	Silver	0.46	U		P
7440-28-0	Thallium	0.85	B		P
7440-66-6	Zinc	9.8		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B42729

Lab Name: NYTEST_ENV_INC_____ Contract: 9622258___

Lab Code: NYTEST Case No.: 28302_ SAS No.: _____ SDG No.: BOCES4

Matrix (soil/water): SOIL_ Lab Sample ID: 828909

Level (low/med): LOW__ Date Received: 07/10/96

% Solids: _90.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	2.1	U		P_
7440-38-2	Arsenic__	2.0		*	P_
7440-41-7	Beryllium	0.11	B		P_
7440-43-9	Cadmium__	0.10	B		P_
7440-47-3	Chromium_	6.0			P_
7440-50-8	Copper___	4.8			P_
7439-92-1	Lead____	3.0			P_
7439-97-6	Mercury__	0.34		N	CV
7440-02-0	Nickel___	3.2	B		P_
7782-49-2	Selenium_	0.45	U	*	P_
7440-22-4	Silver___	0.48	U		P_
7440-28-0	Thallium_	0.83	U		P_
7440-66-6	Zinc____	9.9		*	P_

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB514

Lab Name: NYTEST_ENV_INC___________ Contract: 9622258___

Lab Code: NYTEST Case No.: 28102_ SAS No.: ______ SDG No.: BOCES4

Matrix (soil/water): SOIL_ Lab Sample ID: 830209

Level (low/med): LOW__ Date Received: 07/10/96

% Solids: __94.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.0	U		P
7440-38-2	Arsenic	1.2		*	P
7440-41-7	Beryllium	0.04	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	4.0			P
7440-50-8	Copper	3.8			P
7439-92-1	Lead	10.8			P
7439-97-6	Mercury	0.18			CV
7440-02-0	Nickel	1.7	B		P
7782-49-2	Selenium	0.43	U	*	P
7440-22-4	Silver	0.45	U		P
7440-28-0	Thallium	0.89	B		P
7440-66-6	Zinc	9.6		*	P

Color Before: ________ Clarity Before: ______ Texture: ______

Color After: ________ Clarity After: ______ Artifacts: ______

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB516

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302 SAS No.: SDG No.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 830210

Level (low/med): LOW Date Received: 07/10/96

% Solids: 93.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.1	U		P
7440-38-2	Arsenic	0.59	B	*	P
7440-41-7	Beryllium	0.02	U		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	3.5			P
7440-50-8	Copper	4.2			P
7439-92-1	Lead	7.2			P
7439-97-6	Mercury	0.13			CV
7440-02-0	Nickel	1.2	B		P
7782-49-2	Selenium	0.45	U	*	P
7440-22-4	Silver	0.47	U		P
7440-28-0	Thallium	0.82	U		P
7440-66-6	Zinc	7.4		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB518

Lab Name: NYTEST_ENV_INC_____ Contract: 9622258___

Lab Code: NYTEST Case No.: 28302_ SAS No.: _____ SDG No.: BOCES4

Matrix (soil/water): SOIL_ Lab Sample ID: 830211

Level (low/med): LOW__ Date Received: 07/10/96

% Solids: _94.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	2.0	U		P_
7440-38-2	Arsenic__	0.83	B	*	P_
7440-41-7	Beryllium	0.02	U		P_
7440-43-9	Cadmium__	0.05	U		P_
7440-47-3	Chromium_	2.3			P_
7440-50-8	Copper___	3.2			P_
7439-92-1	Lead____	3.5			P_
7439-97-6	Mercury__	0.11	U		CV
7440-02-0	Nickel___	1.1	B		P_
7782-49-2	Selenium_	0.42	U	*	P_
7440-22-4	Silver___	0.44	U		P_
7440-28-0	Thallium_	0.77	U		P_
7440-66-6	Zinc____	6.6		*	P_

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB520

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28303 SAS No.: SDG No.: BOCES5

Matrix (soil/water): SOIL Lab Sample ID: 830301

Level (low/med): LOW Date Received: 07/10/96

% Solids: 95.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.0	U	N	P
7440-38-2	Arsenic	1.1			P
7440-41-7	Beryllium	0.34	B		P
7440-43-9	Cadmium	0.38	B	*	P
7440-47-3	Chromium	5.1		N*	P
7440-50-8	Copper	3.7		N*	P
7439-92-1	Lead	9.6		*	P
7439-97-6	Mercury	0.21		N	CV
7440-02-0	Nickel	2.3	B		P
7782-49-2	Selenium	0.63			P
7440-22-4	Silver	0.45	U		P
7440-28-0	Thallium	0.87	B		P
7440-66-6	Zinc	7.7			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB527

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28303 SAS No.: _____ SDG No.: BOCES5

Matrix (soil/water): SOIL Lab Sample ID: 830302

Level (low/med): LOW Date Received: 07/10/96

% Solids: 76.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.4	U	N	P
7440-38-2	Arsenic	3.9			P
7440-41-7	Beryllium	0.28	B		P
7440-43-9	Cadmium	0.15	B	*	P
7440-47-3	Chromium	13.6		N*	P
7440-50-8	Copper	10.3		N*	P
7439-92-1	Lead	7.7		*	P
7439-97-6	Mercury	0.23		N	CV
7440-02-0	Nickel	7.1			P
7782-49-2	Selenium	0.52	U		P
7440-22-4	Silver	0.55	U		P
7440-28-0	Thallium	0.95	U		P
7440-66-6	Zinc	21.2			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB614

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302 SAS No.: SDG No.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 830202

Level (low/med): LOW Date Received: 07/10/96

% Solids: 93.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.0	U		P
7440-38-2	Arsenic	1.7		*	P
7440-41-7	Beryllium	0.40	B		P
7440-43-9	Cadmium	0.25	B		P
7440-47-3	Chromium	2.4			P
7440-50-8	Copper	2.1	B		P
7439-92-1	Lead	1.3			P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	1.0	B		P
7782-49-2	Selenium	0.71		*	P
7440-22-4	Silver	0.44	U		P
7440-28-0	Thallium	0.76	U		P
7440-66-6	Zinc	3.2		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB616

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302 SAS No.: SDG No.: BOCES4

Matrix (soil/water): SOIL Lab Sample ID: 830205

Level (low/med): LOW Date Received: 07/10/96

% Solids: 96.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.0	U		P
7440-38-2	Arsenic	1.6		*	P
7440-41-7	Beryllium	0.04	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	26.5			P
7440-50-8	Copper	2.9			P
7439-92-1	Lead	1.1			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.3	B		P
7782-49-2	Selenium	0.43	U	*	P
7440-22-4	Silver	0.45	U		P
7440-28-0	Thallium	1.2			P
7440-66-6	Zinc	5.7		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB618

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302_ SAS No.: ______ SDG No.: BOCES4

Matrix (soil/water): SOIL_ Lab Sample ID: 830206

Level (low/med): LOW__ Date Received: 07/10/96

% Solids: _95.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	2.0	U		P
7440-38-2	Arsenic	0.94	B	*	P
7440-41-7	Beryllium	0.05	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	2.4			P
7440-50-8	Copper	3.0			P
7439-92-1	Lead	1.1			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.4	B		P
7782-49-2	Selenium	0.42	U	*	P
7440-22-4	Silver	0.44	U		P
7440-28-0	Thallium	1.0			P
7440-66-6	Zinc	4.3		*	P

Color Before: ______ Clarity Before: ______ Texture: ______

Color After: ______ Clarity After: ______ Artifacts: ______

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB620

Lab Name: NYTEST_ENV_INC_____ Contract: 9622258___

Lab Code: NYTEST Case No.: 28302_ SAS No.: _____ SDG No.: BOCES4

Matrix (soil/water): SOIL_ Lab Sample ID: 830207

Level (low/med): LOW__ Date Received: 07/10/96

% Solids: _98.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	1.9	U		P_
7440-38-2	Arsenic__	2.1		*	P_
7440-41-7	Beryllium	0.08	B		P_
7440-43-9	Cadmium__	0.05	U		P_
7440-47-3	Chromium_	4.9			P_
7440-50-8	Copper___	6.9			P_
7439-92-1	Lead____	1.3			P_
7439-97-6	Mercury__	0.10	U		CV
7440-02-0	Nickel___	1.7	B		P_
7782-49-2	Selenium_	0.41	U	*	P_
7440-22-4	Silver___	0.43	U		P_
7440-28-0	Thallium_	0.77	B		P_
7440-66-6	Zinc____	5.9		*	P_

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

XSB627

Lab Name: NYTEST_ENV_INC____________ Contract: 9622258___

Lab Code: NYTEST Case No.: 28302_ SAS No.: ______ SDG No.: BOCES4

Matrix (soil/water): SOIL_ Lab Sample ID: 830208

Level (low/med): LOW__ Date Received: 07/10/96

% Solids: _91.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	2.2	U		P_
7440-38-2	Arsenic_	1.3		*	P_
7440-41-7	Beryllium	0.05	B		P_
7440-43-9	Cadmium_	0.05	U		P_
7440-47-3	Chromium_	4.3			P_
7440-50-8	Copper_	2.6	B		P_
7439-92-1	Lead_	1.7			P_
7439-97-6	Mercury_	0.11	U		CV
7440-02-0	Nickel_	1.8	B		P_
7782-49-2	Selenium_	0.46	U	*	P_
7440-22-4	Silver_	0.48	U		P_
7440-28-0	Thallium_	0.84	U		P_
7440-66-6	Zinc_	4.4		*	P_

Color Before: ________ Clarity Before: ______ Texture: ______

Color After: ________ Clarity After: ______ Artifacts: ______

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FB1

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28302 SAS No.: SDG No.: BOCES4

Matrix (soil/water): WATER Lab Sample ID: 830201

Level (low/med): LOW Date Received: 07/10/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	concentration	C	Q	M
7440-36-0	Antimony	20.1	U		P
7440-38-2	Arsenic	5.2	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	8.3	U		P
7440-50-8	Copper	5.4	U		P
7439-92-1	Lead	2.2	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	4.2	U		P
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	4.5	U		P
7440-28-0	Thallium	7.8	U		P
7440-66-6	Zinc	17.6	B		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FB2

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28303 SAS No.: SDG No.: BOCES5

Matrix (soil/water): WATER Lab Sample ID: 830310

Level (low/med): LOW Date Received: 07/10/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	20.1	U		P
7440-38-2	Arsenic	5.2	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	8.3	U		P
7440-50-8	Copper	5.4	U		P
7439-92-1	Lead	2.2	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	4.2	U		P
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	4.5	U		P
7440-28-0	Thallium	7.8	U		P
7440-66-6	Zinc	9.0	U		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FB-1

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 29303 SAS No.: SDG No.: BOCE1

Matrix (soil/water): WATER Lab Sample ID: 930312

Level (low/med): LOW Date Received: 10/04/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	20.1	U		P
7440-38-2	Arsenic	5.2	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	8.3	U		P
7440-50-8	Copper	25.5			P
7439-92-1	Lead	2.2	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	4.2	U		P
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	4.5	U		P
7440-28-0	Thallium	7.8	U		P
7440-66-6	Zinc	50.8			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.C961818/1 05/15/96

Dvirka and Bartilucci Engineers
330 Crossways Park Drive
Woodbury, NY 11797
ATTN: David Glass

SOURCE OF SAMPLE: Grumman BOCES,1167-W, UNFILTERED
COLLECTED BY: Client DATE COL'D:05/07/96 RECEIVED:05/07/96

SAMPLE: Water sample, MW-3, 2:00 pm

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS
Antimony as Sb	mg/L	<0.005	
Arsenic as As	mg/L	0.16	
Beryllium as Be	mg/L	0.006	
Cadmium as Cd	mg/L	0.28	
Chromium as Cr	mg/L	0.59	
Copper as Cu	mg/L	0.22	
Lead as Pb	mg/L	0.13	
Mercury as Hg	mg/L	0.0007	
Nickel as Ni	mg/L	0.19	
Selenium as Se	mg/L	0.003	
Silver as Ag	mg/L	0.06	
Thallium as Tl	mg/L	<0.005	
Zinc as Zn	mg/L	1.2	

cc:

REMARKS:

DIRECTOR

rn= 9666 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO.C961818/2 05/15/96

Dvirka and Bartilucci Engineers
330 Crossways Park Drive
Woodbury, NY 11797
ATTN: David Glass

SOURCE OF SAMPLE: Grumman BOCES,1167-W, FILTERED*
COLLECTED BY: Client DATE COL'D:05/07/96 RECEIVED:05/07/96

SAMPLE: Water sample, MW-3F, 2:00 pm

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS
Antimony as Sb	mg/L	<0.005	
Arsenic as As	mg/L	<0.005	
Beryllium as Be	mg/L	<0.001	
Cadmium as Cd	mg/L	0.072	
Chromium as Cr	mg/L	0.08	
Copper as Cu	mg/L	<0.02	
Lead as Pb	mg/L	<0.005	
Mercury as Hg	mg/L	<0.00025	
Nickel as Ni	mg/L	<0.10	
Selenium as Se	mg/L	<0.002	
Silver as Ag	mg/L	<0.01	
Thallium as Tl	mg/L	<0.005	
Zinc as Zn	mg/L	0.17	

cc:

REMARKS: * Sample was filtered by lab.

DIRECTOR

rn= 9667 NYSDOH ID# 10320

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: NYTEST_ENV_INC_____ Contract: 9622258___

Lab Code: NYTEST Case No.: 27468 SAS No.: _____ SDG No.:27468_

SOW No.: ILM03.0

EPA Sample No.	Lab Sample ID
_DMW-3_____	_D746801_____
_MW-3_____	_746801_____
_____	_____
_____	_____
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Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

_____

_____

_____

_____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: __THOMAS__WIDERA_____

Date: _____ Title: __METALS_SUPERVISOR_____

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

DMW-3

Lab Name: NYTEST_ENV_INC Contract: 9622259

Lab Code: NYTEST Case No.: 27468 SAS No.: SDG No.: 27468

Matrix (soil/water): WATER Lab Sample ID: D746801

Level (low/med): LOW Date Received: 05/08/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	1.6	U		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	74.0			P
7440-47-3	Chromium	80.5			P
7440-50-8	Copper	1.3	U		P
7439-92-1	Lead	1.5	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	4.8	B		P
7782-49-2	Selenium	3.2	U		P
7440-22-4	Silver	0.70	U		P
7440-28-0	Thallium	2.1	U		P
7440-66-6	Zinc	222			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
MW-3

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 27468 SAS No.: SDG No.: 27468

Matrix (soil/water): WATER Lab Sample ID: 746801

Level (low/med): LOW Date Received: 05/08/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	23.0	B		P
7440-38-2	Arsenic	43.2			P
7440-41-7	Beryllium	5.4			P
7440-43-9	Cadmium	372			P
7440-47-3	Chromium	682			P
7440-50-8	Copper	238			P
7439-92-1	Lead	144			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	105			P
7782-49-2	Selenium	8.5			P
7440-22-4	Silver	79.3			P
7440-28-0	Thallium	27.6			P
7440-66-6	Zinc	1230			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

DMW3

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 28303 SAS No.: SDG No.: BOCES5

Matrix (soil/water): WATER Lab Sample ID: D832506

Level (low/med): LOW Date Received: 07/11/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	20.1	U	*	P
7440-38-2	Arsenic	7.3	B	*	P
7440-41-7	Beryllium	1.2	B		P
7440-43-9	Cadmium	69.2			P
7440-47-3	Chromium	83.4		*	P
7440-50-8	Copper	9.6	B	*	P
7439-92-1	Lead	2.2	U	*	P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.3	B	*	P
7782-49-2	Selenium	4.8	B		P
7440-22-4	Silver	4.5	U	N	P
7440-28-0	Thallium	7.8	U		P
7440-66-6	Zinc	248		*	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

DISSOLVED

Appendix D

APPENDIX D

RESULTS OF ORIGINAL ANALYSIS OF FEBRUARY 1996 GROUNDWATER SAMPLES FOR PRIORITY POLLUTANT METALS

GRUMMAN AEROSPACE CORPORATION - BOCES
PHASE II SITE ASSESSMENT
ORIGINAL GROUNDWATER SAMPLING RESULTS
PRIORITY POLLUTANT METALS
SUMMARY TABLE

SAMPLE IDENTIFICATION	MW-1	MW-2	MW-3	MW-4	10631	FB	INSTRUMENT DETECTION LIMITS	NYSDEC CLASS GA GROUNDWATER STANDARD/GUIDELINE
DATE OF COLLECTION	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96	02/27/96		
DILUTION FACTOR	1	1	1	1	1	1		
INORGANIC CONSTITUENTS	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Antimony	U	U	U	U	U	U	8.5	3 GV
Arsenic	U	U	U	U	U	U	5.1	25 ST
Beryllium	U	U	U	0.20 B	U	U	0.2	3 GV
Cadmium	U	3.4 B	85.7	1.4 B	1.9 B	U	0.3	10 ST
Chromium	U	7.1 B	85.6	1.9 B	12.7	21.9	1	50 ST
Copper	14.6 B	21.2 B	5.8 B	7.6 B	19.0 B	1.8 B	1.7	200 ST
Lead	U	2.0 B	U	2.7 B	44.6	U	1.4	25 ST
Mercury	U	U	U	U	U	U	0.2	2 ST
Nickel	U	U	6.8 B	5.8 B	16.6 B	19.7 B	2	----
Selenium	U	U	U	U	U	U	4.4	10 ST
Silver	U	U	U	U	U	U	1.3	50 ST
Thallium	U	U	U	U	10 B	U	5.6	4 GV
Zinc	16.6 B	10.4 B	188	29.7	92.7	22.9	3.3	300 ST

QUALIFIERS
U: Analyzed for but not detected
B: Concentration is less than the CRDL but greater than the IDL.

NOTES
GV: Guidance Value
ST: Standard
: value exceeds recommended cleanup objective
----: not established

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
MW-1

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES2

Matrix (soil/water): WATER Lab Sample ID: 659701

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	8.5	U		P
7440-38-2	Arsenic	5.1	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.30	U		P
7440-47-3	Chromium	1.0	U		P
7440-50-8	Copper	14.6	B		P
7439-92-1	Lead	1.4	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	2.0	U		P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	1.3	U		P
7440-28-0	Thallium	5.6	U		P
7440-66-6	Zinc	16.6	B	E	P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES2

Matrix (soil/water): WATER Lab Sample ID: 659702

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	8.5	U		P
7440-38-2	Arsenic	5.1	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	3.4	B		P
7440-47-3	Chromium	7.1	B		P
7440-50-8	Copper	21.2	B		P
7439-92-1	Lead	2.0	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	2.0	U		P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	1.3	U		P
7440-28-0	Thallium	5.6	U		P
7440-66-6	Zinc	10.4	B	E	P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

000051

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
MW-3

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES2

Matrix (soil/water): WATER Lab Sample ID: 659703

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	8.5	U		P
7440-38-2	Arsenic	5.1	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	85.7			P
7440-47-3	Chromium	65.5			P
7440-50-8	Copper	5.8	B		P
7439-92-1	Lead	1.4	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	6.8	B		P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	1.3	U		P
7440-28-0	Thallium	5.6	U		P
7440-66-6	Zinc	188		E	P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
MW-4

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES2

Matrix (soil/water): WATER Lab Sample ID: 659709

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	8.5	U		P
7440-38-2	Arsenic	5.1	U		P
7440-41-7	Beryllium	0.20	B		P
7440-43-9	Cadmium	1.4	B		P
7440-47-3	Chromium	1.9	B		P
7440-50-8	Copper	7.6	B		P
7439-92-1	Lead	2.7	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	5.8	B		P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	1.3	U		P
7440-28-0	Thallium	5.6	U		P
7440-66-6	Zinc	29.7		E	P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

000055

FORM I - IN ILM03.0

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
10631

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES2

Matrix (soil/water): WATER Lab Sample ID: 659707

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	8.5	U		P
7440-38-2	Arsenic	5.1	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	1.9	B		P
7440-47-3	Chromium	12.7			P
7440-50-8	Copper	19.0	B		P
7439-92-1	Lead	44.6			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	16.6	B		P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	1.3	U		P
7440-28-0	Thallium	10	B		P
7440-66-6	Zinc	92.7		E	P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: NYTEST_ENV_INC Contract: 9622258

Lab Code: NYTEST Case No.: 26597 SAS No.: SDG No.: BOCES2

Matrix (soil/water): WATER Lab Sample ID: 659706

Level (low/med): LOW Date Received: 02/29/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	8.5	U		P
7440-38-2	Arsenic	5.1	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.30	U		P
7440-47-3	Chromium	21.9			P
7440-50-8	Copper	1.8	B		P
7439-92-1	Lead	1.4	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	19.7	B		P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	1.3	U		P
7440-28-0	Thallium	5.6	U		P
7440-66-6	Zinc	22.9		E	P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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