

PPLEMENTAL REMEDIAL INVESTIGATION REPORT

LOCKHEED MARTIN TACTICAL DEFENSE SYSTEMS DIVISION (Former Unisys Corp. Site)

Great Neck, New York
NYSDEC Site No.130045

Prepared for:

New York State

Department of Environmental Conservation

On behalf of:

**Lockheed Martin Tactical Defense Systems Division of
Lockheed Martin Tactical Systems, Inc.**

DECEMBER 1996

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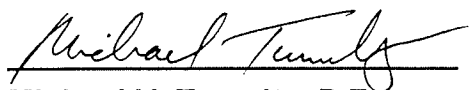
On behalf of:

**Lockheed Martin Tactical Defense Systems Division of
Lockheed Martin Tactical Systems, Inc.**

DECEMBER 1996

*Certified that the activities described herein have been performed in
accordance with the approved RI/FS Work Plan:*

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Vice President



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1.0 INTRODUCTION

The Lockheed Martin Tactical Defense Systems Division of Lockheed Martin Tactical Systems, Inc. facility (Lockheed Martin), located in Great Neck, New York, has been placed on the New York State Department of Environmental Conservation (NYSDEC) Inactive Hazardous Waste Disposal Site List. The facility is classified as a Class 2 site and was given the ID Number 130045. On December 13, 1991, Unisys Corporation (Unisys), the owner of the Lockheed Martin facility at the time, entered into an Administrative Order on Consent with the NYSDEC. The Consent Order required certain deliverables including a Remedial Investigation/Feasibility Study (RI/FS) Work Plan and a RI Report. The RI report was submitted to the NYSDEC in March of 1995 and Loral Corp. (Loral) (the owner of the property at that time) received comments from the NYSDEC in July of 1995. Loral addressed NYSDEC comments in an August 1995 letter and agreed to perform additional environmental investigations requested by NYSDEC. This report summarizes the additional environmental investigations and is submitted as a supplement to the March 1995 RI report.

The March 1995 RI report includes a summary of the site's operational history, geology, hydrogeology, past investigation results (prior to NYSDEC involvement), and Phase I RI results. The supplemental RI activities were performed consistent with the methods described in the RI/FS Work Plan and the Sampling and Analysis Plan (SAP) dated September 1993. The SAP is a stand alone document that details procedures to assure the quality, quantity and validity of data collected during the RI. The RI/FS Work Plan also included the Health and Safety Plan (HASP) and the Community Participation Plan (CPP).

Due to the size (over 94 acres) and complexity of the site, the NYSDEC divided the project area into two separate operable units (OUs) in the Summer of 1995. OU-I includes the on-site property presently owned by Lockheed Martin (i.e., 94 acres of land

as described in Section 2.0 of the Phase I RI). OU-II includes areas off of the site. This document represents the Supplemental RI results for both OUs. The focus of the next phase of work (i.e., the FS and Risk Assessment) will be on OU-I.

Since the completion of the work scoped under the Supplemental RI program, additional investigations and/or additional analytical data have been completed or have become available. These additional tasks include the collection and analyses of additional sediment and surface water samples from the storm water retention basins and soil samples from the area of the former dry wells. These data are presented and discussed in Section 8.0 of this document. Additionally, newly acquired groundwater chemistry data from Manhasset-Lakeville Water District (MLWD) municipal supply Well N1802 are discussed in Section 7.3.

2.0 SUPPLEMENTAL REMEDIAL INVESTIGATION OBJECTIVES

The main objective of the supplemental RI was to further characterize the nature and extent of organic and inorganic constituents both on and off-site. To obtain this objective, additional soil, surface water, groundwater, and sediment samples were collected to augment the March 1995 RI report data. The investigation itself consisted of the following scope of work:

- Soil sampling.
- Installation and sampling of an off-site monitor well.
- Downhole geophysical surveys.
- Lake Success sediment and water sampling.
- Electromagnetic survey.

The supplemental RI scope of work is described in detail in the Loral letter to NYSDEC dated August 7, 1995 (RI comment response). Sample collection methodologies are contained in the RI/FS Work Plan and the SAP which are dated September 1993 and which were approved by the NYSDEC in October 1993. All of the above tasks were conducted in accordance with the approved plans with the exception that the drilling was performed with mud-rotary techniques as opposed to a water rotary method. This modification was reviewed and approved by the NYSDEC prior to being implemented.

3.0 SUPPLEMENTAL SOIL INVESTIGATION

The purpose of the supplemental RI soil investigation was to establish background levels of organic and inorganic compounds, determine the average total organic carbon content of on-site soils, and address NYSDEC's concerns regarding the detection of organic constituents on the Lockheed Martin site. This objective was obtained through the collection and analysis of soil samples adjacent to the former dry wells, within the reclamation room, within former soil gas grid 3, and within former soil gas grid 4. In addition, a soil sample was collected at a "background" location agreed upon by NYSDEC and Lockheed Martin.

3.1 Background Soil Sample

A background location was mutually agreed upon by NYSDEC and Lockheed Martin and one soil sample was collected to determine background inorganic and organic levels. The background sample was collected north of the north parking field in a wooded area of the property. The sampling location is an undisturbed wooded area of the site with trees at least several decades old. The soil sample was collected with a stainless steel hand auger and the sample was analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (semi-VOCs), pesticides, total organic carbon (TOC), inorganics, and PCBs. As shown on Table 1, results of the analysis indicate that acetone was detected at concentrations of 6 micrograms per kilogram (ug/Kg). Fifteen semi-VOCs were detected in the sample with concentrations ranging from 18 ug/Kg to 520 ug/Kg (see Table 2). PCBs were not detected, however, 4,4-DDE and 4,4-DDT were detected at concentrations of 19 ug/Kg and 140 ug/Kg, respectively (see Table 3).

3.2 Soil Gas Grid Soil Sample

Soil samples were collected at 2 of the 6 RI soil gas survey locations. Results of the RI soil gas survey indicated the detection of VOCs in soil gas grid 3 (SGS3) and soil gas grid 4 (SGS4) ranging from 1 micrograms/liter (ug/L) to 6 ug/L. Based upon a review of the RI data, NYSDEC requested the collection of 1 soil sample in SGS3 and 1 soil sample in SGS4 as indicated on Figure 1. The supplemental RI soil samples collected at these locations were collected at a depth of approximately 1 foot using a stainless steel hand auger. Samples were submitted to the laboratory for VOCs, semi-VOCs, inorganics, pesticides, PCBs, and TOC.

Soil gas grid soil sample analytical results are summarized on Tables 1, 2, 3, and 4. VOCs were not detected in either sample with the exception of 3 ug/Kg of acetone at SGS4 (note acetone was detected in the field blank). Sixteen semi-VOCs were detected at SGS3 with concentrations ranging from 21 ug/Kg to 390 ug/Kg. Eighteen semi-VOCs were detected at soil gas grid location 4 with concentrations ranging from 17 ug/Kg to 1,100 ug/Kg. Low concentrations of pesticides ranging from 3.6 ug/Kg to 43 ug/Kg were detected at both locations. PCBs were not detected at SGS4, however, PCB concentrations ranging from 250 to 600 ug/Kg were detected at SGS3.

3.3 Dry Well Soil Samples

The dry well soil sample was collected at a depth of approximately 1 foot using a stainless steel hand auger. The sample was collected approximately 40 feet east of the south-east corner of the main building adjacent to RI Boring 16. The sample was analyzed for VOCs and TOC. As shown on Table 1, the dry well sample was non detect for VOCs and TOC content was 12,400 milligrams per kilogram (mg/Kg).

3.4 Reclamation Room Soil Sample

One soil sample was collected below the reclamation room slab using a stainless steel hand auger and submitted to the laboratory for VOC analysis. The purpose of the sampling was to determine if impacted soils were present below the building slab in the vicinity of the reclamation room. The reclamation room is located adjacent to the former dry wells in the south-east corner of the main building. Analysis of soil samples collected in the vicinity of the reclamation room during and prior to the RI indicated the presence of VOCs in this area. Results of the analysis (see Table 1) indicate trichloroethylene (TCE), tetrachloroethylene (PCE), and total xylene were detected at concentrations of 22 ug/Kg, 530 ug/Kg, and 4 ug/Kg respectively.

3.5 Summary of Supplemental Soil Investigation

- VOCs, with the exception of acetone, were not detected in soil samples collected at SGS3, SGS4, and adjacent to the former dry well.
- The concentrations and types of semi-VOCs detected in the soil samples collected from SGS3 and SGS4 were similar to the concentrations and compounds detected in the background sample.

- Trace levels of pesticides were detected in the background sample, SGS3, and SGS4.
- Low levels of PCBs were detected at SGS3.
- Inorganic concentrations at SGS3 and SGS4 were comparable to background levels.
- TCE, PCE, and xylene were detected in the sample collected under the reclamation room slab.
- Total organic carbon concentrations were 48,300 mg/Kg, 34,300 mg/Kg, and 12,400 mg/Kg with an average of 31,667 mg/Kg.

4.0 SUPPLEMENTAL GROUNDWATER INVESTIGATION

The main objectives of the supplemental groundwater investigation were to further evaluate the off-site groundwater quality and to further evaluate the hydraulic characteristics off of the Lockheed Martin site. The groundwater investigation included the installation and sampling of one monitoring well, drilling of four borings, sampling of wells owned by others, and conducting down hole geophysics. All of the above activities were conducted in accordance with the approved Work Plan and SAP.

The supplemental RI monitor well (16ML) was installed to a depth of 326 feet with 10 feet of screen. A generalized well construction diagram is included as Figure 2 and the location of the well is indicated on Figure 3. A geologic log for the well is found in Appendix A. After installation, a groundwater sample was collected from the well and analyzed for VOCs in accordance with the SAP. Results of the analysis indicate that PCE, TCE, and 1,2-DCE were detected at concentrations of 5 ug/L, 16 ug/L, and 21 ug/L respectively.

Borings were drilled at locations 13 MI, 14 MI, and 16 GL as indicated on Figure 3. The borings were originally completed as monitoring wells, however, after extensive development efforts, the wells did not yield water and could not be sampled. The borings and well 16 ML were logged with down hole geophysical techniques (natural gamma logging). The geophysical survey was conducted to obtain information on the stratigraphy of the underlying sediments, supplement the lithology data collected during drilling, and aid in the placement of well screens. Copies of the geophysical logs are contained in Appendix B.

Nassau County Department of Public Works (NCDPW) groundwater quality records were reviewed for recent sampling of off-site wells. Review of the records indicate that off-site wells N1102, N5535, N8038, N8970, N2576, N7560, N9982, and Q1909 were recently sampled for VOCs by NCDPW. These wells consisted of private non contact cooling wells, private irrigation wells, and publicly owned monitoring wells.

Results of the supplemental groundwater investigation are as follows (see Figure 3):

- Wells north of the Long Island Expressway were non detect for VOCs.
- Well N9982, located 2,400 feet south of the site, was non detect for VOCs.
- Well N8970, located 8,500 feet west of the site, was non detect for VOCs
- VOCs were detected above NYSDEC maximum concentration limits (MCLs) in 16 ML. Compounds detected above MCLs included PCE, TCE, 1,2-DCE at concentrations of 5 ug/L, 16 ug/L, and 21 ug/L respectively.

As part of the groundwater IRM, groundwater samples are collected and analyzed for VOCs by EPA Method 601 from the on- and off-site groundwater monitoring well network on a semi-annual basis (see Figure 3A). A summary of the analytical results is presented in Table 4A.

The NYSDEC supplied Lockheed Martin with analytical results from historic groundwater samples collected from the MLWD Wells N3905 and N4243 (see Tables 4B and 4C, respectively). VOCs of concern including 1,2-DCE (both cis and trans isomers), PCE, TCE were included in the data sets. All four VOCs were detected in the raw groundwater samples collected from both wells above NYSDEC Class GA Groundwater standards. Both wells are equipped with treatment systems.

5.0 LAKE SUCCESS INVESTIGATION

As part of the supplemental RI, three surface water and three sediment samples were collected from Lake Success. The samples were collected to determine if the lake has been impacted by VOCs found in the groundwater. Lake Success receives runoff from Lakeville Road, the surrounding neighborhood, and the Lake Success Golf Course. Lake Success is located approximately 1,600 feet north of the site as shown on Figure 4. The Lake Success samples were collected in accordance with the procedures outlined in the RI/FS work plan at locations indicated on Figure 4.

Surface water and sediment samples were analyzed for VOCs. Analytical summaries are presented on Figure 4 and Table 5 and laboratory reports are contained in Appendix D. As shown on Table 5, the only VOC detected in the water samples was acetone. This compound was detected in 1 of the 3 water samples at 2 ug/l. The only VOCs detected in the sediment samples were acetone and 2-butanone. 2-Butanone was detected in three soil samples at concentrations of 18 ug/Kg, 90 ug/Kg, and 120 ug/Kg. Acetone was detected in 4 soil samples at concentrations of 9 ug/g, 8 ug/g, 270 ug/g, and 350 ug/Kg. Results of the Lake Success investigation are as follows.

- Sediment and surface water of Lake Success has not been impacted by VOCs found in the groundwater on the Lockheed Martin site. The primary VOCs, PCE, TCE, and 1,2-DCE, found on site were not detected in the sediment and surface waters of Lake Success.
- The detection of 2-butanone and acetone in the sediment and water samples of Lake Success is unrelated to the site. As shown on Table 1, acetone was detected in the field blank.

6.0 ELECTROMAGNETIC SURVEY

As part of the supplemental RI, an electromagnetic survey was conducted to determine whether subsurface ferrous objects are present on-site. The electromagnetic survey was conducted in the north parking lot adjacent to well 28 GL as indicated on Figure 5. Water samples collected from 28 GL during the RI contained the highest level of VOCs detected in the groundwater on or off site. Based on these results, NYSDEC requested additional investigations of the subsurface (electromagnetic survey) in order to further evaluate this area of the site.

The electromagnetic survey was conducted using a Geonics EM-31 conductivity instrument. The EM31 is a one man portable unit with an effective depth of approximately 18 feet. The instrument is switched to the in-phase mode while performing a survey for metallic objects. When operating in this mode a subsurface ferrous object is indicated by a strong negative deflection or a "phase-out". Phase-out readings are indicated on Figure 5 by a "M". Positive and negative deflections other than "M" values indicated on Figure 5 are not indicative of subsurface ferrous objects. These small deflections are attributed to changing background conditions (e.g., proximity of surface metallic objects, power lines, etc.).

The instrument was read continuously while walking grid lines spaced 25 feet apart. While walking the grid lines the operator stopped every 25 feet and recorded the instrument reading. If an "M" value was observed the operator recorded the value at the exact location of the reading. During the survey care was taken to avoid cultural features that could affect the results. Features avoided included cars, metal guard rails, and fencing. It was not possible to extend the survey to the south and west due to obvious conductors such as the fencing and the building.

Results of the electromagnetic survey located three utility lines previously known to exist. As shown on Figure 5, these three utility lines included the power conduit between RW1 and EW3, the well water line, and the telephone conduit. All of the "M" readings observed during this survey were observed in the vicinity of these 3 lines. Results of the electromagnetic survey indicate that no previously unknown ferrous objects are contained in the subsurface of the survey area.

7.0 INTERIM REMEDIAL MEASURES

The purpose of Interim Remedial Measures (IRM) is to minimize the risk to the environment and public health during the performance of RI/FS activities and prior to NYSDEC's Record of Decision (ROD). IRM activities at this site consist of groundwater and soil-gas remediation IRM technologies as well as the investigation and repair of Lloyd Well No. N1802. These IRM activities are designated as IRM Operable Unit I, II and III, respectively. Performance of Operable Unit I and II are discussed in their work plans, dated January 27, 1993 and December 10, 1993.

7.1 Groundwater IRM

The groundwater IRM (OU-1) consists of a groundwater extraction and re-injection system. The groundwater is treated through the use of granulated activated carbon (GAC) filters and air strippers to remove the dissolved VOCs. OU-I has been in operation since April 8, 1993 and to date has treated approximately 840 million gallons of water.

7.2 Soil IRM

The soil IRM consists of a soil vapor extraction (SVE) system which has been installed in the vicinity of the VOC-impacted dry wells. The SVE system consists of four wells completed in the unsaturated zone. A vacuum is pulled on each SVE well which volatilizes the VOCs thereby removing them from the subsurface environment. Operable Unit II has been in operation since 1994 and has treated approximately 35,000 lbs. of VOCs.

7.3 Lloyd Well N1802 IRM

Lloyd Well No. N1802 is located on the corner of Lakeville Road and Union Turnpike and is owned and operated by the MLWD. Routine testing of this well detected the presence of VOCs and although the water was being treated with GAC prior to distribution, the NYSDEC requested that the well be investigated as part of the RI. Unisys tested the well and discovered the following:

- The driller's well construction summary indicates that the 20-inch outer casing does not penetrate the 150 foot bg clay aquitard.
- Down-hole television inspection of N-1802's did not indicate that the inner casing and screen of the well was damaged.
- An abrupt change in slope of the temperature gradient located at approximately 224 feet bg indicated a possible point of water flow.
- The gamma log indicated a clay layer was present between 410 and 482 feet bg.
- Presence of wave distortions on the full wave form sonic log indicated possible gravel or sand pack materials with a high percentage of void areas between 226 and 415 feet bg.
- A head differential of approximately 22 feet was observed between the upper and lower portions of the well following the inflation of a packer.
- The upper unscreened interval of the well (which was isolated from the lower portion of the well with a packer) recovered 1.62 feet in 10 minutes after initial well-bore evacuation.

Based on the above, the contamination was attributed to a hole in the well casing. Upon determining the problem, the well was repaired. Complete details of the testing and repair of Lloyd Well No. N1802 are included as Appendix D of the Phase I RI. The well was first brought back on line on July 19, 1996. The NCDOH has provided analytical data for groundwater samples collected in May, June, and July of 1996. The primary chemicals of concern PCE, TCE, and Cis-1,2-dichloroethene (Cis-1,2-DCE) have been historically detected in raw (i.e., untreated) groundwater samples collected from N-1802 above NYS Class GA groundwater water standards. It should be noted that the water is being treated prior to distribution. After repairing the well, concentrations of the contaminants of concern have significantly reduced and the treatment system is still on line.

8.0 MISCELLANEOUS

This section of the supplemental RI includes miscellaneous items that either the NYSDEC or Lockheed Martin wish included into the public record.

8.1 Plating Room

During a public meeting, Mr. Fred Schmidt, a retired Sperry Engineer, raised suspicions that Sperry may have once used cadmium and other metals in a plating operation that was conducted in the former G11 plating area. Unisys provided a response on August 4, 1994 (see Appendix E) in which the following points were made:

- The plating operations were conducted between 1940 and the late 1960s.
- The plating line included three concrete-lined, impervious acid-proof mastic coated sumps which were drained to a neutralizing basin. The neutralized effluent was routed to the sanitary sewer.
- In the late 1960's, the plating operation was dismantled and the sumps were cleaned, backfilled with sand, and covered with a 6 inch-thick concrete slab (the original concrete lining and mastic were left intact).
- The groundwater quality data, available to date, indicated that no metals were detected above concentrations of concerns.

Subsequent groundwater quality has been collected and cadmium was detected above concentrations of concern only in the groundwater sample collected from MW-15ML. This well is located upgradient to the Lockheed Martin facility in the Sears parking lot and does not reflect impacts from site-related activities. Therefore, based upon the facility records of the plating line, interviews with former employees, and the groundwater quality data, this issue is closed and no additional action is required.

8.2 Storm Water Retention Basin Sampling

Pursuant to the NYSDEC request, additional sediment and surface water samples were collected from the three storm water retention basins. The sampling locations are shown on Figure 6. The sediment samples were analyzed for Metals, SVOCs, and PCBs, while the surface water samples were analyzed for VOCs and Metals. Additionally,

selected sediment samples were analyzed for leachable metals using the toxicity characteristic leaching procedure (TCLP).

The Metals, SVOCs, PCBs, and TCLP Metals analytical results for the sediment samples are presented in Tables 6, 7, 8, and 9, respectively (see Appendix D for the laboratory data sheets). Arsenic, chromium, copper, mercury, nickel, lead, and zinc were present in most of the sediment samples above NYSDEC Recommended Soil Cleanup Objectives (RSCO). Three of the sediment samples were analyzed for TCLP Metals to evaluate the potential leachability of the metals. As shown in Table 9, none of the TCLP Metals exceeded the regulatory threshold for RCRA characteristically hazardous waste. This data also indicates that although the metals are present in the sediment samples, the metals are relatively immobile. Chrysene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, and/or dibenzo(a,h)anthracene were the only SVOCs detected above NYSDEC RSCOs. No PCBs were detected above NYSDEC RSCOs.

Surface water samples from each basin were collected and analyzed for Metals and VOCs. Zinc, at concentrations below NYS Class GA groundwater water standards, was the only metal detected in the three samples (see Table 10 and Appendix D for the laboratory data sheets). No VOCs were detected in surface water samples collected from the three basins (see Table 11).

8.3 Dry Well Area Soil Sampling

In September of 1996, eight soil borings were drilled and sampled in the vicinity of the five out-of-service dry wells to further evaluate the nature and extent of contamination in the unsaturated zone. Selected soil samples were analyzed for VOCs plus Freon 113 by EPA Method 8010, Metals (EPA Method SW-846), and total petroleum hydrocarbons (TPH) by USEPA Method 418.8.

The soil boring locations are shown on Figure 7. Soil Borings SB-1, SB-5, SB-6, and SB-7 were successfully drilled and sampled through four of the five targeted dry wells. As shown on the boring logs (see Appendix E), the soil samples collected from SB-1, SB-5, and SB-6 exhibited strong odors and photoionization detector (PID) readings, while the soil samples collected from SB-7 exhibited lower PID readings and only slight odors. Soil Borings SB-2, SB-3, and SB-4 were located outside of the dry wells to

evaluate the subsurface conditions approximately 10 feet from the center of the respective targeted dry wells. Due to the presence of cobbles and construction debris, the targeted depth of 40-feet below ground surface (bgs) was not attained in any of the soil borings. The final depths for each boring are indicated in the boring logs.

The location of the fifth out-of-service dry well for which Soil Boring SB-9 was targeted was not readily discernible in the field. Three soil borings were attempted in the vicinity of this fifth dry well. All three of the borings encountered subsurface obstructions (thought to be construction debris) and there was no indication (i.e., the presence of backfill sand) that the targeted dry well was encountered. Three additional soil borings were attempted in the vicinity of a second reported location. Cinder blocks (the material that the former dry wells were reportedly constructed) were encountered at approximately 3 feet below ground surface (bgs) in one of the borings. Each of the three borings met with refusal on what was thought to be construction debris. With NYSDEC approval, a final borehole was attempted. The augers met refusal at approximately 15 feet bgs and no soil samples were successfully collected with the split-spoon sampler. The soil cuttings on the augers from approximately 15 feet bgs exhibited a PID reading and a moderate odor; therefore, a sample of the cuttings was collected for chemical analyses (with NYSDEC approval).

The reported locations of the western-most dry well were very close to the locations of two 2,000-gallon and one 1,000-gallon underground storage tanks (USTs). All three USTs were reportedly removed during the late 1980's. It is possible that the dry well was encountered and removed during the excavation of the USTs.

VOCs Analytical Results

The VOC analytical results are presented in Table 12 (see Appendix D for the laboratory data sheets) and the original laboratory data sheets are included in Appendix E. Cross sections indicating the subsurface lithologies and VOC distribution are presented in Figures 8, 9, and 10. PCE, TCE, Cis-1,2-DCE, and isomers of dichlorobenzene (DCB) were detected above their respective NYSDEC RSCOs in the majority of the soil samples collected from SB-1, SB-5, and SB-6. These borings were completed through the center of the dry wells located at the southeast corner of the main building. A similar suite of analytes were also detected in the soil samples collected from SB-7 which was completed through the dry well located adjacent to the truck loading bay. However, none of the

contaminants of concern were detected above their respective RSCOs. Only very low concentrations of PCE and DCB were detected in the grab soil sample collected at SB-9.

With the exception of 1,900 micrograms per kilogram (ug/kg) PCE in the 28-30 foot soil sample collected from SB-7, no VOCs were detected above NYSDEC RSCOs in the samples collected from the soil borings completed adjacent to the dry wells.

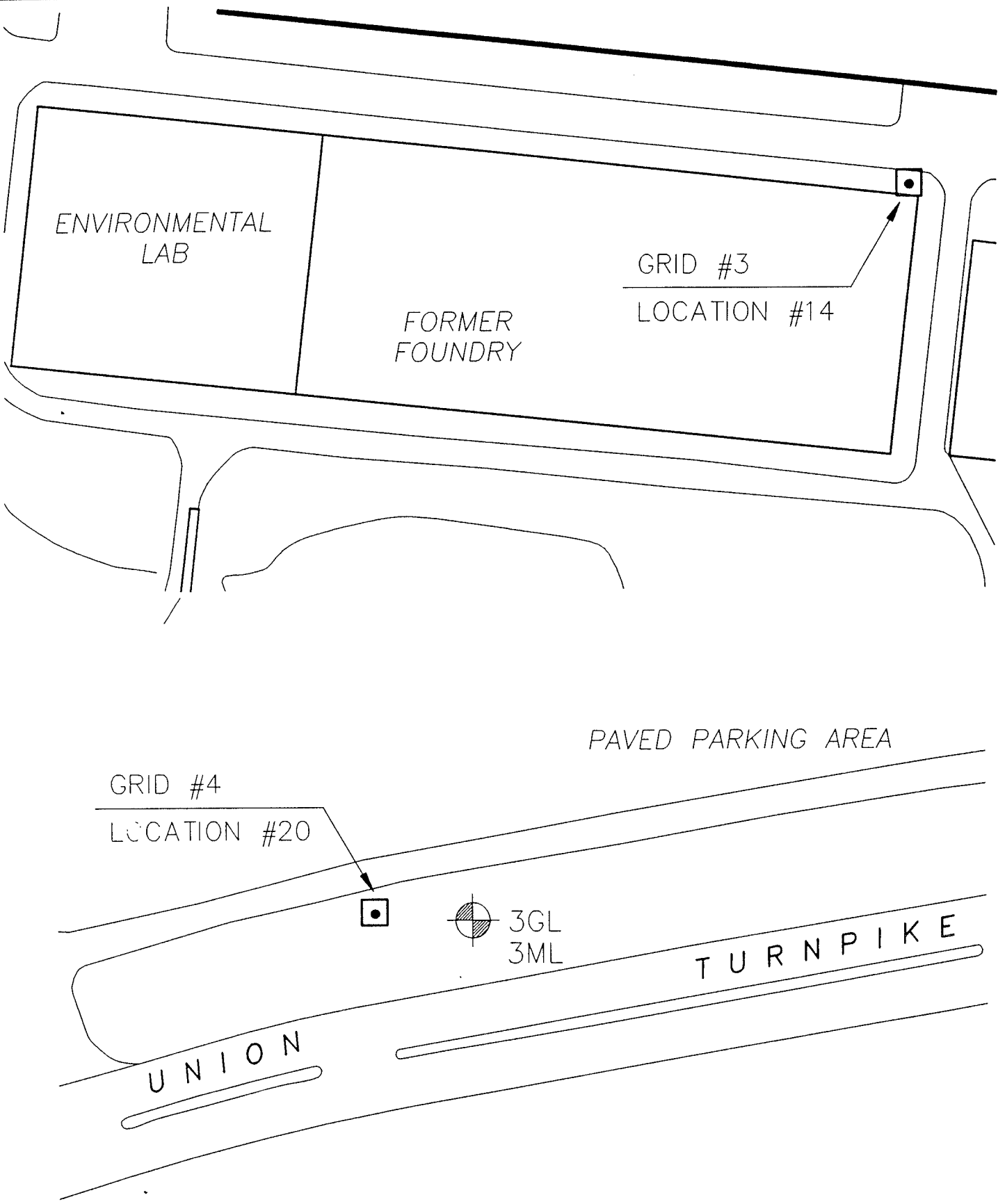
Metals and TPH Analytical Results

Selected soil samples were analyzed for metals and TPH (see Table 13 and Appendix D for the laboratory data sheets). The soil samples selected for metals analyses were those collected from within the dry wells. For comparison purposes, the available RSCOs, Eastern United States Background (EUS BG), and Nassau County Department of Health (NCDOH) concentrations of concern are included in Table 14.

None of the metals were detected above concentrations of concern in the soil sample collected from SB-7. Chromium, copper, mercury, nickel, and zinc were detected above concentrations of concern in the soil sample collected from SB-1. Copper, mercury, and/or zinc were detected above concentrations of concern in the two soil samples collected from SB-5. Chromium, copper, mercury, and zinc were detected above concentrations of concern in the 10 to 12 foot soil sample from SB-6; however, no metals exceeded concentrations of concern from the 28 to 30 foot soil sample collected from this boring. Copper was the only metal present above concentrations of concern in the grab soil sample collected from SB-9.

TPH was detected at 1,090 mg/kg in the 28 to 31 foot soil sample collected from SB-5. This was the only soil sample analyzed for TPH.

FIGURES



SOIL SAMPLING LOCATIONS
FOR FULL TCL LIST

0 100



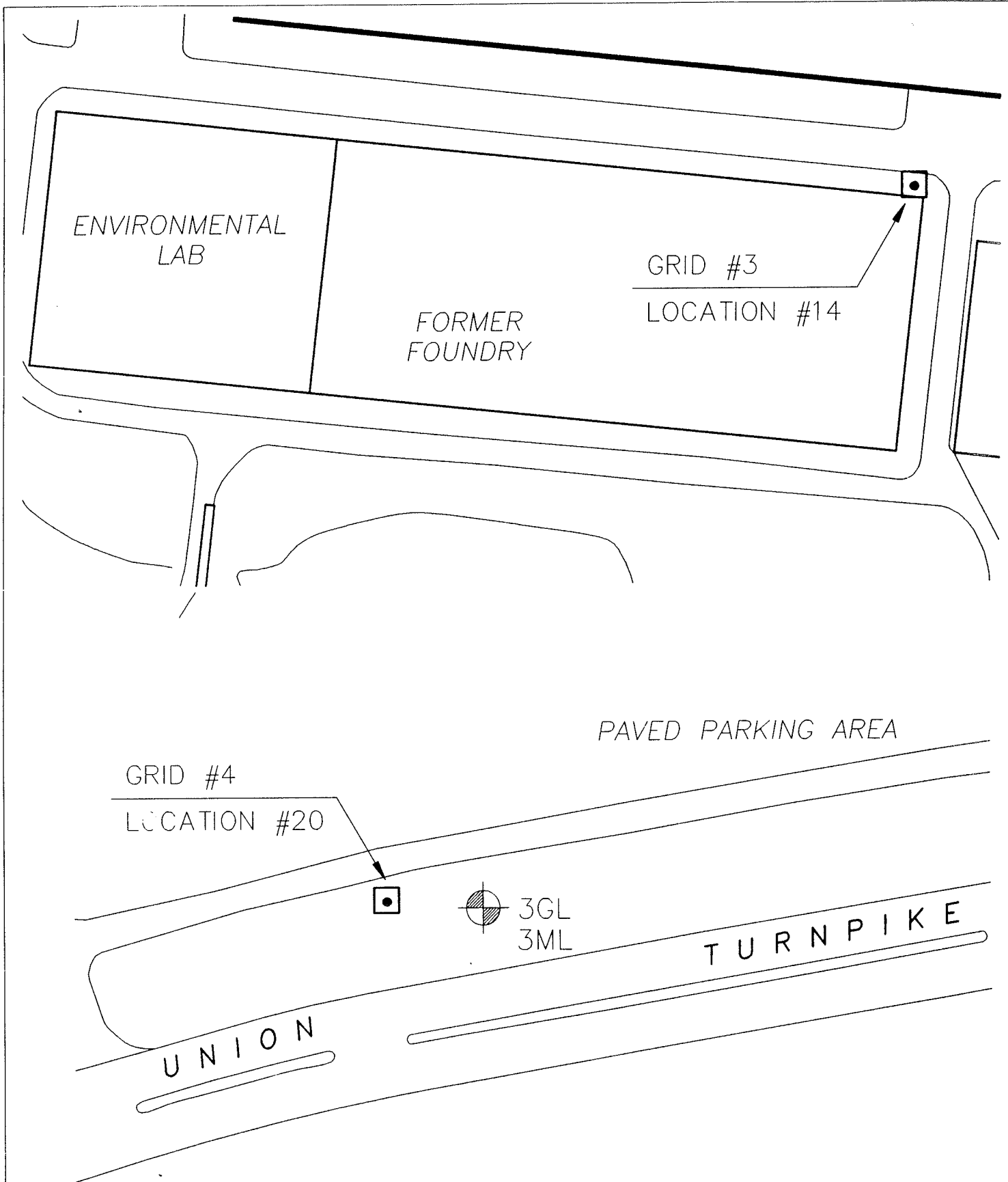
SCALE IN FEET

DATE	7/20/95
SCALE	1"=100'
DRAWN BY:	D.A.P.
CHK. BY:	F.J.F.
PROJ. MGR.:	F.J.F.
PROJ. NO.:	87041
ISSUED:	X

LOCKHEED MARTIN
GREAT NECK, NEW YORK
SOIL GAS GRID-SOIL SAMPLING LOCATIONS

**LOCKHEED
MARTIN**

FIGURE
1



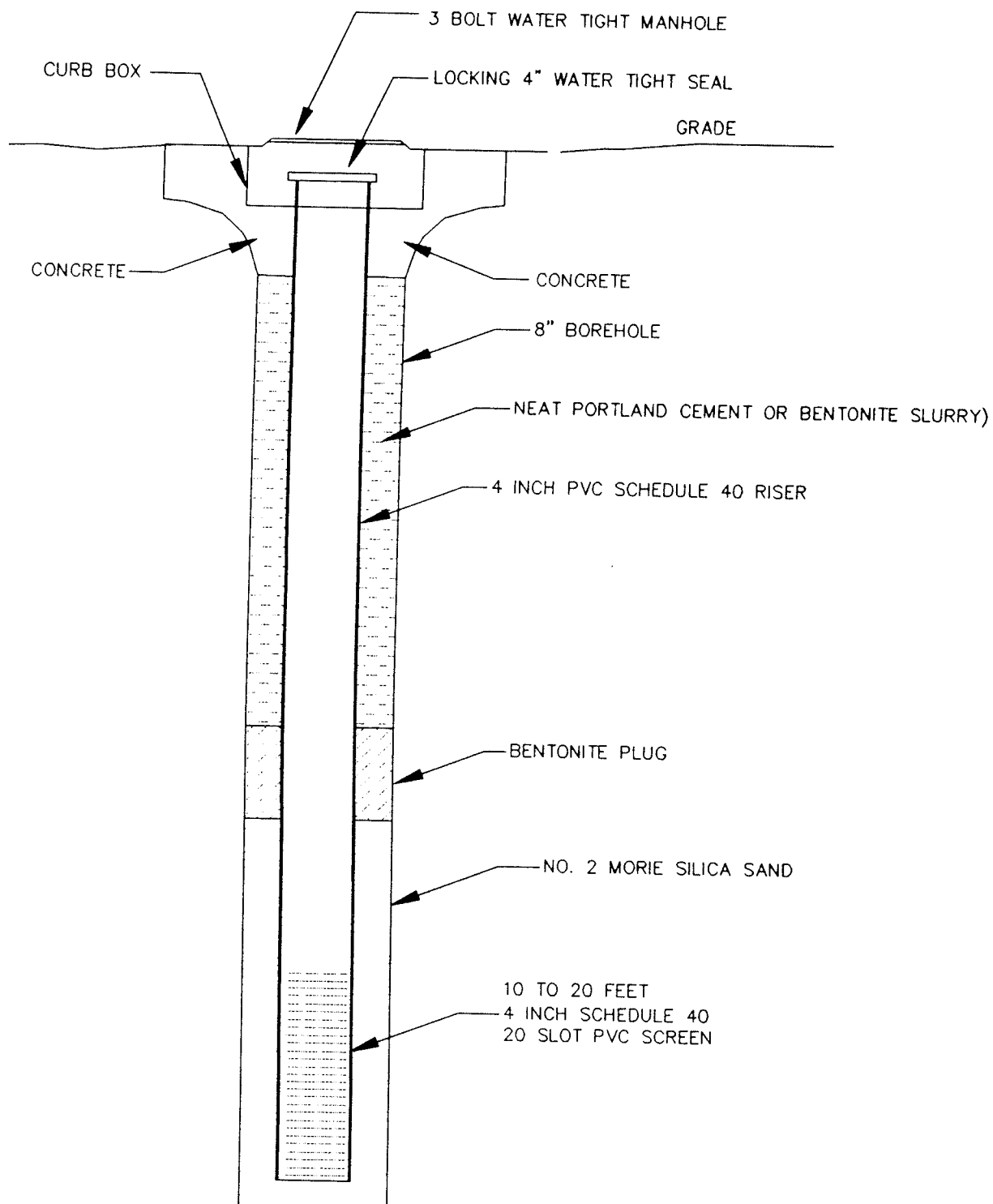
SOIL SAMPLING LOCATIONS
FOR FULL TCL LIST

0 100
SCALE IN FEET

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DATE	7/20/95
SCALE	1"=100'
DRAWN BY:	D.A.P
CHK. BY:	F.J.F.
PROJ. MGR.:	F.J.F.
PROJ. NO.:	87041
ISSUED:	X

LOCKHEED MARTIN GREAT NECK, NEW YORK SOIL GAS GRID-SOIL SAMPLING LOCATIONS	
LOCKHEED MARTIN	FIGURE 1



DATE	6/7/95	LOCKHEED MARTIN GREAT NECK, NEW YORK GENERALIZED WELL CONSTRUCTION DIAGRAM	
SCALE	N.T.S.		
DRAWN BY	D.A.P.		
CHK. BY	F.J.F.		
PROJ. MGR.	F.J.F.		
PROJ. NO.	87041	FIGURE 2	
ISSUED:			

DATE	PCE	TCE	1,2 DCE
12/94	ND	ND	ND

⊕
N5535
(390 ft)

DATE	PCE	TCE	1,2 DCE
11/94	ND	ND	ND

DATE	PCE	TCE	1,2 DCE
9/95	5	16	21

DATE	PCE	TCE	1,2 DCE
7/19/95	11	31	39

GOLF COURSE VILLAGE HALL

⊕
N8038
(295 ft)

LAKE SUCCESS

DATE	PCE	TCE	1,2 DCE
7/20/95	ND	ND	ND

DATE	PCE	TCE	1,2 DCE
7/95	110	110	407

⊕
N8970
6000'

NORTHERN

DATE	PCE	TCE	1,2 DCE
7/95	140	110	430

NASSAU CO
QUEENS CO

DATE	PCE	TCE	1,2 DCE
7/95	ND	ND	ND

LONG ISLAND JEWISH HOSPITAL

LEGEND

- ⊕ EXISTING LORAL MONITORING WELL
- ⊕ EXISTING WELLS OWNED BY OTHERS
- ▲ EXISTING WATER SUPPLY WELLS
- ⊙ BORING

ANALYTICAL RESULTS ARE IN UG/L

⊕
Q1909
(244)

⊕
N9982
2400'
SOUTH

DATE	1/2/96
SCALE	1"=800'
DRAWN BY:	D.A.P.
CHK. BY:	F.J.F.
PROJ. MGR.:	F.J.F.
PROJ. NO.:	87041
ISSUED:	

SUPPLEMENTAL INVESTIGATION
OFF-SITE GROUNDWATER QUALITY

**LOCKHEED
MARTIN**

FIGURE
3

0 800
FEET

DATE	PCE	TCE	1,2 DCE
12/94	ND	ND	ND

N5535
(390 ft)

DATE	PCE	TCE	1,2 DCE
11/94	ND	ND	ND

DATE	PCE	TCE	1,2 DCE
9/95	5	16	21

DATE	PCE	TCE	1,2 DCE
7/19/95	11	31	39

GOLF COURSE VILLAGE HALL

LAKE SUCCESS

HIGH SCHOOL

JUNIOR HIGH SCHOOL

DATE	PCE	TCE	1,2 DCE
7/20/95	ND	ND	ND

DATE	PCE	TCE	1,2 DCE
7/95	110	110	407

DATE	PCE	TCE	1,2 DCE
7/95	140	110	430

DATE	PCE	TCE	1,2 DCE
7/95	ND	ND	ND

LONG ISLAND JEWISH HOSPITAL

LEGEND

- ◆ EXISTING LORAL MONITORING WELL
- ⊕ EXISTING WELLS OWNED BY OTHERS
- ▲ EXISTING WATER SUPPLY WELLS
- ⊙ BORING

ANALYTICAL RESULTS ARE IN UG/L

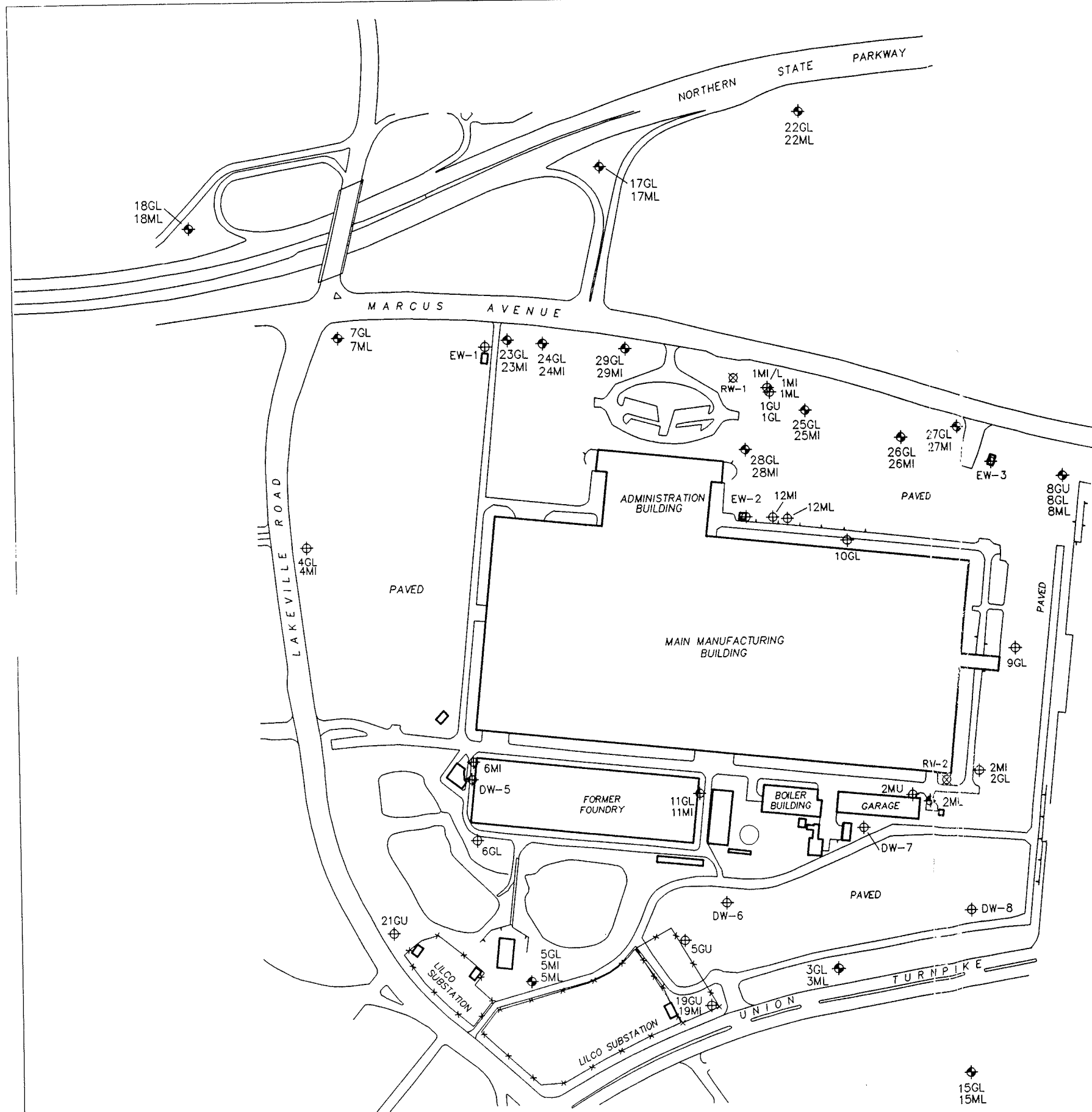


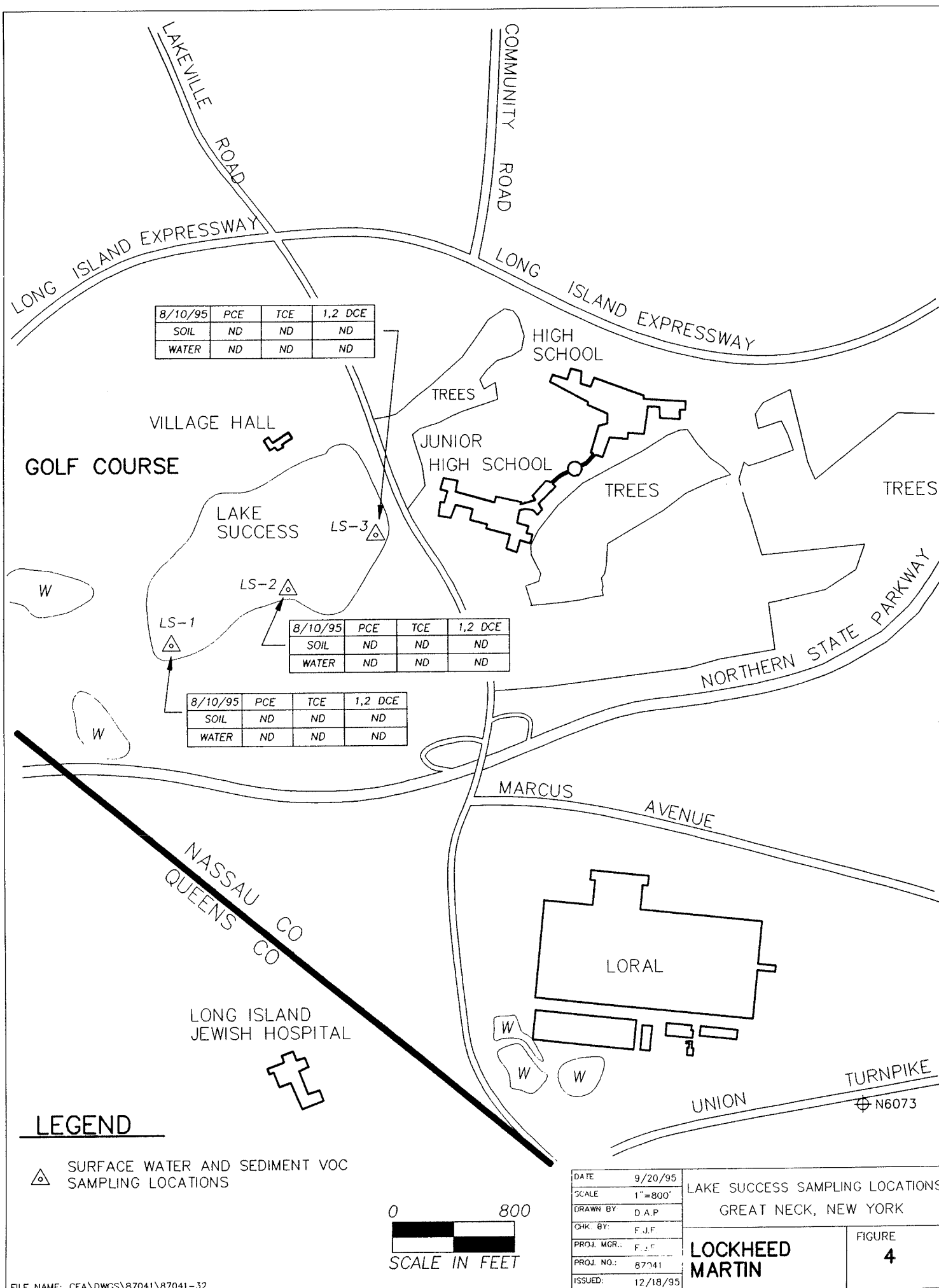
DATE	1/2/96
SCALE	1"=800'
DRAWN BY:	D.A.P.
CHK BY:	F.J.F.
PROJ. MGR.:	F.J.F.
PROJ. NO.:	87041
ISSUED:	

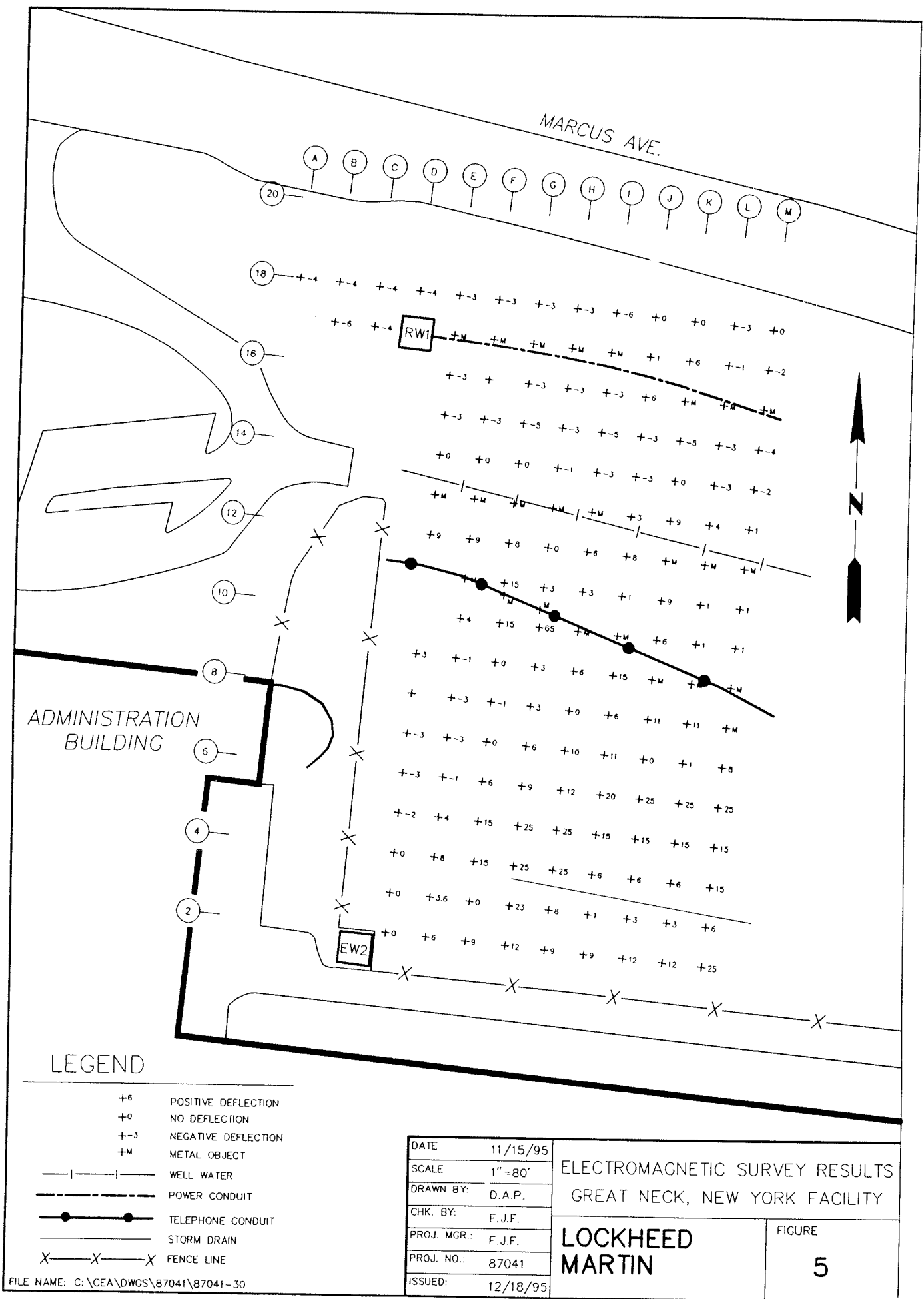
SUPPLEMENTAL INVESTIGATION
OFF-SITE GROUNDWATER QUALITY

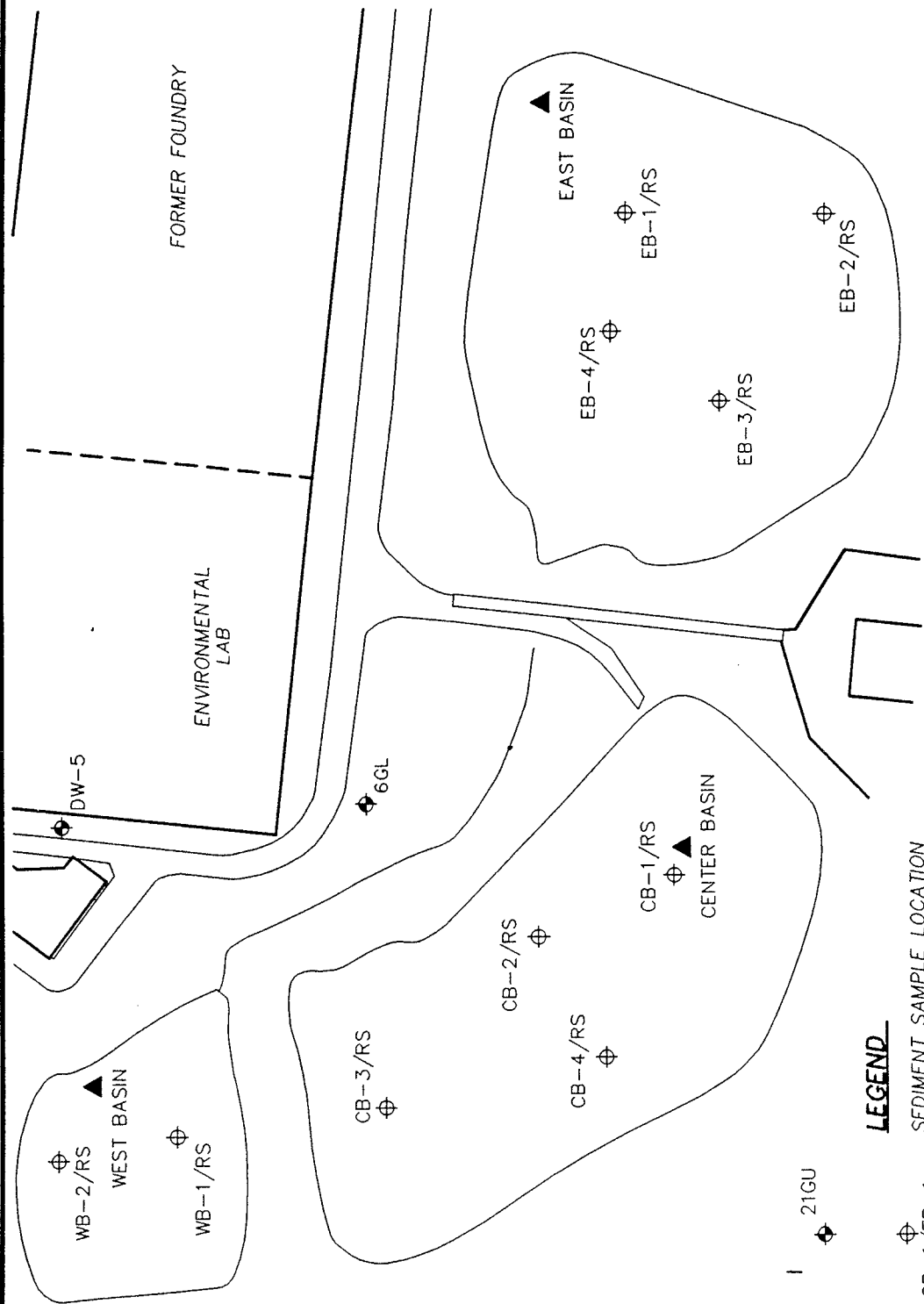
LOCKHEED
MARTIN

FIGURE
3









LEGEND

○ ⊕ SEDIMENT SAMPLE LOCATION

▲ WATER SAMPLE LOCATION

◇ ⊕ GROUND-WATER MONITOR WELL

6GL

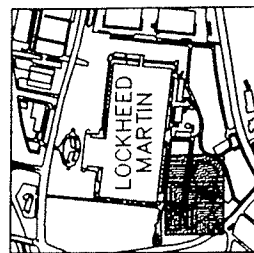
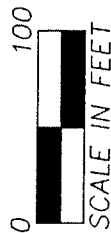
FIGURE 6

LOCKHEED MARTIN
GREAT NECK, NEW YORK FACILITY

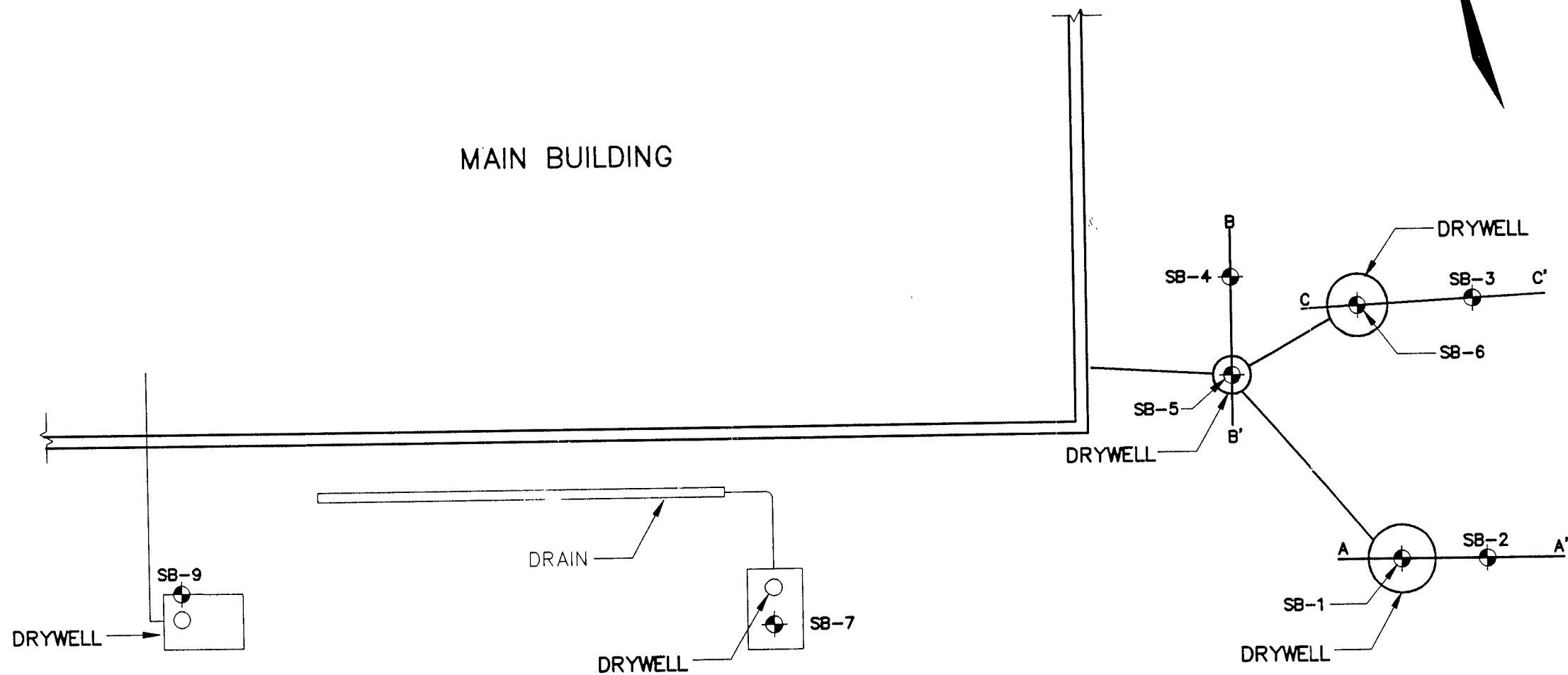
SURFACE-WATER AND SEDIMENT SAMPLING LOCATIONS (DRAINAGE BASINS) AUG. 8, 1996

DATE: 9/10/96

FIGURE: 1

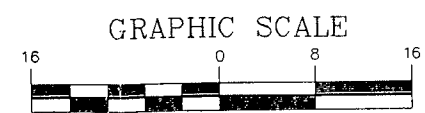


AREA OF ENLARGEMENT



PLAN

FIGURE 7
LOCKHEED MARTIN
SOIL BORING LOCATIONS
DRYWELL AREA



(IN FEET)
 1 inch = 16 ft.

M:\CADD\LORL\9606\SITEPLN2 11-18-96 11:39:15 am

H2MGROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
 MELVILLE, N.Y. TOTOWA, N.J.

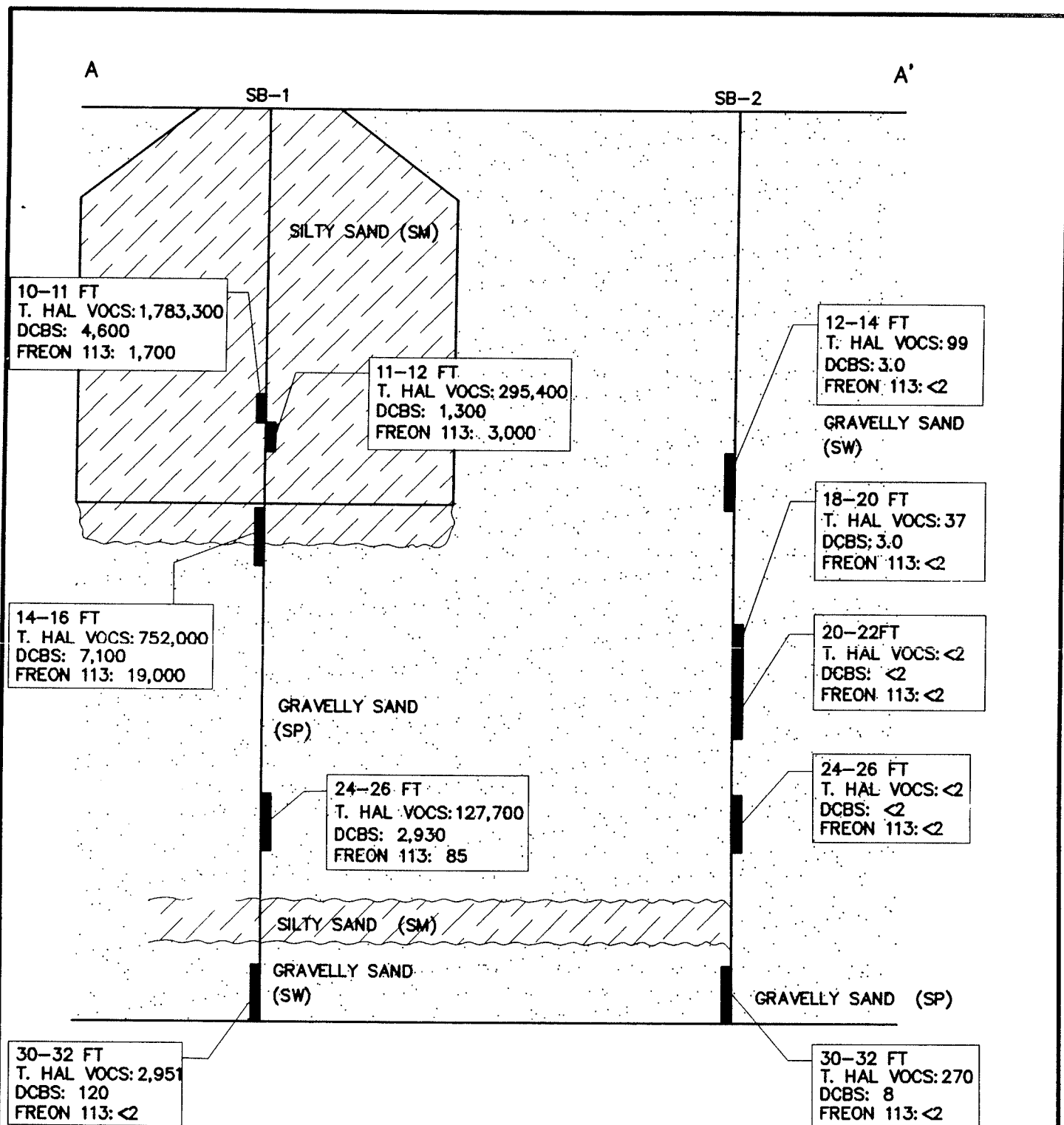


FIGURE 8
LOCKHEED MARTIN
CROSS SECTION AA'

HORIZONTAL SCALE: 1"=30'
VERTICAL SCALE: 1"=50'

NOTES:

T. HAL VOCS: HALOGENATED VOCS
DCBS: DICHLOROBENZENES
ALL CONCENTRATIONS IN UG/KG

M:\CADD\LORL\9606\CV_SECT 11-18-96 11:40:03 am

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MELVILLE, N.Y. TOTOWA, N.J.

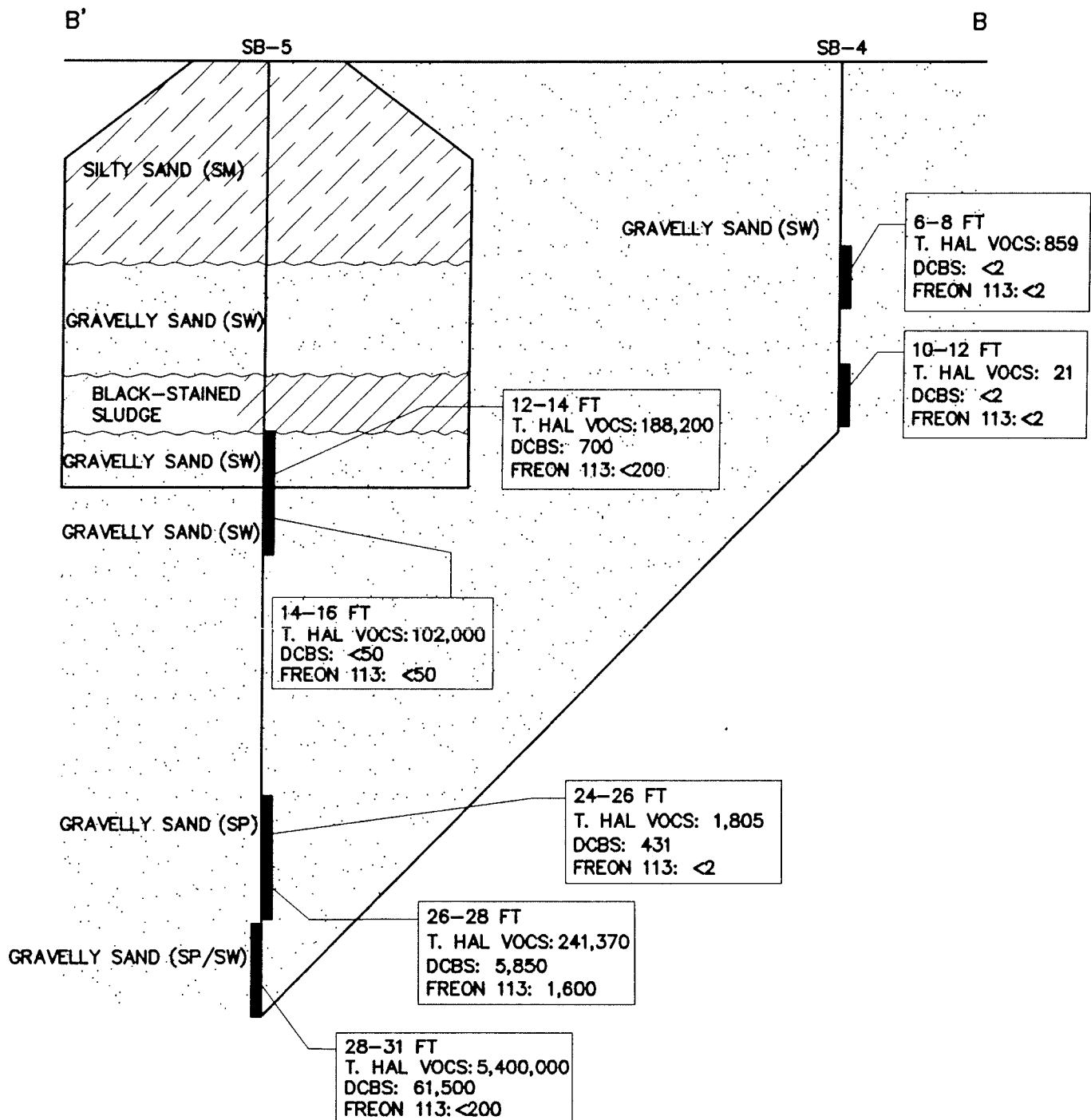


FIGURE 9
LOCKHEED MARTIN
CROSS SECTION BB'

HORIZONTAL SCALE: 1"=30'
VERTICAL SCALE: 1"=50'

NOTES:

T. HAL VOCS: HALOGENATED VOCS
DCBS: DICHLOROBENZENES
ALL CONCENTRATIONS IN UG/KG

M: \CADD\LORL\9606\CV_SECT2 11-18-96 11:41:51 am

H2MGROUP

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MELVILLE, N.Y. TOTOWA, N.J.

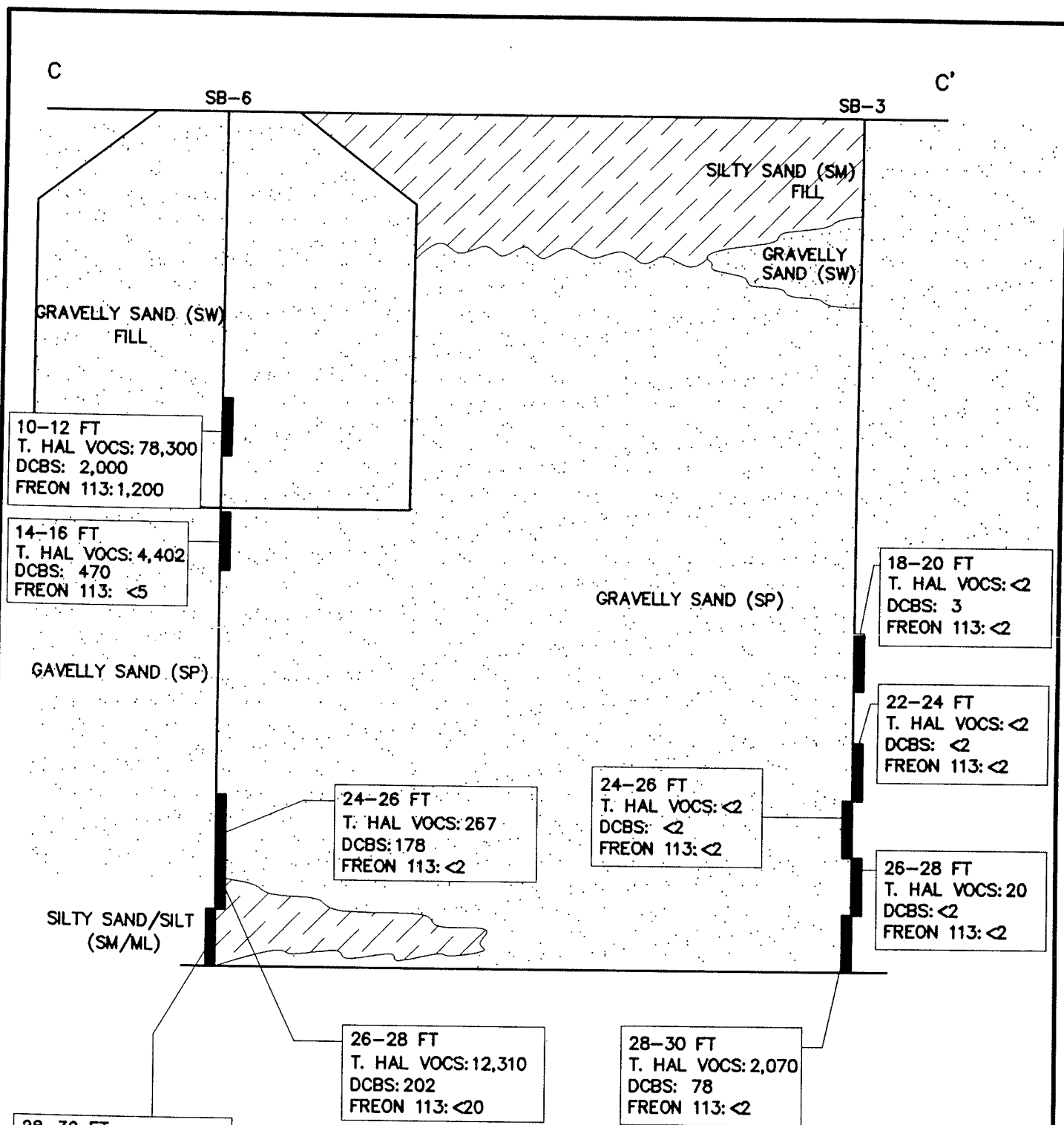


FIGURE 10
LOCKHEED MARTIN
CROSS SECTION CC'

HORIZONTAL SCALE: 1"=30'
VERTICAL SCALE: 1"=50'

NOTES:

T. HAL VOCs: HALOGENATED VOCs
DCBS: DICHLOROBENZENES
ALL CONCENTRATIONS IN UG/KG

M: \CADD\LORL\9606\CV_SECT3 111896

H2MGROUP

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MELVILLE, N.Y. TOTOWA, N.J.

TABLES

Table 1

Soil Quality Summary - VOCs and TOC

Lockheed Martin

Great Neck, NY

Compound	Background	Soil Gas Grid #3 sample 14	Soil Gas Grid #4 sample 20	Dry Well	Reclamation Room	Reclamation Room duplicate	Trip Blank water	Field Blank
Milligrams per Kilogram (mg/Kg)								
Total Organic Carbon (TOC)	48,300	NA	34,300	12,400	NA	NA	NA	NA
Micrograms per Kilogram (ug/Kg)								
Acetone	6J	ND	3J	ND	ND	ND	ND	6J
1,2 - Dichloroethene (total)	ND	ND	ND	ND	ND	ND	ND	ND
2 - Butanone	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1 - Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	22	26JD	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	530E	770D	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ND	ND	ND	ND	4J	ND	ND	ND

ND Not detected

NA Not analyzed

J Value is estimated - compound either detected below the practical quantitation limit.

B Compound detected in either the field blank, trip blank and/or laboratory blank

E Compound concentration exceeded the calibration range of the GC/MS.

D Compound indentified in an analysis at a secondary dilution factor.

Table 2

Soil Quality Summary - Semivolatile Organics

Lockheed Martin

Great Neck, NY

Compound	Background	Soil Gas Grid 3 Sample #14	Soil Gas Grid 4 Sample #20
	Micrograms per Kilogram (ug/Kg)		
Phenol	ND	ND	ND
1,3 - Dichlorobenzene	ND	ND	ND
1,4 - Dichlorobenzene	ND	ND	ND
1,2 - Dichlorobenzene	ND	ND	ND
4 - Methylphenol	ND	ND	ND
2,4 - Dimethylphenol	ND	ND	ND
1,2,4 - Trichlorobenzene	ND	ND	ND
Napthalene	ND	ND	ND
2 - Methylnapthalene	ND	ND	27J
Acenaphthylene	ND	ND	35J
Acenaphthene	ND	38J	26J
Dibenzofuran	ND	ND	ND
Fluorene	ND	ND	ND
Phenanthrene	340J	300J	580
Anthracene	23J	42J	58J
Carbazole	20J	43J	32J
Di-n-butylphthalate	18J	200J	17J
Fluoranthene	420	340J	940
Pyrene	520	390	1100
Benzo(a)anthracene	190J	170J	460
Chrysene	340J	200J	670
bis(2-ethylhexy)phthalate	53J	34J	34J
Benzo(b)fluoranthene	260J	140J	510
Benzo(k)fluoranthene	200J	200J	530
Benzo(a)pyrene	96J	110J	340J
Indeno(1,2,3-cd)pyrene	110J	110J	290J
Dibenz(a,h)anthracene	74J	60J	140J
Benzo(g,h,i)perylene	20J	21J	51J

ND Not detected

J Value is estimated - compound either detected below the practical quantitation limit.

Table 3**Soil Quality Summary - Pesticides/PCBs**

Lockheed Martin
Great Neck, NY

Compound	Background	Soil Gas Grid 3 Sample #14	Soil Gas Grid 4 Sample #20
	Micrograms per Kilogram (ug/Kg)		
gamma - BHC	ND	ND	ND
Heptachlor	ND	ND	ND
Aldrin	ND	ND	ND
4,4' - DDE	19P	23	9.2J
Endrin	ND	14P	ND
Endosulfan II	ND	8.6	ND
4,4' - DDD	ND	6.0JP	8.2JP
Endosulfan Sulfate	ND	ND	ND
4,4' - DDT	140	20P	43
Endrin Ketone	ND	11	ND
Endrin Aldehyde	ND	14P	ND
alpha - Chlordane	ND	8.8P	ND
gamma - Chlordane	ND	3.6JP	ND
Arochlor - 1016	ND	ND	ND
Arochlor - 1232	ND	ND	ND
Arochlor - 1242	ND	ND	ND
Arochlor - 1248	ND	ND	ND
Arochlor - 1254	ND	600	ND
Arochlor - 1260	ND	250	ND

ND Not detected

J Value is estimated - compound either detected below the practical quantitation limit.

P The difference in value between two columns is greater than 25%.

Table 4

Soil Quality Summary - Inorganics

Lockheed Martin
Great Neck, NY

Compound	Background	Soil Gas Grid 3 Sample #14	Soil Gas Grid 4 Sample #20
	Miligrams per Kilogram (mg/Kg)		
Aluminum	21,100	15,900	15,800
Antimony	0.83JB	0.78JB	0.88JB
Arsenic	8.8	24.9	7.2
Barium	63.9	69.9	73.5
Beryllium	0.77B	0.66B	0.62B
Cadmium	ND	0.07B	ND
Calcium	316B	9440	1060
Chromium	23.9	20.4	24.6
Cobalt	7B	6.7B	7.2B
Copper	37.2	217	47.8
Iron	25,000	22,900	20,300
Lead	82.3	69.9	86.1
Magnesium	2290	6,300	2160
Manganese	379	594	683
Mercury	0.06B	0.26	0.09B
Nickel	28.5	18.1	19
Potassium	486B	657B	846B
Selenium	0.83B	1.1	0.68B
Silver	ND	ND	ND
Sodium	ND	ND	203B
Thallium	1.1B	0.84B	ND
Vanadium	50.9	29.3	39.3
Zinc	55.7	109	60.7
Cyanide	ND	ND	ND

ND Not detected

B Compound detected below method reporting limit and above IDL.

Table 4A
Lockheed Martin Tactical Defense Systems
Historic Groundwater Quality
VOC Analytical Results

WELL (ug/l)	DATE	TOTAL VOCS	1,1-DCE	1,2-DCE	TCE	PCE	1,1,1-TCA	OTHER
1GU	8/17/88	3770	--	3400	210	160	--	--
	7/11/89	4780	--	4400	210	170	--	--
	9/10/90	232	--	190	23	19	--	--
	10/13/91	30	--	21	4J	--	5	--
	9/4/92	35	2	2	16	13	2	--
	4/16/93	53	--	30	14	7J	1J	0.6
	11/11/93	111	--	32	75	4J	--	--
	4/20/94	13	--	9	3	1	--	--
	11/1/94	131	2J	69	35	23	2J	--
	3/6/95	77	1	42	22	12	--	--
	4/23/96	102	1	63	22	16	--	--
	10/18/96	106	1	64	26	13	1	1
1GL	8/17/88	6347	--	5100	610	590	--	47
	7/11/89	2530	--	2200	150	180	--	--
	9/10/90	7750	--	6600	490	660	--	--
	10/31/91	126	--	84	23	19	--	--
	9/4/92	48	--	1	29	18	--	--
	4/16/93	130	1J	78	34	17	--	--
	11/11/93	130	--	87	26	17	--	--
	4/20/94	616	--	490	59	67	--	--
	11/1/94	2560	--	2100	130J	330	--	--
	3/6/95	243	--	170	36	37	--	--
	4/18/96	143	4	73	29	36	1	--
	10/18/96	98	2	51	26	18	1	--
1MI	7/11/89	966	--	680	190	96	--	--
	9/10/90	917	--	700	120	94	--	3
	10/31/91	3430	--	2800	260	370	--	--
	9/4/92	528	18	10	140	360	--	--
	4/16/93	2280	--	1700	200	380	--	--
	11/11/93	2040	--	1600	160	280	--	--
	4/20/94	1190	--	880	130	180	--	--
	11/1/94	1560	--	1200	160	200	--	--
	3/6/95	2810	--	2200	240	370	--	--
	4/18/96	2410	--	1900	180	330	--	--
	10/18/96	3537	3	2508	370	640	1	15
1MI/L	7/18/89	1007	--	710	240	57	--	--
	9/10/90	964	--	510	370	84	--	--
	10/31/91	387	--	160	190	37	--	--
	9/4/92	523	23	10	220	270	--	--
	4/16/93	4620	--	3700	350	570	--	--
	11/11/93	11940	--	9400	480J	1800	--	260
	4/20/94	840	--	580	160	100	--	--
	11/1/94	733	--	450	190	93	--	--
	3/7/95	580	--	290	220	70	--	--
	4/18/96	655	--	390	170	95	--	--
	10/18/96	785	--	484	220	79	--	2

Table 4A
Lockheed Martin Tactical Defense Systems
Historic Groundwater Quality
VOC Analytical Results

WELL (ug/l)	DATE	TOTAL VOCs	1,1-DCE	1,2-DCE	TCE	PCE	1,1,1-TCA	OTHER
1ML	9/10/90	29	--	--	17	11	--	0.6
	10/31/91	49	--	19	10	17	--	3
	9/4/92	33	--	--	17	16	--	--
	4/16/93	36	--	15	13	8J	--	--
	11/11/93	49	--	23	16	10	--	--
	4/20/94	30	--	12	13	5	--	--
	11/1/94	52	--	29	13	10	--	--
	3/7/95	73	--	40	17	16	--	--
	4/18/96	91	--	61	18	12	--	--
	10/18/96	136	--	92	30	14	--	--
2GL	8/17/88	821	--	620	91	83	--	27
	7/11/89	1290	--	1000	170	120	--	--
	9/10/90	1590	--	1200	230	160	--	--
	10/31/91	1260	--	980	170	110	--	--
	9/4/92	390	14	6	180	190	--	--
	4/15/93	470	--	340	75	55	--	--
	11/11/93	353	21	210	45	74	2	0.8
	4/21/94	409	8	280	52	52	--	17
	11/1/94	281	--	210	33	38	--	--
	3/10/95	304	--	250	28	26	--	--
	4/17/96	77	--	48	13	16	--	--
	10/17/96	46	--	34	6	6	--	--
2MI	7/11/89	178	--	89	70	19	--	--
	9/10/90	212	--	120	56	34	1	1
	10/22/91	950	--	670	180	100	--	--
	9/4/92	247	17	6	54	170	--	--
	4/15/93	1020	--	720	180	120	--	--
	11/11/93	739	--	530	110	99	--	--
	4/21/94	967	17	680	160	110	--	--
	11/1/94	1040	--	760	140	140	--	--
	3/10/95	940	--	700	130	110	--	--
	4/17/96	215	--	170	24	21	--	--
	10/17/96	301	1	221	48	31	--	--
2MU	10/22/91	969	--	670	170	120	--	9
	4/15/93	1300	--	1000	180	120	--	--
	11/11/93	1210	--	900	160	150	--	--
	4/21/94	978	--	720	140	100	--	18
	11/1/94	1270	--	920	170	180	--	--
	3/9/95	1170	--	890	150	130	--	--
	4/17/96	747	--	550	87	110	--	--
	10/17/96	592	--	461	69	60	--	2
2ML	11/1/94	27	--	19	4	4	--	--
	3/9/95	12	--	9	2	1	--	--
	4/17/96	0	--	--	--	--	--	--
	10/17/96	3	--	2	--	--	--	1

Table 4A
Lockheed Martin Tactical Defense Systems
Historic Groundwater Quality
VOC Analytical Results

WELL (ug/l)	DATE	TOTAL VOCS	1,1-DCE	1,2-DCE	TCE	PCE	1,1,1-TCA	OTHER
3GL	8/17/88	1139	--	830	180	120	--	9
	7/11/89	1710	--	1400	170	140	--	--
	9/10/90	2450	--	1900	280	270	--	--
	10/31/91	1110	--	820	180	110	--	--
	9/4/92	421	15	6	200	200	--	--
	4/20/93	1192	--	820	210	160	--	2
	11/11/93	1180	--	900	130	150	--	--
	4/19/94	922	13	660	150	99	--	--
	11/1/94	1090	--	770	160	160	--	--
	3/9/95	856	--	640	120	96	--	--
	4/17/96	742	--	560	85	96	--	1
	10/17/96	395	--	311	47	36	--	1
3ML	11/1/94	109	--	19	16	3	--	71
	3/9/95	44	--	19	19	6	--	--
	4/17/96	16	--	10	3	3	--	--
	10/16/96	31	--	18	11	2	--	--
4GL	8/17/88	207	--	120	56	21	--	10
	7/11/89	175	--	99	56	20	--	--
	9/10/90	315	--	210	71	34	--	--
	10/31/91	475	--	320	91	58	--	5.9
	9/4/92	234	3	5	130	96	--	--
	4/20/93	547	--	360	120	67	--	--
	11/11/93	575	--	420	89	66	--	--
	4/19/94	490	--	350	93	47	--	--
	11/1/94	618	--	450	100	68	--	--
	4/15/96	691	--	510	98	78	--	5
	10/16/96	779	--	582	100	96	--	1
4MI	7/11/89	1060	--	780	180	100	--	--
	9/10/90	1220	--	820	210	190	--	--
	10/31/91	471	--	440	31	--	--	--
	9/4/92	216	--	10	46	160	--	--
	4/20/93	1190	--	850	210	130	--	--
	11/11/93	565	--	440	74	51	--	--
	4/19/94	433	--	330	61	42	--	--
	11/1/94	729	--	530	100	99	--	--
	4/17/96	837	--	620	87	130	--	--
	10/16/96	592	1	442	91	53	--	5
5GU	11/1/94	265	--	180	43	42	--	--
	3/9/95	226	--	140	30	20	--	36
	4/15/96	192	--	150	22	20	--	--
	10/15/96	217	--	170	27	20	--	--
5GL	7/11/89	0	--	--	--	--	--	--
	9/10/90	44	--	30	9J	5	--	--
	10/22/91	34	--	23	7	4	--	--
	9/4/92	22	2	2	7	11	--	--
	4/21/93	146	--	95	32	19	--	--
	11/11/93	1462	--	1401	33	28	--	--
	4/20/94	203	7	150	27	19	--	--
	11/1/94	116	--	81	18	17	--	--
	3/10/95	128	--	84	18	17	--	9
	4/15/96	66	--	41	8	8	--	9
	10/15/96	13	--	7	2	3	--	1

Table 4A
Lockheed Martin Tactical Defense Systems
Historic Groundwater Quality
VOC Analytical Results

WELL (ug/l)	DATE	TOTAL VOCs	1,1-DCE	1,2-DCE	TCE	PCE	1,1,1-TCA	OTHER
5MI	7/11/89	384	--	110	59	12	--	203
	9/10/90	97	--	69	17	9	--	2
	10/22/91	440	--	300	89	49	--	2
	9/4/92	103	--	--	65	38	--	--
	4/21/93	183	1	120	41	21	--	--
	11/11/93	356	--	260	55	41	--	--
	4/20/94	297	--	230	44	23	--	--
	11/1/94	800	--	560	140	100	--	--
	3/10/95	697	--	500	120	77	--	--
	4/15/96	788	--	580	110	97	--	1
	10/16/96	803	--	591	120	91	--	1
5ML	11/1/94	260	--	210	27	23	--	--
	3/10/95	447	--	340	59	48	--	--
	4/17/96	663	--	480	83	100	--	--
	10/16/96	708	--	540	92	76	--	--
6GL	7/11/89	0	--	--	--	--	--	--
	10/22/91	20	--	15	3	2	--	--
	9/4/92	5	--	1	2	2	--	--
	4/14/93	11	--	11	--	--	--	--
	11/11/93	8	--	5	1	2	--	--
	4/21/94	2	--	2	--	--	--	--
	11/1/94	97	--	63	15	12	--	7
	3/9/95	3	--	2	0.5	0.6	--	--
	4/12/96	0	--	--	--	--	--	--
	10/10/96	2	--	--	--	1	--	1
6MI	10/22/91	810	--	600	100	110	--	--
	9/4/92	8	--	--	4	4	--	--
	4/14/93	169	1J	110	26	31	--	.5J
	11/11/93	41	--	30	5J	6J	--	--
	4/21/94	219	4	150	29	33	--	3
	11/1/94	20	--	15	3J	2J	--	--
	3/9/95	15	--	12	2	1	--	--
	4/12/96	0	--	--	--	--	--	--
	10/10/96	7	--	6	1	--	--	--
7GL	7/11/93	229	--	140	66	23	--	--
	9/10/90	356	--	220	93	43	--	--
	10/22/91	327	--	230	63	32	--	2
	9/4/92	255	--	5	150	100	--	--
	4/20/93	922	--	600	200	120	--	2
	11/11/93	584	--	440	86	58	--	--
	4/19/94	307	2	160	56	25	--	64
	11/1/94	207	--	140	41	26	--	--
	3/8/95	527	--	380	87	60	--	--
	4/12/96	0	--	--	--	--	--	--
	10/11/96	512	1	430	38	41	--	2
7ML	11/1/94	463	--	320	94	46	3	--
	4/15/96	793	--	521	160	110	--	2
	10/11/96	1203	1	1002	110	86	--	4

Table 4A
Lockheed Martin Tactical Defense Systems
Historic Groundwater Quality
VOC Analytical Results

WELL (ug/l)	DATE	TOTAL VOCs	1,1-DCE	1,2-DCE	TCE	PCE	1,1,1-TCA	OTHER
8GU	7/11/89	96	--	55	26	15	--	--
	9/10/90	159	--	72J	46	37	4	--
	10/22/91	121	--	50	39	29	3	--
	9/4/92	41	1	1	9	30	--	--
	4/15/93	121	2	57	32	30	--	--
	11/11/93	98	3	39	28	25	3	--
	4/19/94	104	4	42	32	20	2	4
	11/1/94	69	2	30	19	16	2	--
	3/6/95	53	2	18	15	13	1	4
	4/12/96	38	1	15	12	9	1	--
	10/9/96	31	1	13	8	8	1	--
8GL	7/11/89	1320	--	910	250	160	--	--
	9/10/90	495	--	270	150	75	--	--
	10/22/91	584	--	350	140	94	--	--
	9/4/92	177	13	3	88	72	1	--
	4/15/93	180	3J	94	44	36	2	0.9
	11/11/93	160	3J	61	39	32	25	--
	4/19/94	114	5	51	34	19	1	4
	11/1/94	132	2J	62	40	28	--	--
	3/6/95	122	3	55	37	27	--	--
	4/12/96	171	1	92	51	27	--	--
	10/9/96	200	4	120	53	23	--	--
8ML	11/1/94	84	2	32	27	19	4	--
	3/7/95	56	--	25	16	11	--	4
	4/12/96	100	2	42	32	23	1	--
	10/9/96	141	3	76	37	24	1	--
9GL	7/11/89	162	--	85	46	29	2	--
	9/10/90	186	--	100	46	38	1	0.7
	10/31/91	169	--	82	51	36	--	--
	9/4/92	84	4	2	41	34	3	--
	4/15/93	100	2	41	30	24	2	0.7
	11/11/93	52	--	27	15	10	--	--
	4/19/94	116	5	45	36	23	2	5
	11/1/94	93	2J	41	28	21	1	--
	3/9/95	97	--	46	29	22	--	--
	4/12/96	82	3	35	25	18	1	--
	10/9/96	129	3	62	37	26	1	--
10GL	7/11/89	348	--	86	42	220	--	--
	9/10/90	178	--	85	49	41	3	--
	10/22/91	366	--	110	44	210	2	--
	9/4/92	388	--	--	49	280	--	59
	4/15/93	366	--	100	46	220	--	--
	11/11/93	156	2J	47	34	73	--	--
	4/21/94	88	3	34	27	17	2	5
	11/1/94	89	2J	37	27	23	2	--
	3/10/95	95	2	40	22	31	--	--
	4/12/96	71	2	31	21	16	1	--
	10/9/96	13	--	6	4	3	--	--

Table 4A
Lockheed Martin Tactical Defense Systems
Historic Groundwater Quality
VOC Analytical Results

WELL (ug/l)	DATE	TOTAL VOCS	1,1-DCE	1,2-DCE	TCE	PCE	1,1,1-TCA	OTHER
11GL	7/11/89	374	--	260	57	57	--	--
	9/10/90	2490	--	1800	170	520	--	--
	10/31/91	3104	--	2300	210	510	--	84
	9/4/92	345	24	11	50	260	--	--
	4/14/93	1160	--	940	100	120	--	--
	11/11/93	1160	--	830	150	180	--	--
	4/21/94	849	69	520	110	150	--	--
	11/1/94	930	--	670	100	160	--	--
	3/9/95	1330	--	980	160	190	--	--
	4/18/96	1370	--	1000	130	240	--	--
	10/17/96	1350	--	1004	150	190	--	6
11MI	7/11/89	888	--	660	150	78	--	--
	9/10/90	1080	--	810	170	100	--	--
	10/31/91	724	--	490	120	110	--	--
	9/4/92	287	12	4	120	130	14	4
	4/14/93	290	2	190	50	46	1	7
	11/11/93	515	--	400	58	57	--	1
	4/21/94	552	--	430	65	57	--	--
	11/1/94	22	--	22	2J	2J	--	--
	3/10/95	208	--	180	14	14	--	--
	4/18/96	74	--	73	1	--	--	--
	10/17/96	61	--	59	1	1	--	--
12MI	7/11/89	162	--	82	49	31	--	--
	9/10/90	273	--	170	54	44	2	3
	10/22/91	468	--	320	75	73	--	--
	9/4/92	84	5	2	17	54	6	--
	4/20/93	157	3	76	43	31	3	0.8
	11/11/93	143	1	53	37	52	--	--
	4/20/94	134	5	53	40	28	2	6
	11/1/94	163	--	83	34	44	2	--
	3/8/95	137	2	60	35	30	--	10
	4/12/96	594	1	420	90	82	--	1
	10/10/96	723	4	541	95	80	1	2
12ML	9/10/90	68	--	51	5	11	--	0.6
	10/22/91	58	--	41	5	12	--	--
	9/4/92	110	4	2	29	75	--	--
	4/20/93	409	--	320	27	62	--	--
	11/11/93	44	--	34	4	6	--	--
	4/20/94	56	--	46	4	6	--	--
	11/1/94	270	--	230	14	26	--	--
	3/8/95	103	--	81	10	12	--	--
	4/12/96	56	--	42	10	4	--	--
	10/10/96	161	--	130	22	9	--	--
13ML	8/16/96	0	--	--	--	--	--	--
	10/14/96	0	--	--	--	--	--	--
14MI	8/16/96	5	--	4	1	--	--	--
	10/14/96	17	--	12	4	1	--	--
15GL	11/1/94	1110	--	810	160	140	--	--
	3/2/95	1320	--	990	170	160	--	--
	4/17/96	96	--	70	12	14	--	--
	10/21/96	78	--	57	11	10	--	--

Table 4A
Lockheed Martin Tactical Defense Systems
Historic Groundwater Quality
VOC Analytical Results

WELL (ug/l)	DATE	TOTAL VOCs	1,1-DCE	1,2-DCE	TCE	PCE	1,1,1-TCA	OTHER
15ML	11/1/94	41	--	26	8	7	--	--
	3/1/95	62	--	39	12	10	--	1.3
	4/17/96	71	--	49	10	11	--	1.3
	10/21/96	49	--	34	8	6	--	1
16GL	8/22/96	0	--	--	--	--	--	--
	10/14/96	0	--	--	--	--	--	--
16ML	8/22/96	182	--	120	44	18	--	--
	10/14/96	142	--	86	43	11	--	2
17GL	11/1/94	1350	--	1000	240	110	--	--
	3/2/95	2940	--	2300	410	230	--	--
	4/18/96	5910	--	5000	460	450	--	--
	10/21/96	7503	3	6313	590	570	--	27
17ML	11/1/94	20	--	11	6	3	--	--
	3/3/95	71	--	49	15	7	--	--
	4/18/96	38	--	24	9	5	--	--
	10/21/96	113	--	93	12	8	--	--
18GL	11/1/94	336	--	230	64	36	--	6
	3/2/95	534	--	370	100	64	--	--
	4/15/96	712	--	510	110	86	--	6
	10/14/96	701	--	540	100	56	--	5
18ML	11/1/94	428	--	260	120	48	--	--
	3/2/95	656	--	370	200	86	--	--
	4/15/96	668	--	380	190	93	--	5
	10/14/96	421	--	300	91	28	--	2
19GU	4/21/93	468	--	320	98	48	--	2
	11/11/93	7	--	5	1	1	--	--
	4/19/94	29	1	20	5	3	--	--
	11/1/94	0	--	4	3	2	--	--
	3/9/95	140	--	96	18	16	--	10
	4/15/96	66	--	44	10	12	--	--
	10/15/96	16	--	10	3	3	--	--
19MI	4/21/93	763	89	320	200	56	--	98
	11/11/93	765	--	510	160	95	--	--
	4/19/94	514	--	370	100	44	--	--
	11/1/94	675	--	490	110	75	--	--
	3/9/95	711	--	500	120	91	--	--
	4/15/96	993	--	671	160	160	--	2
	10/15/96	1746	--	1304	260	180	--	2
21GU	11/11/93	5	--	3	1	1	--	--
	11/1/94	6	1	3	2	--	--	--
	4/21/94	7	--	4	2	1	--	--
	11/1/94	7	--	4	2	1	--	--
	3/10/95	5	--	1	1	0.5	--	2
	4/17/96	0	--	--	--	--	--	--
	10/21/96	4	--	1	1	1	--	1
22GL	11/1/94	544	--	460	47	37	--	--
	3/6/95	522	--	420	47	26	--	29
	4/15/96	448	--	380	39	29	--	--
	10/15/96	399	--	350	31	18	--	--
22ML	4/14/93	569	--	260	240	67	--	2
	3/3/95	559	--	240	270	49	--	--
	4/15/96	627	--	300	270	57	--	--
	10/15/96	838	--	392	390	56	--	--

Table 4A
Lockheed Martin Tactical Defense Systems
Historic Groundwater Quality
VOC Analytical Results

WELL (ug/l)	DATE	TOTAL VOCS	1,1-DCE	1,2-DCE	TCE	PCE	1,1,1-TCA	OTHER
23GL	4/14/93	205	--	140	46	19	--	--
	3/8/95	291	--	190	52	29	--	20
	4/23/96	484	--	340	66	74	--	4
	10/15/96	1049	--	891	96	62	--	--
23MI	4/14/93	17	--	15	1.1	0.8	--	--
	3/8/95	154	--	110	17	22	--	5
	4/23/96	189	--	120	14	25	--	30
	10/15/96	254	--	210	27	17	--	--
24GL	4/14/93	3070	--	2400	320	350	--	--
	3/8/95	2800	--	2200	290	310	--	--
	4/24/96	1440	--	1200	110	130	--	--
	10/15/96	3474	7	2913	290	250	--	14
24MI	4/14/93	192	--	140	34	18	--	--
	3/8/95	536	--	420	52	64	--	--
	4/24/96	443	--	340	53	43	--	7
	10/15/96	1372	2	1202	98	70	--	--
25GL	11/1/94	482	--	39	300	--	120	23
	3/6/95	337	--	97	110	21	93	16
	4/23/96	44	--	19	10	9	--	6
	10/11/96	286	1	260	10	15	--	--
25MI	4/14/93	3620	--	3300	--	320	--	--
	3/6/95	6020	--	5400	--	620	--	--
	4/23/96	5530	--	5000	120	410	--	--
	10/11/96	3100	11	2805	61	210	--	13
26GL	11/1/94	95	--	55	25	15	--	--
	3/6/95	108	--	45	32	23	--	8
	4/22/96	54	--	25	12	9	--	8
	10/11/96	41	1	28	7	5	--	--
26MI	4/14/93	183	--	134	16	24	--	8.7
	3/6/95	125	3	49	35	28	--	10
	4/22/96	62	--	35	9	18	--	--
	10/11/96	572	2	350	21	190	--	9
27GL	4/14/93	87	--	39	23	17	0.8	7.5
	3/6/95	93	2	39	28	18	--	6
	4/22/96	42	--	26	8	8	--	--
	10/11/96	61	2	35	10	13	--	1
27MI	4/14/93	96	--	54	16	22	--	4.1
	3/6/95	70	--	35	16	19	--	--
	4/22/96	74	--	36	15	23	--	--
	10/11/96	69	2	34	13	19	--	1
28GL	4/14/93	11000	--	11000	--	--	--	--
	3/8/95	5100	--	5100	--	--	--	--
	4/23/96	1304	--	980	39	75	--	210
	10/15/96	1657	--	1300	62	24	--	271
28MI	4/14/93	3245	--	3100	--	68	--	77
	3/8/95	5170	--	4300	--	870	--	--
	4/23/96	3190	--	2700	130	360	--	--
	10/15/96	3302	12	2606	200	410	--	74
29GL	4/14/93	4940	--	4700	--	240	--	--
	3/7/95	472	--	390	53	29	--	--
	4/24/96	777	--	630	59	88	--	--
	10/16/96	9000	3	4305	4300	380	--	12

Table 4A
Lockheed Martin Tactical Defense Systems
Historic Groundwater Quality
VOC Analytical Results

WELL (ug/l)	DATE	TOTAL VOCS	1,1-DCE	1,2-DCE	TCE	PCE	1,1,1-TCA	OTHER
29MI	11/1/94	344	--	260	42	25	--	17
	3/7/95	7180	--	6500	340	340	--	--
	4/24/96	520	--	420	41	59	--	--
	10/16/96	869	--	652	130	84	--	3

NOTE: Acetone, benzene, toluene, and methylene chloride were detected in the laboratory method blanks during the April 1993 sampling event. Therefore, detections of these compounds in the monitor wells have been rejected.

J = Parameter was determined to be present below the method detection limit. The concentration is an estimated value.

-- = Not detected.

1,2-DCE = Total Dichloroethene (Cis and Trans Isomers), TCE = Trichloroethene, PCE = Tetrachloroethene, TCA = Trichloroethane.

All Results are in ug/l.

Table 4B
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N3905
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	1/24/89		2/27/89		3/1/89		7/18/89		9/26/89		2/26/91		3/28/91		5/23/91	
	Raw		Raw		Raw		Raw		Raw		Raw		Raw		Raw	Treated
Micrograms per Liter																
Cis-1,2-Dichloroethene	<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		8.00	<1.00
Trans-1,2-Dichloroethene	<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<1.00	<1.00
Tetrachloroethene	2.00		2.00		1.00		<0.50		<0.50		<0.50		<0.50		2.00	<1.00
Trichloroethene	<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		4.00	<1.00

Table 4B (Cont.)
 Lockheed Martin Tactical Defense Systems
 Manhasset - Lakeville Water District Well No. N3905
 Historic Selected VOCs in Groundwater

Date Sampled Sample Type	5/24/91		7/24/91		8/20/91		9/23/91		10/18/91		10/22/91		11/22/91	
	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter														
Cis-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.10	<0.50	<0.50	<0.50	4.60	<0.50	<0.50	<0.50
Trans-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.80	<0.50	<0.50	<0.50	2.40	<0.50	<0.50	<0.50
Trichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.80	<0.50	<0.50	<0.50	5.30	<0.50	<0.50	<0.50

Table 4B (Cont.)
 Lockheed Martin Tactical Defense Systems
 Manhasset - Lakeville Water District Well No. N3905
 Historic Selected VOCs in Groundwater

Date Sampled Sample Type	12/10/91		1/14/92		2/11/92		3/10/92		4/14/92	
	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter										
Cis-1,2-Dichloroethene	<0.50	<0.50	8.60	<0.50	5.30	<0.50	4.80	<0.50	0.90	<0.50
Trans-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	4.50	<0.50	4.50	<0.50	3.20	<0.50	2.80	<0.50	1.00	<0.50
Trichloroethene	10.30	<0.50	9.30	<0.50	5.50	<0.50	6.00	<0.50	1.50	<0.50

Table 4B (Cont.)
 Lockheed Martin Tactical Defense Systems
 Manhasset - Lakeville Water District Well No. N3905
 Historic Selected VOCs in Groundwater

Date Sampled Sample Type	5/12/92		6/10/92		7/21/92		8/18/92		8/20/92		8/20/92		3/11/93	
	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter														
Cis-1,2-Dichloroethene	19.00	<0.50	29.00	<0.50	96.00	1.20	87.00		86.00		<0.50		100.00	<0.50
Trans-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		<0.50		<0.50		<0.50	<0.50
Tetrachloroethene	8.10	<0.50	8.00	<0.50	23.00	<0.50	15.00		19.00		<0.50		20.00	<0.50
Trichloroethene	16.00	<0.50	20.00	<0.50	42.00	<0.50	30.00		34.00		<0.50		29.00	<0.50

Table 4B (Cont.)
 Lockheed Martin Tactical Defense Systems
 Manhasset - Lakeville Water District Well No. N3905
 Historic Selected VOCs in Groundwater

Date Sampled Sample Type	4/13/93		5/18/93		6/23/93		7/22/93		8/17/93	
	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter										
Cis-1,2-Dichloroethene	460.00	0.80	6.60	<0.50	470.00	<0.50	820.00	0.80	1300.00	2.20
Trans-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	1.40	<0.50	1.00	<0.50	<5.00	<0.50
Tetrachloroethene	84.00	<0.50	2.30	<0.50	74.00	<0.50	110.00	<0.50	190.00	<0.50
Trichloroethene	93.00	<0.50	3.70	<0.50	87.00	<0.50	130.00	<0.50	190.00	<0.50

Table 4C (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N4243
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	8/29/95		11/16/95	
	Raw	Treated	Raw	Treated
Micrograms per Liter				
Cis-1,2-Dichloroethene	110.00	<0.50	41.00	<0.50
Trans-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	28.00	<0.50	16.00	<0.50
Trichloroethene	61.00	<0.50	31.00	<0.50

Table 4C (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N4243
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	10/25/94		11/22/94	12/13/94		1/17/95		6/6/95		7/25/95	
	Raw	Treated	Raw	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter											
Cis-1,2-Dichloroethene	140.00	<0.50	90.00	680.00	1.80	490.00	<0.50	31.00	<0.50	370.00	1.00
Trans-1,2-Dichloroethene	0.50	<0.50	0.50	1.00	<0.50	0.80	<0.50	<0.50	<0.50	0.70	<0.50
Tetrachloroethene	30.00	<0.50	25.00	120.00	<0.50	72.00	<0.50	14.00	<0.50	67.00	<0.50
Trichloroethene	63.00	<0.50	57.00	110.00	<0.50	84.00	<0.50	32.00	<0.50	89.00	<0.50

Table 4C (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N4243
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	4/5/94		5/24/94	6/21/94	7/7/94		8/24/94		9/27/94	
	Raw	Treated	Raw	Raw	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter										
Cis-1,2-Dichloroethene	890.00	<0.50	610.00	67.00	510.00	1.30	150.00	<0.50	690.00	<0.50
Trans-1,2-Dichloroethene	1.70	<0.50	2.30	<0.50	0.70	<0.50	0.50	<0.50	1.20	<0.50
Tetrachloroethene	190.00	<0.50	120.00	18.00	96.00	<0.50	31.00	<0.50	110.00	<0.50
Trichloroethene	150.00	<0.50	110.00	57.00	110.00	<0.50	60.00	<0.50	120.00	<0.50

Table 4C (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N4243
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	11/10/93		12/7/93		1/21/94		2/17/94		3/31/94	
	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter										
Cis-1,2-Dichloroethene	99.00	<0.50	790.00	<0.50	1100.00	<0.50	570.00	<0.50	640.00	1.20
Trans-1,2-Dichloroethene	0.60	<0.50	<5.00	<0.50	2.60	<0.50	0.90	<0.50	1.00	<0.50
Tetrachloroethene	30.00	<0.50	160.00	<0.50	190.00	<0.50	110.00	<0.50	130.00	<0.50
Trichloroethene	58.00	<0.50	130.00	<0.50	180.00	<0.50	120.00	<0.50	160.00	<0.50

Table 4C (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N4243
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	5/18/93		6/23/93		7/22/93		8/6/93		9/15/93		10/18/93	
	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter												
Cis-1,2-Dichloroethene	1300.00	<0.50	140.00	<0.50	1200.00	3.60	780.00	0.50	570.00	<0.50	86.00	<0.50
Trans-1,2-Dichloroethene	1.00	<0.50	<0.50	<0.50	1.10	<0.50	0.70	<0.50	1.30	<0.50	<0.50	<0.50
Tetrachloroethene	170.00	<0.50	29.00	<0.50	150.00	<0.50	140.00	<0.50	110.00	<0.50	29.00	<0.50
Trichloroethene	160.00	<0.50	60.00	<0.50	160.00	<0.50	150.00	<0.50	110.00	<0.50	61.00	<0.50

Table 4C (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N4243
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	5/12/92		6/10/92		7/23/92		8/20/92		3/11/93		4/13/93	
	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter												
Cis-1,2-Dichloroethene	27.00	<0.50	110.00	<0.50	300.00	3.30	440.00	0.70	280.00	<0.50	29.00	<0.50
Trans-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	12.00	<0.50	23.00	<0.50	64.00	<0.50	70.00	<0.50	53.00	<0.50	12.00	<0.50
Trichloroethene	25.00	<0.50	40.00	<0.50	75.00	<0.50	<0.50	<0.50	67.00	<0.50	23.00	<0.50

Table 4C (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N4243
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	10/18/91	11/22/91	12/10/91		1/14/92		2/11/92		3/10/92		4/14/92	
	Raw	Raw	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter												
Cis-1,2-Dichloroethene	<0.50	<0.50	8.30	<0.50	3.50	<0.50	6.50	<0.50	4.00	<0.50	1.00	<0.50
Trans-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	<0.50	<0.50	5.70	<0.50	3.00	<0.50	4.70	<0.50	3.00	<0.50	1.00	<0.50
Trichloroethene	<0.50	<0.50	11.00	<0.50	5.70	<0.50	8.30	<0.50	6.30	<0.50	1.80	<0.50

Table 4C
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N4243
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	7/18/89	2/26/91	3/28/91		5/24/91		7/29/91		8/20/91		9/23/91	
	Raw	Raw	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter												
Cis-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.20	<0.50	5.50	<0.50
Trans-1,2-Dichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.20	<0.50	4.80	<0.50
Trichloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.70	<0.50	9.60	<0.50

Table 4B (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N3905
Historic Selected VOCs in Groundwater

Date Sampled	1/31/95		2/23/95		4/25/95		8/15/95		8/23/95			11/16/95	
	Raw	Treated	Raw	Raw	Treated	Raw	Raw	Treated	Treated	Raw	Treated		
Micrograms per Liter													
Cis-1,2-Dichloroethene	1100.00	<0.50	1100.00	430.00	1.20	1000.00	1000.00	4.00	3.00	180.00	<0.50		
Trans-1,2-Dichloroethene	1.70	<0.50	1.80	0.50	<0.50	1.50	2.00	<0.50	<0.50	<0.50	<0.50		
Tetrachloroethene	190.00	<0.50	150.00	65.00	<0.50	130.00	160.00	<0.50	<0.50	16.00	<0.50		
Trichloroethene	140.00	<0.50	140.00	62.00	<0.50	120.00	130.00	<0.50	<0.50	19.00	<0.50		

Table 4B (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N3905
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	8/24/94				9/13/94	10/18/94		11/15/94		12/27/94
	Raw	Treated	Treated	Treated	Raw	Raw	Treated	Raw	Treated	Raw
Micrograms per Liter										
Cis-1,2-Dichloroethene	1200.00	11.00	4.20	3.80	980.00	1100.00	1.10	1100.00	<0.50	380.00
Trans-1,2-Dichloroethene	1.90	<0.50	<0.50	<0.50	2.30	1.70	<0.50	1.90	<0.50	0.70
Tetrachloroethene	160.00	1.60	<0.50	<0.50	140.00	180.00	<0.50	170.00	<0.50	69.00
Trichloroethene	150.00	1.20	<0.50	<0.50	150.00	190.00	<0.50	140.00	<0.50	60.00

Table 4B (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N3905
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	2/14/94		3/28/94	4/26/94	5/17/94	6/21/94	7/7/94		7/26/94	
	Raw	Treated	Raw	Raw	Raw	Raw	Treated	Treated	Raw	Treated
Micrograms per Liter										
Cis-1,2-Dichloroethene	1000.00	<0.50	1200.00	1300.00	790.00	830.00	1000.00	7.00	2.80	1100.00 2.20
Trans-1,2-Dichloroethene	5.00	<0.50	1.40	2.20	1.60	2.70	1.40	<0.50	<0.50	1.50 <0.50
Tetrachloroethene	150.00	<0.50	190.00	160.00	86.00	120.00	160.00	<0.50	<0.50	190.00 <0.50
Trichloroethene	160.00	<0.50	170.00	150.00	130.00	120.00	150.00	0.50	<0.50	170.00 <0.50

Table 4B (Cont.)
Lockheed Martin Tactical Defense Systems
Manhasset - Lakeville Water District Well No. N3905
Historic Selected VOCs in Groundwater

Date Sampled Sample Type	9/15/93		10/18/93		11/10/93		12/7/93		1/25/94	
	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated	Raw	Treated
Micrograms per Liter										
Cis-1,2-Dichloroethene	1400.00	0.80	1600.00	2.30	1400.00	1.60	990.00	<0.50	480.00	0.50
Trans-1,2-Dichloroethene	2.50	<0.50	<5.00	<0.50	<5.00	<0.50	<5.00	<0.50	0.70	<0.50
Tetrachloroethene	230.00	<0.50	230.00	<0.50	230.00	<0.50	170.00	<0.50	60.00	<0.50
Trichloroethene	210.00	<0.50	200.00	<0.50	180.00	<0.50	140.00	<0.50	53.00	<0.50

Table 5

Lake Success Water and Soil Quality Summary - VOCs

Lockheed Martin
Great Neck, NY

Compound	LS1 soil	LS1 soil duplicate	LS2 soil	LS3 soil	LS1 water	LS1 water duplicate	LS2 water	LS3 water
	Micrograms per Kilogram (ug/Kg)							
Acetone	350	270	58	9J	2J	ND	ND	ND
1,2 - Dichloroethene (total)	ND	ND	ND	ND	ND	ND	ND	ND
2 - Butanone	120	90	18	ND	ND	ND	ND	ND
1,1,1 - Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND

ND Not detected

J Value is estimated - compound detected below the practical quantitation limit.

B Compound detected in either the field blank, trip blank and/or laboratory blank

Table 6
Lockheed Martin Tactical Defense Systems
Drainage Basin Sediment Sampling
Metals Analytical Results
August 8, 1996

SAMPLE LOCATION	WEST BASIN			EAST BASIN			CENTER BASIN			CONCENTRATIONS OF CONCERN ²			
	WB-1/RS	WB-2/RS	EB-1/RS	EB-2/RS	EB-3/RS	CB-1/RS	CB-2/RS	CB-3/RS	CB-4/RS	RSCO ^A	EUS BG ^B	NCDOH ^C	USGS ^D
Metals - mg/kg													
Silver	138	127	3.1	173	180	140	84.4	128	33.6	SB ³	NA ⁴	<0.5	NA
Aluminum	19,000	1,990	2,600	18,200	20,200	19,400	15,000	14,500	7,280	SB	33,000	NA	NA
Arsenic	22.1	20.7	2.3	14.5	16.0	16.0	21.0	19.0	10.8	7.5 or SB	3-12	1.8-14.0	0.0
Barium	106	109	ND	99.5	ND	ND	ND	ND	ND	300 or SB	15-600	20.0-112.0	NA
Beryllium	ND ¹	ND	ND	ND	ND	ND	ND	ND	ND	0.16 or SB	0-1.75	NA	NA
Calcium	6,900	9,380	294	5,200	5,680	5,590	5,220	5,200	3,090	SB	130-35,000	NA	NA
Cadmium	6.4	6.5	ND	8.2	7.5	7.8	30.9	7.1	2.7	10	0.1-1	0.4-12.7	0-2
Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	30 or SB	2.5-60	NA	NA
Chromium	244	232	8.7	160	170	184	133	170	74.3	50	1.5-40	9.9-299.0	10-20
Copper	2,280	2,400	67.4	2,190	2,430	2,570	2,550	3,200	1,210	25 or SB	1-50	NA	8-28
Iron	26,700	26,900	8,030	21,100	22,600	20,300	19,000	22,200	11,200	2000 or SB	2,000-550,000	NA	4,000-8,300
Mercury	1.8	1.2	ND	2.5	2.7	2.7	1.3	2.3	0.56	0.1	0.001-0.2	0.04-0.23	0.0
Potassium	1,860	1,970	334	1,360	1,410	1,320	1,310	1,070	576	SB	8,500-43,000	NA	NA
Magnesium	6,330	7,860	817	4,970	5,440	5,180	5,450	4,500	3,050	SB	100-5,000	NA	NA
Manganese	172	170	47.4	147	160	139	143	128	83.2	SB	5-5,000	NA	NA
Sodium	402	517	44.1	543	600	3,170	4,070	1,080	876	SB	6,000-8,000	NA	NA
Nickel	89.3	90.0	10.9	86.0	83.8	57.5	66.1	76.9	35.8	13 or SB	0.5-25	NA	NA
Lead	1,390	141	27.4	1,170	1,190	1,840	ND	624	226	200-500	200-500	102.0-269.0	70-1,200
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB	NA	NA	NA
Selenium	ND	ND	ND	ND	3.2	4.0	4.8	ND	2.4	2 or SB	0.1-3.9	<0.5	NA
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB	NA	NA	NA
Vanadium	141	156	6.2	149	154	137	94.8	107	44.8	150 or SB	1-300	NA	NA
Zinc	1,190	1,320	69.6	1,190	1,200	1,050	1,070	1,500	580	20 or SB	9-50	NA	18-132

Notes:

¹ ND - Analyte not detected.

² Levels of Concern - Values based on NYSDEC TAGM - Recommended Soil Cleanup Objectives, HWR-94-4046, Revised 4/95 and other indicated documents.

^A RSCO - Recommended Soil Cleanup Objective

^B EUS BG - Eastern USA Background

^C NCDOH - Nassau County Background Soil Metal Levels

^D USGS - Effects of Urban Stormwater Runoff on Ground Water Beneath Recharge Basins and Long Island, New York, 1986. Data collected in recharge basins located in Huntington, Laurel Hollow, Plainview, and Syosset.

³ SB - Site Background.

⁴ NA - Not available.

Table 7
Lockheed Martin Tactical Defense Systems
Drainage Basin Sediment Sampling
Semi-Volatile Organic Compound Analytical Results
August 8, 1996

SAMPLE LOCATION	WEST BASIN		EAST BASIN			CENTER BASIN				NYSDEC RSCO ¹
	WB-1/RS	WB-2/RS	EB-1/RS	EB-2/RS	EB-3/RS	CB-1/RS	CB-2/RS	CB-3/RS	CB-4/RS	
Semi-VOC's (mg/kg)										
Carbazole	1.9	1.7	0.93	2.5	3.2	ND	ND	2.4	2.5	NA ³
Phenanthrene	3.9	4.7	2.1	5.7	8.1	ND	4.0	5.0	5.1	50
Anthracene	ND ²	ND	0.65	1.7	2.1	ND	ND	ND	1.7	50
Fluoranthene	7.4	7.2	2.5	8.4	12	2.7	6.7	7.4	5.4	50
Pyrene	ND ¹	9.7	3.8	19	29	3.4	7.4	8.7	6.6	50
Chrysene	5.3	5.0	1.9	5.5	12	ND	4.1	4.7	3.1	0.4
Benzo (a) anthracene	3.3	3.4	1.5	7.8	8.1	ND	ND	3.6	2.8	0.224 or MDL ⁴
Benzo (b) fluoroanthene	5.2	5.1	1.8	7.8	14	ND	3.9	4.3	2.4	3.3
Benzo (k) fluoroanthene	6.3	3.5	1.6	8.1	11	ND	3.6	4.9	2.6	3.3
Benzo (a) pyrene	3.9	3.5	1.4	5.5	4.9	ND	3.1	3.7	2.3	0.061 or MDL
Indeno (1,2,3-c,d) pyrene	1.9	ND	0.5	2.8	4.9	ND	ND	ND	ND	9.6
Dibenzo (a,h) anthracene	ND	ND	ND	1.7	3.1	ND	ND	ND	ND	0.014 or MDL
Benzo (g,h,i) perylene	1.8	ND	0.42	2.6	4.6	ND	ND	ND	ND	50

Notes:

¹ NYSDEC RSCO - Values based on NYSDEC TAGM - Recommended Soil Cleanup Objectives, HWR-94-4046, Revised 4/95, calculated using site-specific TOC of 3%.

² ND - Analyte not detected.

³ NA - Not available.

⁴ MDL - Method detection limit.

Table 8
Lockheed Martin Tactical Defense Systems
Drainage Basin Sediment Sampling
PCB's Analytical Results
August 8, 1996

SAMPLE LOCATION	WEST BASIN		EAST BASIN		CENTER BASIN				NYSDEC RSCO ¹	USGS ²
	WB-1/RS	WB-2/RS	EB-1/RS	EB-2/RS	EB-3/RS	CB-1/RS	CB-2/RS	CB-3/RS	CB-4/RS	
PCB's - mg/kg										
Aroclor 1242	ND ³	ND	0.53	ND	0.26	ND	ND	ND	ND	NA ⁴
Aroclor 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Aroclor 1254	0.33	0.81	0.28	0.37	0.99	0.33	0.72	1.4	0.15	NA
Aroclor 1260	ND	0.68	0.07	0.49	0.89	ND	0.38	0.5	ND	NA

Notes:

¹ NYSDEC RSCO - Values based on NYSDEC TAGM - Recommended Soil Cleanup Objectives, HWR-94-4046, Revised 4/95 calculated using site-specific TOC of 3%.

² USGS - Effects of Urban Stormwater Runoff on Ground Water Beneath Recharge Basins and Long Island, New York, 1986. Data collected in recharge basins located in Huntington, Laurel Hollow, Plainview, and Syosset.

³ ND - Analyte not detected.

⁴ NA - Not Available/Not Applicable.

Table 9
Lockheed Martin Tactical Defense Systems
Drainage Basin Sediment Sampling
TCLP Metals Analytical Results
August 8, 1996

SAMPLE LOCATION	WB-1/RS	CB-1/RS	CB-2/RS	TCLP²
Metals				
Silver	<0.01	<0.01	<0.01	5.0
Arsenic	0.02	0.03	0.02	5.0
Barium	0.45	0.38	0.50	100.0
Cadmium	<0.005	0.02	0.02	1.0
Chromium	<0.01	<0.01	<0.01	5.0
Mercury	<0.0002	<0.0002	<0.0002	0.2
Lead	0.06	2.0	0.38	5.0
Selenium	<0.03	<0.03	<0.03	1.0

Notes:

¹ ND - Analyte not detected.

² TCLP - Maximum concentration of contaminants for the TCLP.

Table 10
Lockheed Martin Tactical Defense Systems
Drainage Basin Surface Water Sampling
Metals Analytical Results
August 8, 1996

Sample Identification	West Basin	Center Basin	East Basin	NYSDEC GA Standard²
Silver	<10.0 ¹	<10.0	<10.0	50
Arsenic	<10.0	<10.0	<10.0	25
Beryllium	<5.0	<5.0	<5.0	NA ³
Cadmium	<5.0	<5.0	<5.0	10
Chromium	<10.0	<10.0	<10.0	50
Copper	<20.0	<20.0	<20.0	200
Mercury	<0.20	<0.20	<0.20	2
Nickel	<40.0	<40.0	<40.0	NA
Lead	<5.0	<5.0	<5.0	25
Antimony	<60.0	<60.0	<60.0	NA
Selenium	<5.0	<5.0	<5.0	10
Thallium	<10.0	<10.0	<10.0	NA
Zinc	40	40	50	300

NOTES:

¹ < - Indicates analyte was not detected above instrument detection limits.

² NYSDEC GA Standard based on NYSDEC Division of Water and Operational Guidance Series (1.1.1): AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES, October 22, 1993.

³ NA - Not Applicable

Table 11
Lockheed Martin Tactical Defense Systems
Drainage Basin Surface Water Samples
VOC Analytical Results
August 8, 1996

SAMPLE I.D.	West Basin	Center Basin	East Basin
ug/l			
Dichlorodifluoromethane	<1	<1	<1
Chloromethane	<1	<1	<1
Vinyl Chloride	<1	<1	<1
Bromomethane	<1	<1	<1
Chloroethane	<1	<1	<1
Fluorotrichloromethane	<1	<1	<1
1,1-Dichloroethene	<1	<1	<1
Methylene Chloride	<1	<1	<1
Trans-1,2-Dichloroethene	<1	<1	<1
1,1-Dichloroethane	<1	<1	<1
Cis-1,2-Dichloroethene	<1	<1	<1
Chloroform	<1	<1	<1
1,1,1-Trichloroethane	<1	<1	<1
Carbon Tetrachloride	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1
Trichloroethene	<1	<1	<1
1,2-Dichloropropane	<1	<1	<1
Bromodichloromethane	<1	<1	<1
Trans-1,3-Dichloropropene	<1	<1	<1
cis-1,3-Dichloropropene	<1	<1	<1
1,1,2-Trichloroethane	<1	<1	<1
Tetrachloroethene	<1	<1	<1
Chlorodibromomethane	<1	<1	<1
Chlorobenzene	<1	<1	<1
Bromoform	<1	<1	<1
1,1,2,2-Tetrachloroethane	<1	<1	<1
M-Dichlorobenzene	<1	<1	<1
P-Dichlorobenzene	<1	<1	<1
O-Dichlorobenzene	<1	<1	<1
Benzene	<1	<1	<1
Toluene	<1	<1	<1
1,3-Xylene	<1	<1	<1
1,4-Xylene	<1	<1	<1
1,2-Xylene	<1	<1	<1

NOTES:

¹ < - Indicates compound was not detected above instrument detection limits.

² Sample was a blind duplicate of MW-1.

³ NYSDEC GA Standard based on NYSDEC Division of Water and Operational Guidance Series (1.1.1): AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES, October 22, 1993.

⁴ NA - Not Applicable

Table 12 (Cont.)
Lockheed Martin Tactical Defense Systems
Dry Well Area Soil Samples
VOCs Analytical Results

SAMPLE ID SAMPLE DEPTH	SB-6 (10-12 ft)	SB-6 (14-16 ft)	SB-6 (24-26 ft)	SB-6 (26-28 ft)	SB-6 (28-30 ft)	SB-7 (13-15 ft)	SB-7 (15-17 ft)	SB-7 (17-19 ft)	SB-9 (15 ft)	QA/QC SAMPLES			NYSDEC RSC0 ²
										SB-5 DUP. ³ (12-14 ft)	SB-6 DUP. ⁴ (28-30 ft)	Field Blank ⁷	
VOCs - ug/kg													
Dichlorodifluoromethane	<25 ¹	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	NA ³
Chloromethane	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	NA
Vinyl Chloride	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	342
Bromomethane	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	NA
Chloroethane	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	5,500
Fluorotrichloromethane	27	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	NA
1,1-Dichloroethene	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	975
Methylene Chloride	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	315
Trans-1,2-Dichloroethene	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	885
1,1-Dichloroethane	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	450
Cis-1,2-Dichloroethene	1,900	22	<2	<20	36 J	<2	<2	<20	<2	<100	<100	<1	885
Chloroform	<25	<5	<2	<20	64	<2	<2	<20	<2	8,200	<100	<1	651
1,1,1-Trichloroethane	<25	<5	<2	<20	480	<2	<2	<20	<2	<100	150	<1	2,280
Carbon Tetrachloride	<25	<5	<2	<20	<50	<2	<2	<20	<2	230	340	<1	1,650
1,2-Dichloroethane	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	210
Trichloroethene	5,400	580	7	310	160,000	65	8	150	<2	<100	200,000	<1	1,890
1,2-Dichloropropane	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	NA
Bromodichloromethane	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	NA
Trans-1,3-Dichloropropene	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	NA
Cis-1,3-Dichloropropene	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	NA
1,1,2-Trichloroethane	<25	<5	<2	<20	50	<2	<2	<20	<2	<100	<100	<1	NA
Tetrachloroethene	71,000	3,800	260	12,000	790,000	250	26	1,300	<2	<100	<100	<1	2,280
Chlorodibromomethane	<25	<5	<2	<20	<50	<2	<2	<20	<2	250,000	350,000	<1	4,155
Chlorobenzene	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	NA
Bromoform	<25	<5	<2	<20	<50	<2	<2	<20	<2	<100	<100	<1	4,950
1,1,2,2-Tetrachloroethane	<25	5	<2	<20	110	<2	<2	<20	<2	<100	<100	<1	NA
M-Dichlorobenzene	1,000	370	26	22	260	<2	<2	<20	<2	<100	<100	<1	1,770
P-Dichlorobenzene	230	20	22	40	1,500	<2	<2	<20	<2	<100	360	<1	4,650
O-Dichlorobenzene	770	80	130	150	8,700	5	<2	<20	<2	200	1,900	<1	10,000
Trichlorotrifluoroethane (Freon 113)	1,200	<5	<2	<20	<50	<2	<2	120	6	1,700	14,000	<1	10,000
Photoionization Detector (ppm)	16.7	18.7	35.4	225	281	10.1	9.7	14.6	35.7	210	NA	<1	10,000
NOTES:										NA	NA	NA	NA

NOTES:

¹ < - Indicates analyte was not detected above instrument detection limits.

² NYSDEC Recommended Soil Cleanup Objectives and Cleanup Levels
Division of Hazardous Waste Remediation - Technical and Administrative
Guidance Memorandum (NYSDEC TAGM No. 92-4046, revised 4/95, calculated using site-specific TOC of 3%).

³ NA - Indicates Recommended Soil Cleanup Objective was not available.

⁴ Sample was a blind duplicate and was assigned the fictitious ID SB-15 (12-14 ft) in the field.

⁵ Sample was a blind duplicate and was assigned the fictitious ID SB-16 (28-30 ft) in the field.

⁶ Units = ug/l.

Table 13
Lockheed Martin Tactical Defense Systems
Dry Well Area Soil Samples
Metals and TPH Analytical Results

SAMPLE ID SAMPLE DEPTH	SB-1 (10-11)	SB-5 (12-14 ft)	SB-5 (28-31 ft)	SB-6 (10-12 ft)	SB-6 (28-30 ft)	SB-7 (17-19 ft)	SB-9 (15 ft)	CONCENTRATIONS OF CONCERN ²		
								RSCO ^A	EUS BG ^B	NCDOH ^C
Metals - mg/kg										
Silver	<1.1	<1.1	<1.2	2.8	<1.1	<1.1	<1.1	SB ⁵	NA	NA
Arsenic	6.5	<1.1	<1.2	1.9	<1.1	<1.1	2.3	7.5 or SB	3-12	1.8-14
Beryllium	<0.56	<0.56	<0.58	<0.57	<0.54	<0.54	<0.54	SB	0-1.75	NA
Cadmium	2.6	1.4	1.0	6.0	<0.54	<0.54	<0.54	10	0.1-1	0.4-12.7
Chromium	126	25.9	12.8	64.7	13.0	8.5	18.5	50	1.5-40	9.9-299
Copper	534	57.4	24.5	227	11.9	5.4	56.5	25 or SB	1-50	NA
Mercury	2.6	1.4	0.34	243	<0.09	<0.09	<0.10	0.1	0.001-0.2	0.04-0.23
Nickel	37.5	19.1	15.2	25.0	10.9	8.6	16.3	13 or SB	0.5-25	NA
Lead	261	124	72.4	148	6.2	3.7	25.0	400	200-500	102-269
Antimony	<6.7	<6.8	<7.0	<6.8	<6.5	<6.4	<6.5	SB	NA	NA
Selenium	1.1	<0.56	<0.58	<0.57	<0.54	<0.54	<1.1	2 or SB	0.1-3.9	<0.5
Thallium	<1.1	<1.1	<1.2	<1.1	<1.1	<1.1	<1.1	SB	NA	NA
Zinc	322	214	59.6	284	20.6	11.8	39.1	20 or SB	9-50	NA
TPH (mg/kg)	NA	NA	1,090	NA	NA	NA	NA	NA	NA	NA

NOTES:

¹ < - Indicates analyte was not detected above instrument detection limits.

² Concentrations of Concern - Values based on NYSDEC TAGM - Recommended Soil Cleanup Objectives, HWR-94-4046, Revised 4/95 and other indicated documents

^A RSCO - Recommended Soil Cleanup Objective

^B EUS BG - Eastern USA Background

^C NCDOH - Nassau County Background Soil Metal Levels

³ NA - Indicates Recommended Soil Cleanup Objective was not available.

⁴ B - Indicates that analyte was detected in associated blank sample.

⁵ SB - Site Background.

APPENDICES

APPENDIX A

GEOLOGIC LOGS

GEOLOGIC LOG LORAL ENVIRONMENTAL	
WELL NO.:13ML	PAGE: 1 OF 2 PAGES
SITE LOCATION: Great Neck, NY (GNPS)	SCREEN SIZE & TYPE: 4" (10 ft.) 319'-329' SLOT NO.: #20 slot
DATE COMPLETED: 9/1/95	SAND PACK SIZE & TYPE: Morie #2
DRILLING COMPANY: ADT	SETTING: 314-329
DRILLING METHOD: rotary	CASING SIZE & TYPE: 4" Sch.40 SETTING: 0'-319'
SAMPLING METHOD: NA	SEAL TYPE: Betonite
OBSERVER: BM	SETTING: 304'-314'
REFERENCE POINT (RP):	BACKFILL TYPE:
ELEVATION OF RP:	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION:	DURATION
REMARKS:	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube PPM = parts per million REC = recovery	

DEPTH (FT)		SAMPLE TYPE	PID READING (PPM)	DESCRIPTION
FROM	TO			
3	5			
5	10	C		Gravel, medium to coarse; some crushed rock, brw
10	20	C		Sand med-fine; gravel medium
20	30	C		Sand med-fine; gravel medium
30	40	C		Sand fine-med; little gravel fine
40	50	C		Sand, fine-med; little gravel, fine
50	60	C		Sand, very fine-med, black; little gravel, fine
60	70	C		Sand, very fine-med, black; little gravel, fine
70	80	C		Sand, very fine-med, OK; gravel fine-med, red, brw
80	90	C	2.6	Sand, very fine-med: little gravel-fine
90	100	C		Sand, very fine-coarse; little gravel-fine
100	110	C		Sand, very fine, brown black
110	120	C		Sand, very fine, brown black (clay?)
120	130	C		Clay, light gray
130	140	C		Clay, light gray; sand very fine-med, bwn/bk
140	150	C		Clay, light gray; sand fine, bwn, bk
150	160	C	2.2	Clay, light gray, little sand, fine bk
160	170	C		Clay, light gray, little sand, fine bk
170	180	C		Clay, light gray; little sand

GEOLOGIC LOG	
LORAL ENVIRONMENTAL	
WELL NO.: 13ML	PAGE: 2 OF 2 PAGES

DEPTH (FT)		SAMPLE TYPE	PID READING (PPM)	DESCRIPTION
FROM	TO			
180	190	C		Clay, light gray; sand, med, bk - didn't collect
190	200	C		Clay, light gray; sand; fine-med, brown, BK
200	210	C		Clay, light gray; of sand since 180'
210	220	C	0.0	Clay, gray, sand fine-med.
220	230	C		Clay, red-brown; sand fine-med; brown, BK
230	240	C		Clay, red-brown; gray, sand fine, brown, BK
240	250	C		Clay, red-brown; gray, sand fine, brown, BK
250	260	C		Clay, red-brown; gray, sand fine, brown, BK-didn't collect
260	270	C		Sand, gravel fine-coarse, white, brown, bk, silts
270	280	C		Silts, sand fine-med.; clay red & gray
280	290	C		Silts; Clay, red; organics-didn't collect
290	300	C		Clay, Red; Silts, organics, Sand, white, fine-med @ 293'
300	310	C		Clay, Red; Silts, organics, Sand, white, fine-med @ 293'
310	320	C		@ ~315 sand, white-brown, fine to coarse
320	330	C		@ ~315 sand, white-brown, fine to coarse
330	340	C		Sand, white-brown, fine-med; Trace clay red, brown
340	350			
350	360			
360	370			
370	380			
380	390			
390	400			

Notes: from 260-275 sand layer, layer was not very active. It didn't take any water. Hit clay again @ ~280!

GEOLOGIC LOG LORAL ENVIRONMENTAL	
WELL NO.: 14MI	PAGE: 1 OF 2 PAGES
SITE LOCATION: GNPS	SCREEN SIZE & TYPE: 4" Sch. 40 PUC SLOT NO.: #20 Setting: 258-248'
DATE COMPLETED: 9/1/95	SAND PACK SIZE & TYPE: Morie #2
DRILLING COMPANY: ADT	SETTING: 246'-258 ft bg
DRILLING METHOD: Mud rotary	CASING SIZE & TYPE: NA
SAMPLING METHOD:	SETTING:
OBSERVER: BM/LBG (Allen K.)	SEAL TYPE: Betonite
REFERENCE POINT (RP):	SETTING: 0-246 ft bg
ELEVATION OF RP:	BACKFILL TYPE:
STICK-UP:	STATIC WATER LEVEL:
SURFACE COMPLETION:	DEVELOPMENT METHOD: air surge
DURATION	
REMARKS:	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube PPM = parts per million REC = recovery	

DEPTH (FT)		SAMPLE TYPE	PID READING (PPM)	DESCRIPTION
FROM	TO			
3	5			
5	10	C		Gravel, med-coarse; cobbles
10	20	C		Sand, fine-med, wh.-bk.
20	30	C		Sand, fine-med, wh.-bk.
30	40	C		Sand, fine-med, wh.-bk.
40	60	C		Med. sand w/ some coarse sand & gravel
60	80	C		Coarse sand with some gravel, quartz w/ 20% mica flakes.
88	115	C		Coarse sand w/ some gravel
115	122	C		Fine sand w/ some silt & clay
122	135	C		light gray silt & clay, some fine sand stringers
135	185	C		light gray silt & clay, some fine sand stringers
185	200	C		coarse sand w/ some gravel & occasional cobbles.
200	250	C		medium sand w/ little gravel; little silt
250	255	C		coarse sand with gravel and cobbles

GEOLOGIC LOG LORAL ENVIRONMENTAL	
WELL NO.: 16 GL	PAGE: 1 OF 2 PAGES
SITE LOCATION: GNPS	SCREEN SIZE & TYPE: 4" (10 ft.) 185'-195' SLOT NO.: #20
DATE COMPLETED: 9/2/95	SAND PACK SIZE & TYPE: Morie #2
DRILLING COMPANY: ADT	SETTING: 179' -195'
DRILLING METHOD: mud rotary	CASING SIZE & TYPE: 4" Sch. 40
SAMPLING METHOD:	SETTING: 0'-185'
OBSERVER: BM	SEAL TYPE: Betonite
REFERENCE POINT (RP):	SETTING: 169'-179'
ELEVATION OF RP:	BACKFILL TYPE:
STICK-UP:	STATIC WATER LEVEL:
SURFACE COMPLETION:	DEVELOPMENT METHOD:
REMARKS:	DURATION
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube PPM = parts per million REC = recovery	

DEPTH (FT)		SAMPLE TYPE	PID READING (PPM)	DESCRIPTION
FROM	TO			
3	5			
5	10	C		very coarse gravel
10	20	C		very coarse gravel
20	30	C		very coarse gravel
30	40	C		very coarse gravel, very coarse
40	50	C		very coarse gravel; fine gravel
50	60	C		med-coarse sand
60	70	C		med-coarse
70	80	C		Sand, fine to coarse, wh, blk, brown, Gravel
80	90	C		Sand, fine to med, wh, blk, brown, Gravel
90	100	C		Sand, fine to med, wh, blk, brown, Gravel
100	110	C		Sand, fine to med, wh, blk, brown, Gravel
110	120	C		Sand, fine to med, wh, blk, brown, Gravel
120	130	C		Sand, fine to med, wh, blk, brown, Gravel
130	140	C		Sand, fine to med, wh, blk, brw, Gravel, clay traces
140	150	C		Sand fine, Gravel; Clay-light gray
150	160	C		Sand fine-coarse, white; Clay traces, gray
160	170	C		Sand fine-med, w-blk; Clay traces, gray
170	180	C		Sand fine-coarse; clay traces, gray

GEOLOGIC LOG
LORAL ENVIRONMENTAL

WELL NO.: 16GL

PAGE: 2 OF 2 PAGES

DEPTH (FT)		SAMPLE TYPE	PID READING (PPM)	DESCRIPTION
FROM	TO			
180	190	C		Sand, fine wh-blk, Gravel-bits from some
190	200	C		Sand med, white, brown
200	210	C		Sand med, white brown
210	220			
220	230			
230	240			
240	250			
250	260			
260	270			
270	280			
280	290			
290	300			
300	310			
310	320			
320	330			
330	340			
340	350			
350	360			
360	370			
370	380			
380	390			
390	400			

GEOLOGIC LOG LORAL ENVIRONMENTAL	
WELL NO.: 16ML	PAGE: 1 OF 2 PAGES
SITE LOCATION: GNPS	SCREEN SIZE & TYPE: 4" (10 ft.) 316'-326' SLOT NO.: #20
DATE COMPLETED: 9/2/95	SAND PACK SIZE & TYPE: MORIE #2
DRILLING COMPANY: ADT	SETTING: 314'-326'
DRILLING METHOD: rotary	CASING SIZE & TYPE: 4" Sch.40
SAMPLING METHOD:	SETTING: 0'-316'
OBSERVER: BM	SEAL TYPE: Betonite
REFERENCE POINT (RP):	SETTING: 304'-314'
ELEVATION OF RP:	BACKFILL TYPE:
STICK-UP:	STATIC WATER LEVEL:
SURFACE COMPLETION:	DEVELOPMENT METHOD: Air Surge
REMARKS:	DURATION 2 1/2 hrs.
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube PPM = parts per million REC = recovery	

DEPTH (FT)		SAMPLE TYPE	PID READING (PPM)	DESCRIPTION
FROM	TO			
3	5			
5	10	C		Clay, gray; Sand fine-med, white-bk
10	20	C		gravel & cobbles
20	30	C		gravel & cobbles
30	40	C		gravel & cobbles
40	50	C		gravel & cobbles
50	60	C		fine sediment & coarse gravel
60	70	C		interbedded cobbles & sand
70	80	C		coarse cobbles
80	90	C		coarse cobbles
90	100	C		coarse cobbles
100	110	C		coarse cobbles
110	120	C		med sand to fine gravel; very coarse-fine gravel
120	130	C		med to very coarse sand; gravel
130	140	C		very fine to fine sand; clay from 135'-137'
140	150	C		coarse sand
150	160	C		fine & med sand
160	170	C		fine sand and silt; clay
170	180	C		fine gravel

GEOLOGIC LOG
LORAL ENVIRONMENTAL

WELL NO.: 16ML

PAGE: 2 OF 2 PAGES

DEPTH (FT)		SAMPLE TYPE	PID READING (PPM)	DESCRIPTION
FROM	TO			
180	190			fine gravel
190	200			fine gravel
200	210			very coarse sand to gravel
210	220			clay, brown, grey; very coarse sand
220	230			very coarse sand & gravel
230	240	C		Sand fine-med, wh-brown; clay traces
240	250	C		Sand fine-med, wh-brown; clay, red-brown
250	260			Sand fine-med, wh-brown, clay, light gray
260	270			Sand fine-med, white-brown, clay traces
270	280	C		Sand fine-med, white-brown; clay red
280	290	C		Sand fine-med, white-brown; clay (silt) BLK
290	300	C		Sand fine-med, white-brown; clay light brown, red purple
300	310	C		Clay brown-red; sand
310	320	C		Sand fine, white; clay brown
320	330	C		Sand fine white; clay traces
330	340	C		
340	350	C		
350	360			
360	370			
370	380			
380	390			
390	400			

APPENDIX B

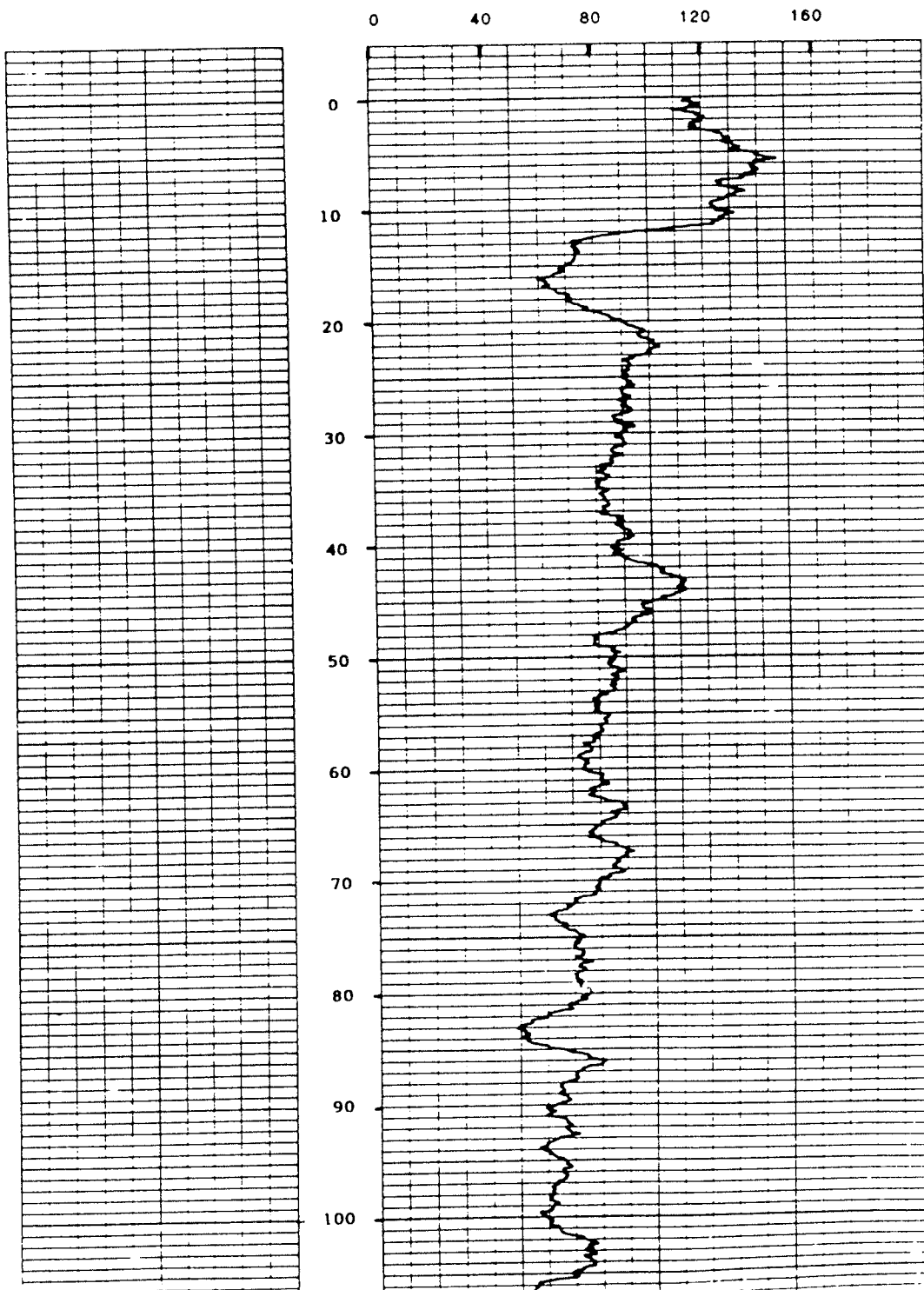
GAMMA LOGS

AQUA TERRA GEOPHYSICS INC.
16 STATION ROAD
BELLPORT, NY 11713
(516) 286 - 7699

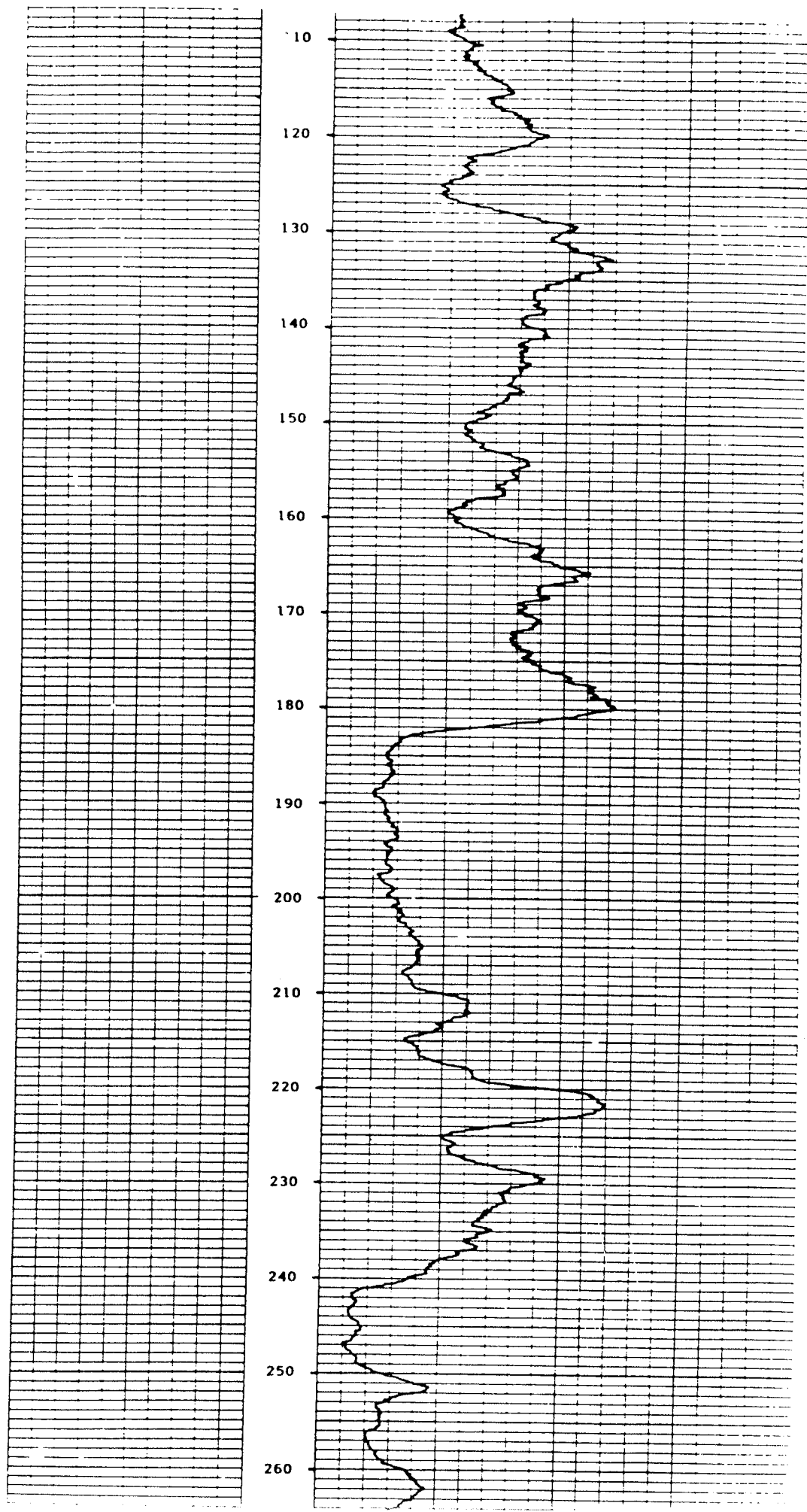
WELL # 16 ML
DATE : 8/24/95
CLIENT : Loral FIELD REPRESENTATIVE : Brian Macrae
WELL LOCATION : Great Neck Public Schools, Ball Fields, Lake Success
DRILLER : Aquifer Drilling & Testing Inc. DRILLED DEPTH : 330 ft.
LOGGING UNIT : MLS widco 1502 OPERATOR : B. Rice LOGGED DEPTH : 323 ft.
HOLE DIAMETER : 8 in. CASING DIAMETER & TYPE : none
TIME CONSTANT : 3 LOGGING SPEED : 20 ft./min. RANGE : 40 counts/sec./in.
COMMENTS : Mud hole.

CCL

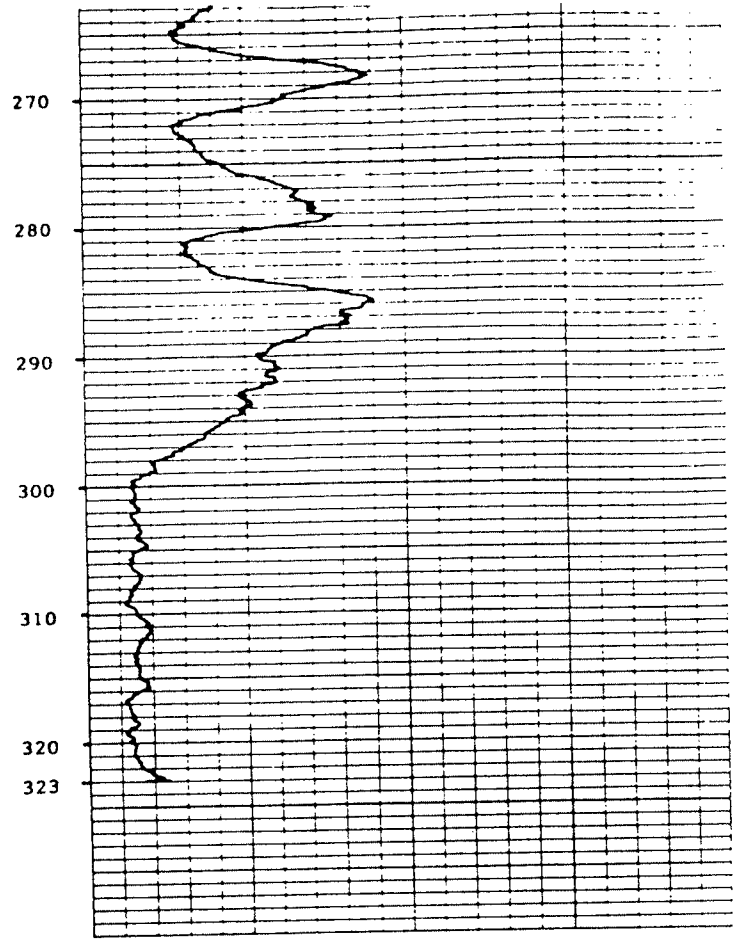
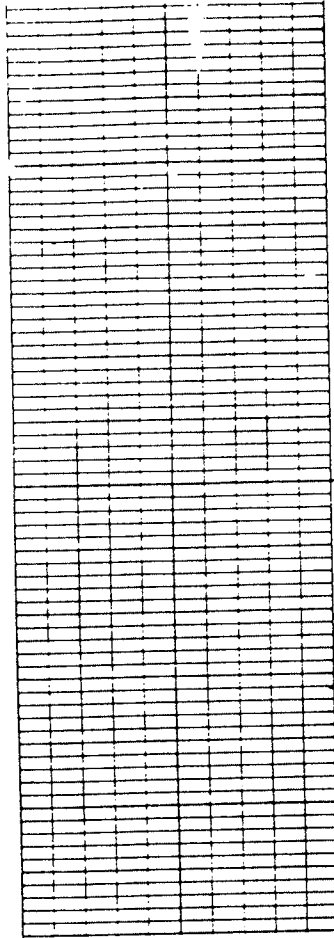
NATURAL GAMMA
10 COUNTS / DIVISION



16 ML



16 ML



AQUA TERRA GEOPHYSICS INC.
16 STATION ROAD
BELLPORT, NY 11713
(516) 286 - 7699

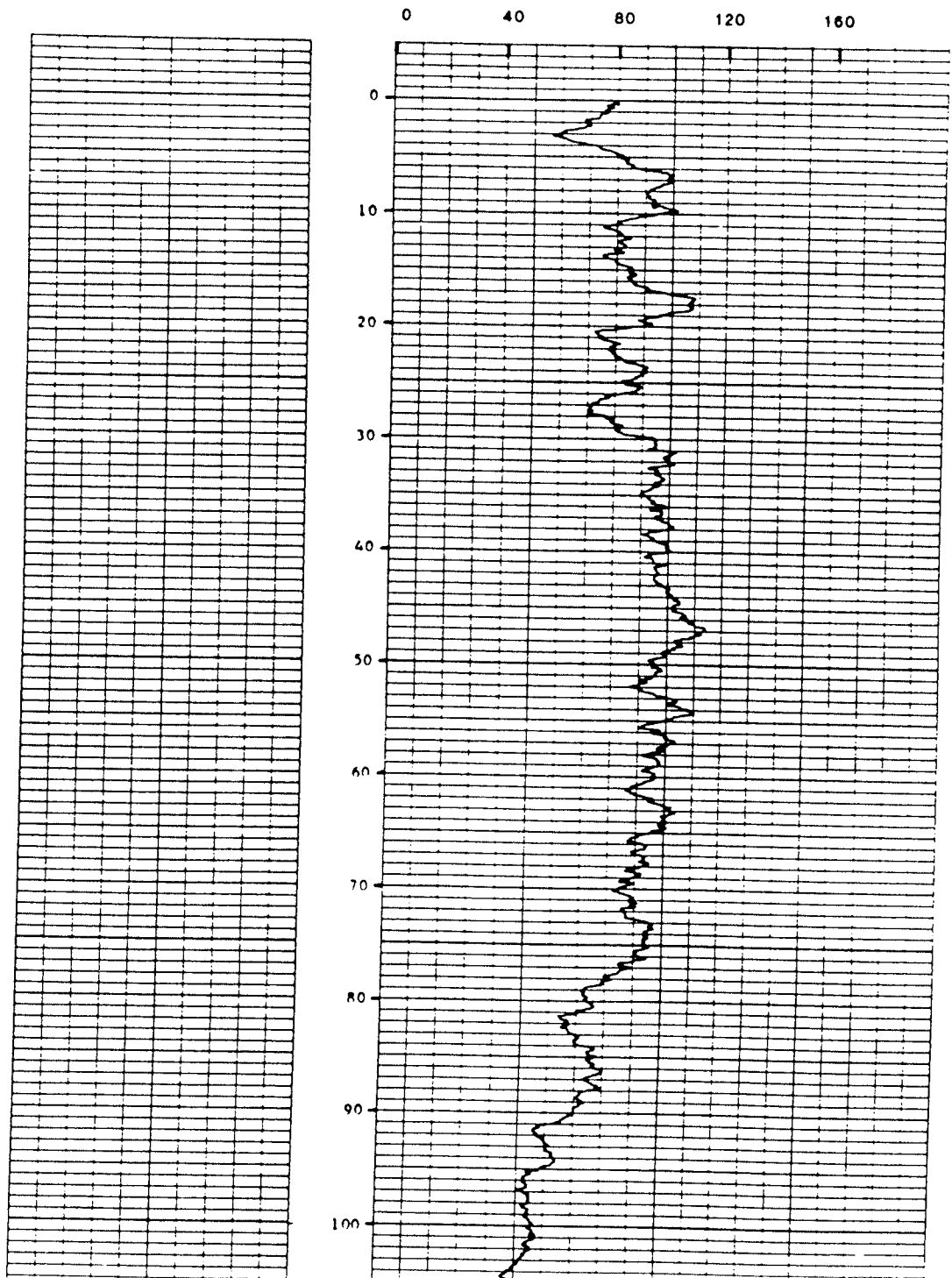
CLIENT : Loral
WELL LOCATION : Great Neck Public Schools, S. Service Rd. LIE, Lake Success
DRILLER : Aquifer Drilling & Testing Inc.
LOGGING UNIT : MLS Widco 1502 OPERATOR : B. Rice
HOLE DIAMETER : 8 in. CASING DIAMETER & TYPE : 10 in Steel, 0-7 ft.
TIME CONSTANT : 3 LOGGING SPEED : 20 ft./min. RANGE : 40 counts/sec./in.
COMMENTS : Mud hole.

WELL # 13 MI
DATE : 8/7/95

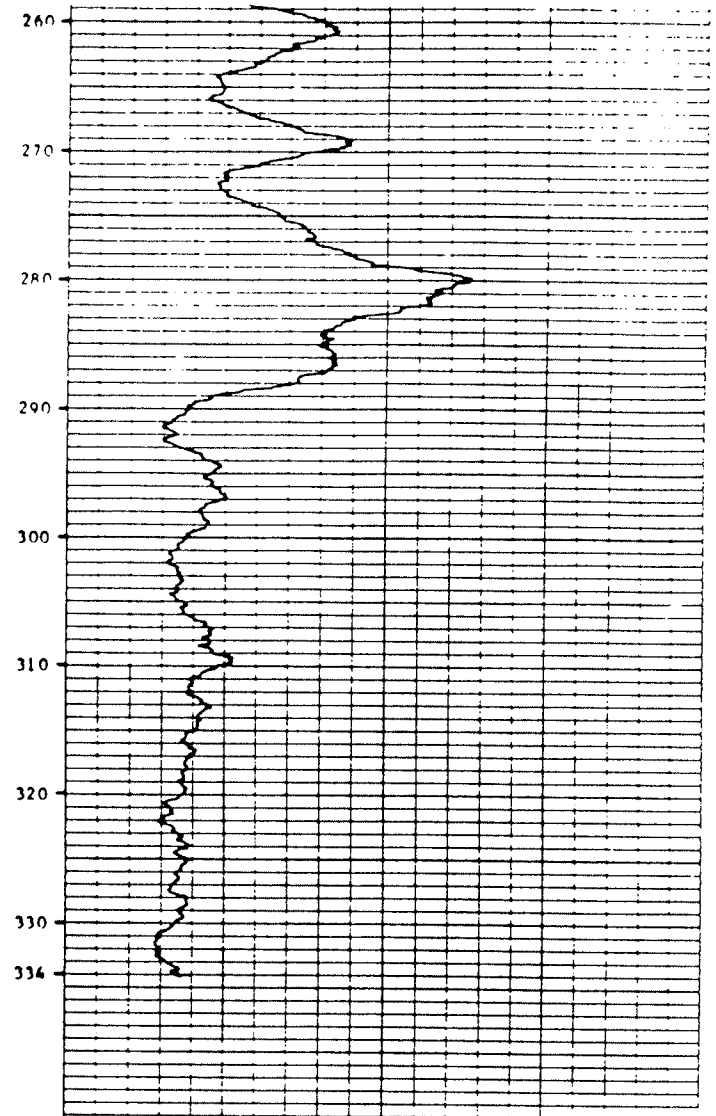
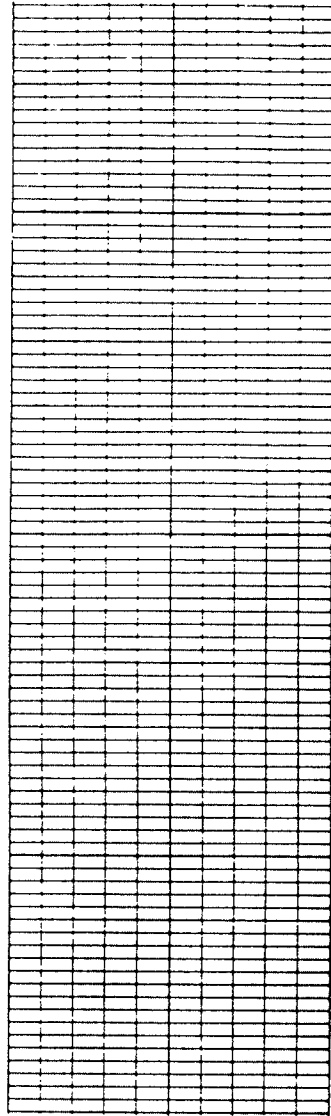
REPRESENTATIVE : Brian Macrae
DRILLED DEPTH : 340 ft.
LOGGED DEPTH : 334 ft.

CCL

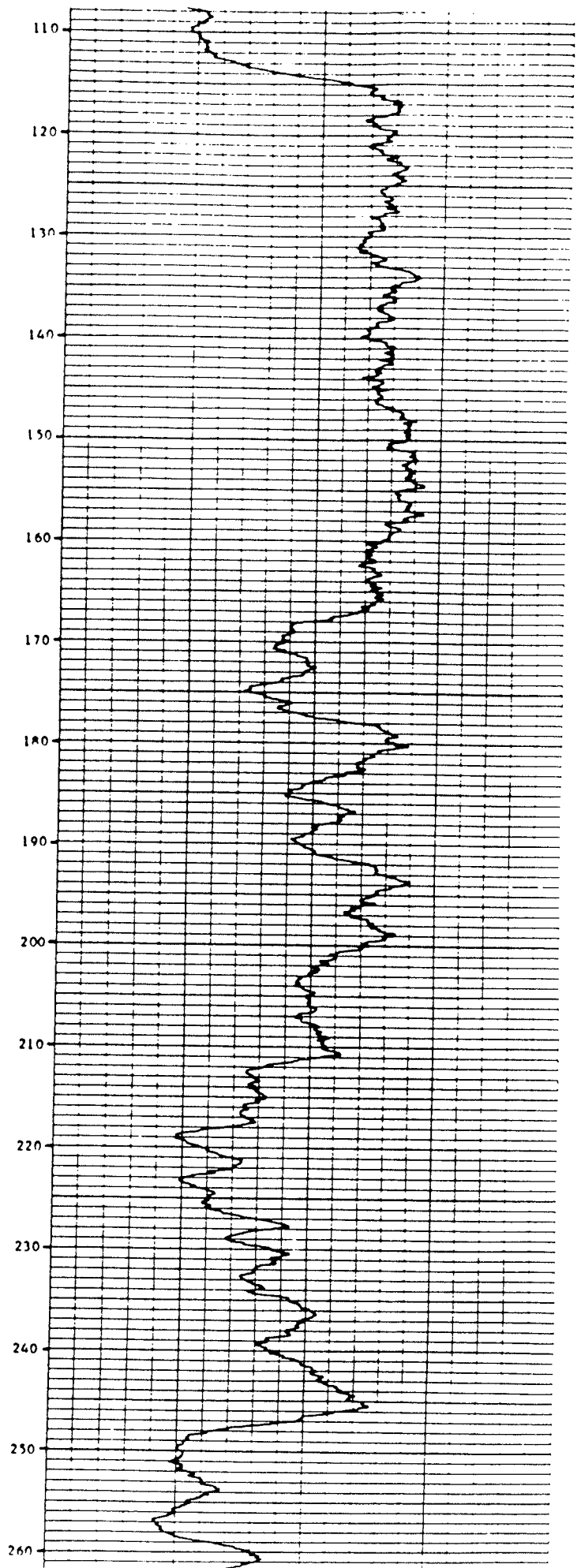
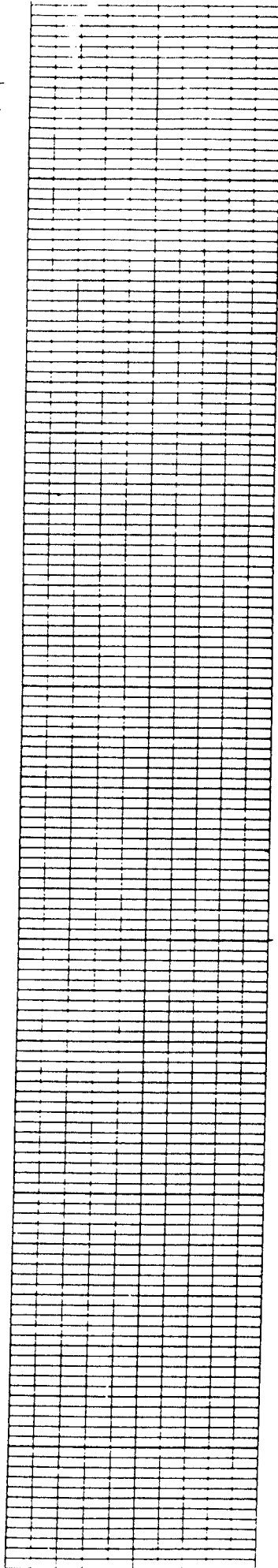
NATURAL GAMMA
10 COUNTS / DIVISION



13 ML



13m ±



AQUA TERRA GEOPHYSICS INC.
16 STATION ROAD
BELLPORT, NY 11713
(516) 286 - 7699

WELL # 14 MI
DATE : 8/15/95

CLIENT : Loral
WELL LOCATION : Great Neck Public Schools, Ball Fields, Lake Success
DRILLER : Aquifer Drilling & Testing Inc.
LOGGING UNIT : MLS widco 1502 OPERATOR : B. Rice
HOLE DIAMETER : 8 in. CASING DIAMETER & TYPE : 10 in. steel, 0-4 ft.
TIME CONSTANT : 3 LOGGING SPEED : 20 ft./min. RANGE : 40 counts/sec./in.
COMMENTS : Mud hole.

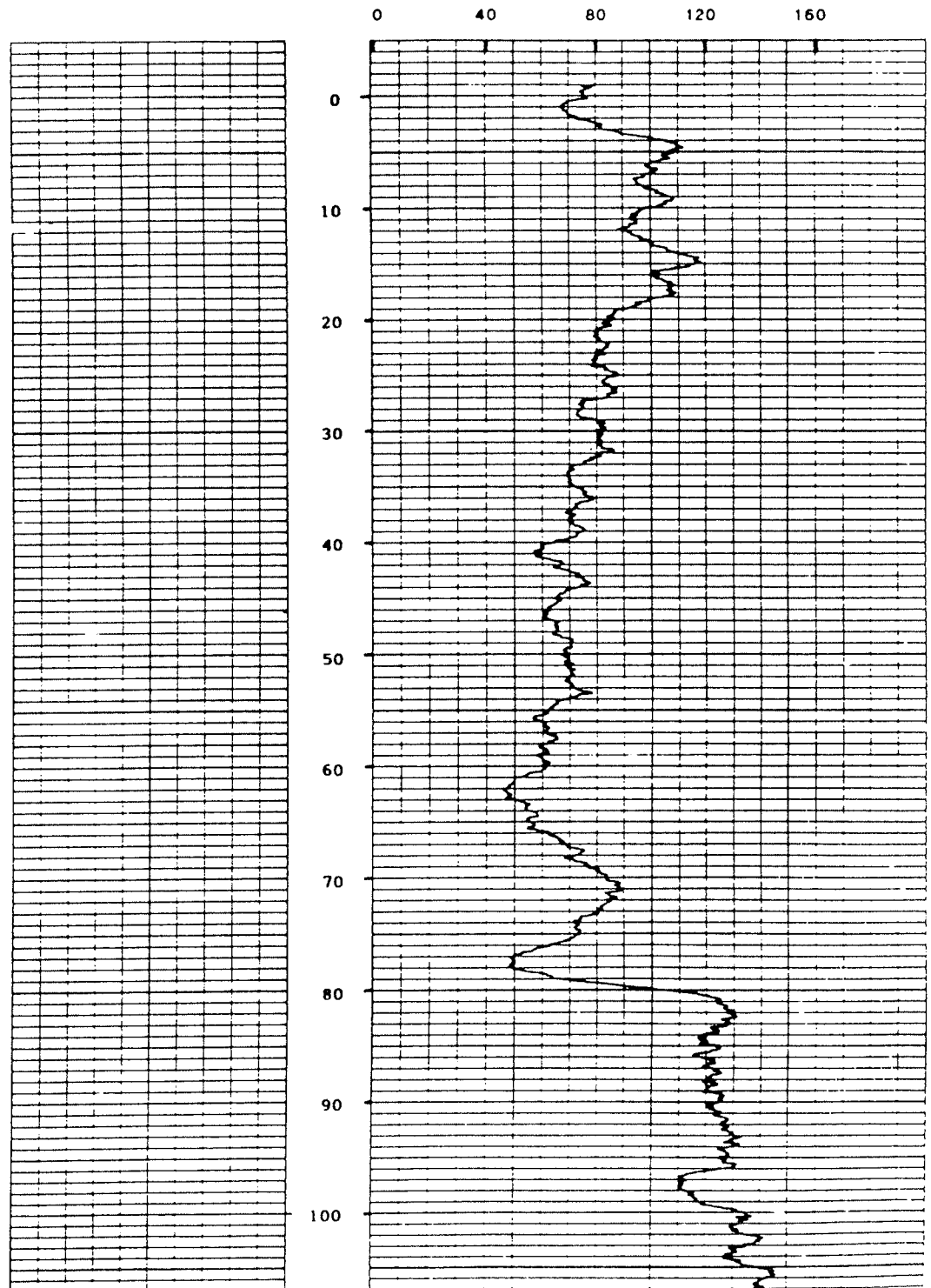
FIELD REPRESENTATIVE : Frank Fendler

DRILLED DEPTH : 260 ft.

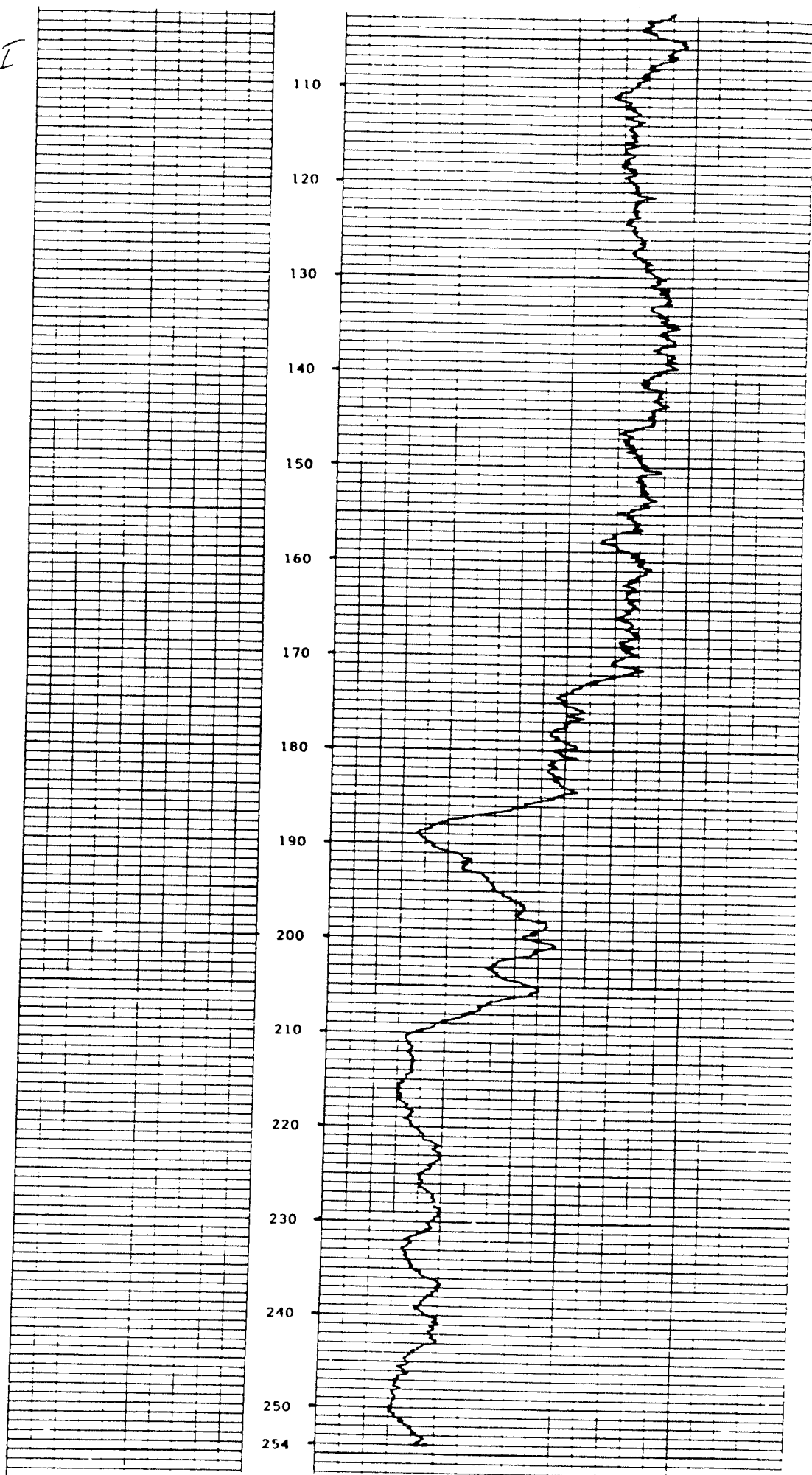
LOGGED DEPTH : 254 ft.

CCL

NATURAL GAMMA
10 COUNTS / DIVISION



14mI



APPENDIX C

NASSAU COUNTY GROUNDWATER QUALITY DATA

NASSAU COUNTY HEALTH DEPARTMENT
CENTER FOR LABORATORIES AND RESEARCH
ENVIRONMENTAL HEALTH LABORATORIES

TRACE ORGANICS

Accession Number: TR-95-00881
Premise: North Shore Towers - Marcus Avenue, Lake Success
Matrix: Private Well
Site/Source: Well 2576 - Irrigation Well
Date Sampled: 07/20/88
Date of Report: 08/30/88

VOLATILE ORGANIC ANALYSIS

	MRC (ug/l)	RESULT (ug/l)		MRC (ug/l)	RESULT (ug/l)
Dichlorodifluoromethane	1	<1	Benzene	1	<1
Chloromethane	5	<5	Toluene	1	<1
Vinyl Chloride	1	<1	Chlorobenzene	1	<1
1,1-Dichloroethane	1	NR	Ethylbenzene	1	<1
Chloroethane	2	<2	m/p-Xylene	1	<1
Trichlorofluoromethane	1	<1	o-Xylene	1	<1
1,1-Dichloroethane	1	NR	Styrene	1	<1
Methylene Chloride	1	<1	Isopropylbenzene	1	<1
1,1,2-Dichloroethylene	1	10	n-Propylbenzene	1	<1
1,1-Dichloroethane	1	<1	Bromobenzene	1	<1
2,2-Dichloropropene	5	NR	1,3,5-Trimethylbenzene	1	<1
1,1-Dichloroethane	1	NR	2-Chlorotoluene	1	<1
Chloroform	1	<1	4-Chlorotoluene	1	<1
Bromochloromethane	1	<1	1-Butylbenzene	1	<1
1,1,1-Trichloroethane	1	<1	1,2,4-Trimethylbenzene	1	<1
1,1-Dichloropropene	1	<1	2-Butylbenzene	1	<1
Carbon Tetrachloride	1	<1	p-Isopropyltoluene	1	<1
1,1-Dichloroethane	1	NR	m-Dichlorobenzene	1	<1
1,1-Dichloroethane	1	NR	p-Dichlorobenzene	1	<1
1,2-Dichloropropene	1	<1	n-Butylbenzene	1	<1
Bromodichloromethane	1	<1	o-Dichlorobenzene	1	<1
Dibromomethane	1	<1	1,2,4-Trichlorobenzene	2	<2
1,1,3-Dichloropropene	1	<1	Hexachlorobutadiene	2	<2
1,1,3-Dichloropropene	1	<1	Naphthalene	4	<4
1,1,2-Trichloroethane	1	<1	1,2,3-Trichlorobenzene	4	<4
1,3-Dichloropropene	1	<1			
1,1-Dichloroethane	1	NR			
Dibromochloromethane	1	<1			
1,2-Dibromoethane	1	<1			
1,1,1,2-Tetrachloroethane	1	<1			
Bromoform	1	<1			
1,1,2,2-Tetrachloroethane	1	<1			
1,2,3-Trichloropropene	1	<1			
1,2-Dibromo-2-Chloropropene	1	<1			

Comments: Chlorodifluoromethane tentatively identified by GC/MS.

MRC - MINIMUM REPORTABLE CONCENTRATION NA - NOT ANALYZED
NR - NO RESULT DUE TO TECHNICAL REASONS - RESAMPLE SUGGESTED
PPB: AIR - n/A WATER - ug/l SOIL - ng/g

NASSAU COUNTY HEALTH DEPARTMENT
CENTER FOR LABORATORIES AND RESEARCH
ENVIRONMENTAL HEALTH LABORATORIES

TRACE ORGANICS

Accession Number: TR-85-00882

Premises: ~~1000 Coxing Avenue~~

Matrix: Private Well

Site/Source: ~~1000 Coxing Avenue~~

Date Sampled: 07/20/95

Date of Report: 08/30/95

VOLATILE ORGANIC ANALYSIS

	MRC (ug/l)	RESULT (ug/l)		MRC (ug/l)	RESULT (ug/l)
Dichlorodifluoromethane	1	<1	Benzene	1	<1
Chloromethane	5	<5	Toluene	1	<1
Vinyl Chloride	1	<1	Chlorobenzene	1	<1
Bromomethane	1	<1	Ethylbenzene	1	<1
Chloroethane	2	<2	m/p-Xylene	1	<1
Trichlorofluoromethane	1	<1	o-Xylene	1	<1
1,1-Dichloroethane	1	<1	Styrene	1	<1
Methylene Chloride	1	<1	Isopropylbenzene	1	<1
1,1-Dichloroethane	1	<1	n-Propylbenzene	1	<1
1,1-Dichloroethane	1	<1	Bromobenzene	1	<1
2,2-Dichloropropane	5	NR	1,3,5-Trimethylbenzene	1	<1
1,2-Dichloroethane	1	<1	2-Chlorotoluene	1	<1
Chloroform	1	<1	4-Chlorotoluene	1	<1
Bromochloromethane	1	<1	t-Butylbenzene	1	<1
1,1,1-Trichloroethane	1	<1	1,2,4-Trimethylbenzene	1	<1
1,1-Dichloropropane	1	<1	n-Butylbenzene	1	<1
Carbon Tetrachloride	1	<1	p-Isopropyltoluene	1	<1
1,2-Dichloroethane	1	<1	m-Dichlorobenzene	1	<1
1,2-Dichloroethane	1	<1	p-Dichlorobenzene	1	<1
1,2-Dichloropropane	1	<1	n-Butylbenzene	1	<1
Bromodichloromethane	1	<1	o-Dichlorobenzene	1	<1
Dibromomethane	1	<1	1,2,4-Trichlorobenzene	2	<2
o-1,3-Dichloropropane	1	<1	Hexachlorobutadiene	2	<2
1,1,3-Dichloropropane	1	<1	Naphthalene	4	<4
1,1,2-Trichloroethane	1	<1	1,2,3-Trichlorobenzene	4	<4
1,3-Dichloropropane	1	<1			
Bromochloroethane	1	<1			
Dibromochloromethane	1	<1			
1,2-Dibromoethane	1	<1			
1,1,1,2-Tetrachloroethane	1	<1			
Bromoform	1	<1			
1,1,2,2-Tetrachloroethane	1	<1			
1,2,3-Trichloropropane	1	<1			
1,2-Dibromo-3-Chloropropane	1	<1			

Comments:

MRC - MINIMUM REPORTABLE CONCENTRATION NA - NOT ANALYZED
NR - NO RESULT DUE TO TECHNICAL REASONS - RESAMPLE SUGGESTED
PPB: AIR - n/l WATER - ug/l SOIL - ng/g

NASSAU COUNTY HEALTH DEPARTMENT
CENTER FOR LABORATORIES AND RESEARCH
ENVIRONMENTAL HEALTH LABORATORIES

TRACE ORGANICS

Accession Number: 941220
Premises: Deepdale Golf Club, North Hills
Matrix: Private Well
Site/Source: Well 5528
Date Sampled: 12/28/94
Date of Report: 01/06/95

VOLATILE ORGANIC ANALYSIS

	MRC (ug/l)	RESULT (ug/l)		MRC (ug/l)	RESULT (ug/l)
Dichlorodifluoromethane	1	<1	Benzene	1	<1
Chloromethane	1	<1	Toluene	1	<1
Vinyl Chloride	1	<1	Chlorobenzene	1	<1
Bromomethane	1	<1	Ethylbenzene	1	<1
Chloroethane	2	<2	m,p-Xylene	1	<1
Trichlorofluoromethane	1	<1	o-Xylene	1	<1
1,1-Dichloroethylene	1	<1	Myrene	1	<1
Methylene Chloride	1	<1	Isopropylbenzene	1	<1
* 1,1,2-Dichloroethylene	1	<1	n-Propylbenzene	1	<1
1,1-Dichloroethane	1	<1	Bromobenzene	1	<1
2,2-Dichloropropane	5	NR	1/3/5-TrimeThylbenzene	1	<1
o-1,2-Dichloroethylene	1	<1	2-Chlorotoluene	1	<1
Chloroform	1	<1	4-Chlorotoluene	1	<1
Bromochloromethane	1	<1	n-Butylbenzene	1	<1
1,1,1-Trichloroethane	1	<1	1/2/4-Trimethylbenzene	1	<1
1,1-Dichloropropane	1	<1	n-Butylbenzene	1	<1
Carbon Tetrachloride	1	<1	p-Isopropyltoluene	1	<1
1,2-Dichloroethane	1	<1	m-Dichlorobenzene	1	<1
* Trichloroethylene	1	<1	p-Dichlorobenzene	1	<1
1,2-Dichloropropane	1	<1	n-Butylbenzene	1	<1
Bromodichloromethane	1	<1	o-Dichlorobenzene	1	<1
Dibromomethane	1	<1	1/2/4-Trichlorobenzene	1	<1
o-1,3-Dichloropropane	1	<1	Hexachlorobutadiene	2	<2
c-1,3-Dichloropropane	1	<1	Naphthalene	1	<1
1,1,2-Trichloroethane	1	<1	1/2/3-Trichlorobenzene		
1,3-Dichloropropane	1	<1			
* TetraChloroethylene	1	<1			
Dibromochloromethane	1	<1			
1,2-Dibromomethane	1	<1			
1,1,1,2-Tetrachloroethane	1	<1			
Bromoform	1	<1			
1,1,2,2-Tetrachloroethane	1	<1			
1,2,3-Trichloropropane	1	<1			
1,2-Dibromo-3-Chloropropane	2	<2			

Comments:

MRC - MINIMUM REPORTABLE CONCENTRATION
NR - NO RESULT DUE TO TECHNICAL REASONS - RESAMPLE SUGGESTED
PPM - AIR - N/A WATE 1 - ug/l SOIL - ng/g

NA - NOT ANALYZED

JUL-25-1995 13:43
WATER MGMT. UNIT

NYS DEPT ENVIR CONE-REG 1
ID:516-571-5997

516 444 0251 P.01
JUL 29 95 10:02 AM 1995

Nassau County Department of Public Works
Cedar Creek Special Projects Laboratory
NYS ELAP ID# 10862
P.O.Box 88
Wantagh NY 11793

To: Rick Liebe
DPW - Water Management
Hickville, NY

Sample Location: N-01102

Date Sampled: 11/30/94

Date Submitted: 11/30/94

Time Sampled: 13:00

Time Submitted: 13:53

Sampled by: JD

Sample ID#: AA01298

Test Parameter	Test Result	Units	Detection Limit
Metals			
Cadmium, Total	BDL	mg/l	0.002
Chromium, Total	BDL	mg/l	0.004
Copper, Total	0.009	mg/l	0.003
Iron, Total	0.991	mg/l	0.003
Lead, Total	BDL	mg/l	0.045
Manganese, Total	0.032	mg/l	0.001
Silver, Total	BDL	mg/l	0.005
Zinc, Total	0.020	mg/l	0.002
Barium, Total	0.092	mg/l	0.001
Sodium, Total	20.7	mg/l	0.039
Mercury, Total	BDL	mg/l	0.001
Non-Metals			
pH	6.48		
Fluoride	BDL	mg/l	0.10
Chloride	77.5	mg/l	3.0
Ammonia as N	BDL	mg/l	0.10
Nitrite as N	BDL	mg/l	0.05
Nitrate as N	1.68	mg/l	0.05
Sulfate	60.7	mg/l	5.0
Total Dissolved Solids	361	mg/l	1.0
Specific Conductance	623	micromhos	0.5
Volatile Halocarbons			
Dichlorodifluoromethane	BDL	ppb	0.1
Chloromethane	BDL	ppb	0.1
Vinyl Chloride	BDL	ppb	0.1
Bromomethane & Chloroethane	BDL	ppb	0.1
Trichlorofluoromethane	BDL	ppb	0.1
1,1-Dichloroethylene	BDL	ppb	0.1
Methylene Chloride	BDL	ppb	0.1
1,2- <i>cis</i> -Dichloroethylene	BDL	ppb	0.1
1,1-Dichloroethane	BDL	ppb	0.1

Post-It™ brand fax transmittal memo 7671 # of pages 1

To	Frank Fendler
Co.	LORAL
Dept.	Env. Affairs
Phone #	610-648-2201
Fax #	610-648-2201

From: Garish Dean
Co. NYSDOT
Phone # 516-444-0443
Fax # 516-444-0373

JUL-25-1995 13:40
WATER MGMT. UNIT

NYS DEPT ENVIR CON-S-REG 1
104516-571-6994

516 444 0251 P.02
JUL 29 95 10:02 N.Y.001 P.03

Sample Location: N-01102

Date Sampled: 11/30/94

Time Sampled: 13:00

Sampled by: JD

Date Submitted: 11/30/94

Time Submitted: 13:53

Sample ID#: AA01298

Test Parameter	Test Result	Units	Detection Limit
2,2-Dichloropropane & c-1,2-Dichloroethane	BDL	ppb	0.1
Chloroform	BDL	ppb	0.1
Bromochloromethane	BDL	ppb	0.5
1,1,1-Trichloroethane	BDL	ppb	0.1
1,1-Dichloropropene	BDL	ppb	0.1
Carbon Tetrachloride	BDL	ppb	0.1
1,2-Dichloroethane	BDL	ppb	0.1
Trichloroethylene	BDL	ppb	0.1
1,2-Dichloropropane	BDL	ppb	0.1
Bromodichloromethane & Dibromomethane	BDL	ppb	0.5
c-1,3-Dichloropropene	BDL	ppb	0.1
t-1,3-Dichloropropene	BDL	ppb	0.1
1,1,2-Trichloroethane	BDL	ppb	0.1
1,3-Dichloropropane	BDL	ppb	0.1
Tetrachloroethylene	BDL	ppb	0.1
Dibromochloromethane	BDL	ppb	0.5
1,2-Dibromoethane	BDL	ppb	0.5
Chlorobenzene	BDL	ppb	0.1
1,1,1,2-Tetrachloroethane	BDL	ppb	0.1
Bromoform	BDL	ppb	0.5
1,1,2,2-Tetrachloroethane	BDL	ppb	0.1
1,2,3-Trichloropropane	BDL	ppb	0.1
Bromobenzene	BDL	ppb	0.5
1,2-Dibromo-3-Chloropropane	BDL	ppb	0.5
Volatile Aromatics			
Benzene	BDL	ppb	0.5
Toluene	BDL	ppb	1.0
Chlorobenzene	BDL	ppb	1.0
Ethyl Benzene	BDL	ppb	1.0
m,p-Xylene	BDL	ppb	1.0
o-Xylene	BDL	ppb	1.0
Styrene	BDL	ppb	1.0
Isopropylbenzene	BDL	ppb	1.0
n-Propyl- & Bromo- & 1,3,5-Trimethylbenzene	BDL	ppb	1.0
2-Chlorotoluene	BDL	ppb	1.0
4-Chlorotoluene	BDL	ppb	1.0
t-Butylbenzene	BDL	ppb	1.0
1,2,4-Trimethylbenzene	BDL	ppb	1.0
sec-Butylbenzene	BDL	ppb	1.0
p-Isopropyltoluene	BDL	ppb	1.0

JUL-25-1995 13:41
WATER MGMT. UNIT

NYS DEPT ENVIR CONE-REG 1
10-210-011-0391

516 444 0251 P.03

Sample Location: N-01102

Date Sampled: 11/30/94

Time Sampled: 13:00

Sampled by: JD

Date Submitted: 11/30/94

Time Submitted: 13:53

Sample ID#: AA01298

Test Parameter	Test Result	Units	Detection Limit
1,3-Dichlorobenzene	BDL	ppb	1.0
1,4-Dichlorobenzene	BDL	ppb	1.0
n-Butylbenzene	BDL	ppb	1.0
1,2-Dichlorobenzene	BDL	ppb	1.0
1,2,4-Trichlorobenzene	BDL	ppb	1.0
Hexachlorobutadiene	BDL	ppb	1.0
Naphthalene	BDL	ppb	1.0
1,2,3-Trichlorobenzene	BDL	ppb	1.0

Comments:

NAJAL COUNTY HEALTH DEPARTMENT
 CENTER FOR LABORATORIES AND RESEARCH
 ENVIRONMENTAL HEALTH LABORATORIES

TRADE ORGANICS

Accession Number: TR-95-00861
 Premise: Well# 8038 - Lake Success Golf Course, Lake Success
 Matrix: Private Well
 Site/Source: Outlet
 Date Sampled: 07/19/95
 Date of Report: 08/03/95

VOLATILE ORGANIC ANALYSIS

	MRC (ug/l)	RESULT (ug/l)		MRC (ug/l)	RESULT (ug/l)
Dichlorodifluoromethane	1	<1	Benzene	1	<1
Chloromethane	5	<5	Toluene	1	<1
Vinyl Chloride	1	<1	Chlorobenzene	1	<1
Bromomethane	1	1	Ethylbenzene	1	<1
Chloroethane	2	<2	m,p-Xylene	1	<1
Trichlorofluoromethane	1	<1	o-Xylene	1	<1
1,1-Dichloroethylene	1	<1	Styrene	1	<1
Methylene Chloride	1	<1	Isopropylbenzene	1	<1
1,1,2-Dichloroethylene	1	<1	n-Propylbenzene	1	<1
1,1-Dichloroethane	1	<1	Bromobenzene	1	<1
2,2-Dichloropropane	5	NR	1,3/5-Trimethylbenzene	1	<1
1,1,2,2-Tetrachloroethane	1	32	2-Chlorotoluene	1	<1
Chloroform	1	<1	4-Chlorotoluene	1	<1
Bromochloromethane	1	<1	t-Butylbenzene	1	<1
1,1,1-Trichloroethylene	1	<1	1,2/4-Trimethylbenzene	1	<1
1,1-Dichloropropane	1	<1	s-Butylbenzene	1	<1
Carbon Tetrachloride	1	<1	p-Isopropyltoluene	1	<1
1,2-Dichloroethane	1	<1	m-Dichlorobenzene	1	<1
Trichloroethylene	1	32	p-Dichlorobenzene	1	<1
1,2-Dichloropropane	1	<1	n-Butylbenzene	1	<1
Bromodichloromethane	1	<1	o-Dichlorobenzene	1	<1
Dibromomethane	1	<1	1,2/4-Trichlorobenzene	2	<2
c-1,3-Dichloropropene	1	<1	Hexachlorobutadiene	2	<2
t-1,3-Dichloropropene	1	<1	Naphthalene	4	<4
1,1,2-Trichloroethane	1	<1	1,2/3-Trichlorobenzene	4	<4
1,3-Dichloropropane	1	<1			
1,1,2,2-Tetrachloroethane	1	NR			
Dibromochloromethane	1	<1			
1,2-Dibromoethane	1	<1			
1,1,1,2-Tetrachloroethane	1	<1			
Bromoform	1	<1			
1,1,2,2-Tetrachloroethane	1	<1			
1,2,3-Trichloropropane	1	<1			
1,2-Dibromo-3-Chloropropane	1	<1			

Comments:

MRC - MINIMUM REPORTABLE CONCENTRATION NA - NOT ANALYZED
 NR - NO RESULT DUE TO TECHNICAL REASONS - RESAMPLE SUGGESTED
 PPA: AIR - ug/l WATER - ug/l SOIL - ng/g

NASSAU COUNTY HEALTH DEPARTMENT
CENTER FOR LABORATORIES AND RESEARCH
ENVIRONMENTAL HEALTH LABORATORIES

TRACE ORGANICS

Accession Number: 841220
Premise: Deepdale Golf Club - North Hills
Matrix: Private Wall
Site/Source: Well# 6636
Date Sampled: 12/28/84
Date of Report: 01/06/85

VOLATILE ORGANIC ANALYSIS

	MRC (ug/l)	RESULT (ug/l)		MRC (ug/l)	RESULT (ug/l)
Dichlorodifluoromethane	1	<1	Benzene	1	<1
Chloromethane	1	<1	Toluene	1	<1
Vinyl Chloride	1	<1	Chlorobenzene	1	<1
Bromomethane	1	<1	Ethylbenzene	1	<1
Chloroethane	2	<2	m/p-Xylene	1	<1
Trichlorofluoromethane	1	<1	o-Xylene	1	<1
1,1-Dichloroethylene	1	<1	Styrene	1	<1
Methylene Chloride	1	<1	Isopropylbenzene	1	<1
1,1,2-Dichloroethylene	1	<1	n-Propylbenzene	1	<1
1,1-Dichloroethane	1	<1	Bromobenzene	1	<1
2,2-Dichloropropane	5	NR	1/3/5-Trimethylbenzene	1	<1
o-1,2-Dichloroethylene	1	<1	2-Chlorotoluene	1	<1
Chloroform	1	<1	4-Chlorotoluene	1	<1
Bromochloromethane	1	<1	t-Butylbenzene	1	<1
1,1,1-Trichloroethane	1	<1	1/2/4-Trimethylbenzene	1	<1
1,1-Dichloropropene	1	<1	o-Butylbenzene	1	<1
Carbon Tetrachloride	1	<1	p-Isopropyltoluene	1	<1
1,2-Dichloroethane	1	<1	m-Dichlorobenzene	1	<1
Trichloroethylene	1	<1	p-Dichlorobenzene	1	<1
1,2-Dichloropropane	1	<1	n-Butylbenzene	1	<1
Bromodichloromethane	1	<1	o-Dichlorobenzene	1	<1
Dibromomethane	1	<1	1/2/4-Trichlorobenzene	1	<1
o-1,3-Dichloropropene	1	<1	Hexachlorobutadiene	1	<1
t-1,3-Dichloropropene	1	<1	Naphthalene	2	<2
1,1,2-Trichloroethane	1	<1	1/2/3-Trichlorobenzene	1	<1
1,3-Dichloropropane	1	<1			
Tetrachloroethylene	1	<1			
Dibromochloromethane	1	<1			
1,2-Dibromoethane	1	<1			
1,1,1,2-Tetrachloroethane	1	<1			
Bromoform	1	<1			
1,1,2,2-Tetrachloroethane	1	<1			
1,2,3-Trichloropropane	1	<1			
1,2-Dibromo-3-Chloropropane	2	<2			

Comments:

MRC - MINIMUM REPORTABLE CONCENTRATION
NR - NO RESULT DUE TO TECHNICAL REASONS - RESAMPLE SUGGESTED
PPB: AIR - n/a WATER - ug/l SOIL - ng/g

NASSAU COUNTY HEALTH DEPARTMENT
CENTER FOR LABORATORIES AND RESEARCH
ENVIRONMENTAL HEALTH LABORATORIES

TRACE ORGANICS

Accession Number: TR-95-00985
Premises: Well# 8970 - Bites Road & Cnty Univ. Lake Success
Matrix: Private Well
Site/Source: 0
Date Sampled: 07/20/95
Date of Report: 08/10/95

VOLATILE ORGANIC ANALYSIS

	MRC	RESULT		MRC	RESULT
	(ug/l)	(ug/l)		(ug/l)	(ug/l)
Dichlorodifluoromethane	1	<1	Benzene	1	<1
Chloromethane	5	<5	Toluene	1	<1
Vinyl Chloride	1	<1	Chlorobenzene	1	<1
Bromomethane	1	<1	Ethylbenzene	1	<1
Chloroethane	2	<2	m,p-Xylene	1	<1
Trichlorofluoromethane	1	<1	o-Xylene	1	<1
1,1-Dichloroethylene	1	<1	Styrene	1	<1
Methylene Chloride	1	<1	Isopropylbenzene	1	<1
1,1,2-Dichloroethylene	1	<1	n-Propylbenzene	1	<1
1,1-Dichloroethane	1	<1	Bromobenzene	1	<1
2,2-Dichloropropane	5	NR	1,3,5-Trimethylbenzene	1	<1
c-1,2-Dichloroethylene	1	<1	2-Chlorotoluene	1	<1
Chloroform	1	<1	4-Chlorotoluene	1	<1
Bromochloromethane	1	<1	n-Butylbenzene	1	<1
1,1,1-Trichloroethane	1	<1	1,2,4-Trimethylbenzene	1	<1
1,1-Dichloropropane	1	<1	s-Butylbenzene	1	<1
Carbon Tetrachloride	1	<1	p-Isopropyltoluene	1	<1
1,2-Dichloroethane	1	<1	m-Dichlorobenzene	1	<1
Trichloroethylene	1	<1	p-Dichlorobenzene	1	<1
1,2-Dichloropropane	1	<1	n-Butylbenzene	1	<1
Bromodichloromethane	1	<1	o-Dichlorobenzene	1	<1
Dibromomethane	1	<1	1,2,4-Trichlorobenzene	2	<2
c-1,3-Dichloropropene	1	<1	Hexachlorobutadiene	2	<2
c-1,3-Dichloropropene	1	<1	Naphthalene	4	<4
1,1,2-Trichloroethane	1	<1	1,2,3-Trichlorobenzene	4	<4
1,3-Dichloropropene	1	<1			
Tetrachloroethylene	1	7			
Dibromochloromethane	1	<1			
1,2-Dibromoethane	1	<1			
1,1,1,2-Tetrachloroethane	1	<1			
Bromoform	1	<1			
1,1,2,2-Tetrachloroethane	1	<1			
1,2,3-Trichloropropane	1	<1			
1,2-Dibromo-3-Chloropropane	1	<1			

Comments:

MRC - MINIMUM REPORTABLE CONCENTRATION NA - NOT ANALYZED
NR - NO RESULT DUE TO TECHNICAL REASONS - RESAMPLE SUGGESTED
PPB: AIR M/L WATER - ug/l SOIL - ug/g

Wantagh NY 11793

Sample ID#: AA02345

1,1-Dichloroethane

Date Sampled: 07/19/95

Date Submitted: 07/20/95

Time Sampled: 14:35

Time Submitted: 07:56

Sampled by: PM/JD

Sample ID#: AA02345

Test Parameter	Test Result	Units	Detection Limit
2,2-Di2Propano & c-1,2-Di2Ethene	BDL	ppb	0.1
Chloroform	BDL	ppb	0.1
Bromochloromethane	BDL	ppb	0.5
1,1,1-Trichloroethane	BDL	ppb	0.1
1,1-Dichloropropene	BDL	ppb	0.1
Carbon Tetrachloride	BDL	ppb	0.1
1,2-Dichloroethane	BDL	ppb	0.1
Trichloroethylene	BDL	ppb	0.1
1,2-Dichloropropane	BDL	ppb	0.1
Bromodichloromethane & Dibromomethane	BDL	ppb	0.1
c-1,3-Dichloropropene	BDL	ppb	0.5
t-1,3-Dichloropropene	BDL	ppb	0.1
1,1,2-Trichloroethane	BDL	ppb	0.1
1,3-Dichloropropane	BDL	ppb	0.1
Tetrachloroethylene	BDL	ppb	0.1
Dibromochloromethane	BDL	ppb	0.1
1,2-Dibromoethane	BDL	ppb	0.5
Chlorobenzene	BDL	ppb	0.5
1,1,1,2-Tetrachloroethane	BDL	ppb	0.1
Bromoform	BDL	ppb	0.1
1,1,2,2-Tetrachloroethane	BDL	ppb	0.5
1,2,3-Trichloropropane	BDL	ppb	0.1
Bromobenzene	BDL	ppb	0.1
1,2-Dibromo-3-Chloropropane	BDL	ppb	0.5
		ppb	0.5
Volatile Aromatics			
Benzene	BDL	ppb	0.5
Toluene	BDL	ppb	1.0
Chlorobenzene	BDL	ppb	1.0
Ethyl Benzene	BDL	ppb	1.0
m,p-Xylene	BDL	ppb	1.0
o-Xylene	BDL	ppb	1.0
Styrene	BDL	ppb	1.0
Isopropylbenzene	BDL	ppb	1.0
n-Propyl-&Bromo-&1,3,5-Trimethylbenzene	BDL	ppb	1.0
2-Chlorotoluene	BDL	ppb	1.0
4-Chlorotoluene	BDL	ppb	1.0
t-Butylbenzene	BDL	ppb	1.0
1,2,4-Trimethylbenzene	BDL	ppb	1.0
sec-Butylbenzene	BDL	ppb	1.0
p-Isopropyltoluene	BDL	ppb	1.0

SEP 11 '95 08:55 MYS ENV. CONS. T...

126 117 1 17121 121 P.6 P.01

Sample Location: No. 2

Date Sampled: 07/19/95

Time Sampled: 14:35

Sampled by: PM, ID

Date Submitted: 07/20/95

Time Submitted: 07:56

Sample ID#: AA02345

Test Parameter	Test Result	Units	Detection Limit
1,3-Dichlorobenzene	BDL	ppb	1.0
1,4-Dichlorobenzene	BDL	ppb	1.0
n-Butylbenzene	BDL	ppb	1.0
1,2-Dichlorobenzene	BDL	ppb	1.0
1,2,4-Trichlorobenzene	BDL	ppb	1.0
Hexachlorobutadiene	BDL	ppb	1.0
Naphthalene	BDL	ppb	1.0
1,2,3-Trichlorobenzene	BDL	ppb	1.0

Comments:



Inchcape Testing Services

Aquatec Laboratories

Laboratory Locations
55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

150 Herman Melville Boulevard
New Bedford, MA 02740

Analytical Report

Date: 03 October 1995
Aquatec Lab No.: 272445
ETR No.: 54040 ; Project No.: 94200; Job: Great Neck
Sample Received On: 28 September 1995; Analyzed On: 29 September 1995
Sample Identification: Loral Defense Systems, water sample labeled 16ML,
09/25/95 at 1800 hours.

Volatile Organic Compounds in ug/l EPA Method 8240

benzene	5 U	chloromethane	10 U
carbon tetrachloride	5 U	bromomethane	10 U
chlorobenzene	5 U	bromoform	5 U
1,2-dichloroethane	5 U	bromodichloromethane	5 U
1,1,1-trichloroethane	5 U	dibromochloromethane	5 U
1,1-dichloroethane	5 U	tetrachloroethene	5
1,1,2-trichloroethane	5 U	toluene	5
1,1,2,3-tetrachloroethane	5 U	trichloroethene	16
chloroethane	10 U	vinyl chloride	10 U
chloroform	5 U	acetone	10 U
1,1-dichloroethene	5 U	2-butanone	23
1,2-dichloroethenes	21*	carbon disulfide	21
1,2-dichloropropene	5 U	2-hexanone	10 U
trans-1,3-dichloropropene	5 U	4-methyl-2-pentanone	10 U
cis-1,3-dichloropropene	5 U	styrene	5 U
ethylbenzene	5 U	vinyl acetate	10 U
methylene chloride	5 U	total xylenes	5 U

* The cis isomer.

Summary of Surrogate Recoveries

	<u>2 Rec</u>
1,2-dichloroethane-d ₄	100
toluene-d ₈	91
p-bromofluorobenzene	88

Key to the letters used to qualify the results of the analysis.

- U - The compound was analyzed for but not detected. The number is the method specified reporting limit.
- J - The mass spectrum indicates the presence of the compound, but the calculated result is less than the method specified reporting limit.
- B - The compound was present in the method blank. The result reported here is not blank corrected.

APPENDIX D

ANALYTICAL DATA

Due to size Appendix D is not included in this copy of the report. Appendix D is included as an attachment to the report.

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
LORAL DEFENSE SYSTEMS - EAST
GREAT NECK, NEW YORK FACILITY

NYSDEC ID NO. 130045

December 1995

APPENDIX D
ANALYTICAL DATA

SAMPLE DATA SUMMARY PACKAGE

LAB CODE: AQUAI

CASE NO.: 94200

SDG NO.: 53031

CONTRACT NO.: 94200



INCHCAPE TESTING SERVICES
AQUATEC LABORATORIES



Inchcape Testing Services

Aquatec Laboratories

55 South Park Drive
Colchester, VT 05446
Tel. 802-655-1203
Fax 802-655-1248

September 20, 1995

Mr. Frank Fendler
Loral Defense Systems
P.O. Box 517
Paoli, PA 19301

Re: Analytical Results
ITS-Aquatec Project No. 94200
Site: Great Neck; Rel. #1
Case No. 94200; SDG No. 53031

Dear Mr. Fendler:

Enclosed are the results of analyses performed on samples received from Unisys Corporation. The samples were received intact on August 11 1995. Laboratory numbers were assigned to the samples which are designated as follows:

<u>Client</u> <u>Sample ID</u>	<u>Laboratory</u> <u>Number</u>	<u>Sample</u> <u>Matrix</u>
-----------------------------------	------------------------------------	--------------------------------

Samples Received on August 11, 1995
ETR No. 53031

BKGRD1	267114	Soil
FB	267115	Water
LS-1S	267116	Soil
LS-1DUPS	267117	Soil
LS-1W	267118	Water
LS-1DUPW	267119	Water
LS-2S	267120	Soil
LS-2W	267121	Water
LS-2WMS	267121MS	Water
LS-2WMSD	267121MD	Water
LS-3S	267122	Soil
LS-3W	267123	Water
RecRoom1	267124	Soil
SGG314	267125	Soil
SGG420	267126	Soil
SGG420MS	267126MS	Soil
SGG420MSD	267126MD	Soil
SGG420REP	267126DP	Soil
WDryWell	267127	Soil
TB	267128	Water

Mr. Frank Fendler
September 20, 1995
Page 2

The total organic carbon analyses of the samples labeled BKGRD1, SGG420 and WDryWell occurred one day beyond holding time.

In the metals analysis, the matrix spike recoveries of sample SGG420 for antimony and copper were outside the established control limits. The data has been flagged according to the Statement of Work specifications.

In the original volatile organic analysis of sample RecRoom1, the analyte tetrachloroethene was detected above the calibration range. This analysis also exhibited low internal standard responses. The sample was reanalyzed at a dilution. Both the original and dilution analyses have been submitted. In the original analysis, xylenes were detected, but the xylenes were diluted out in the reanalysis.

In the pesticide and polychlorinated biphenyl analyses, peak height was used for quantitation of most compounds on both columns, except for tetrachloro-m-xylene and decachlorobiphenyl which used peak area. Hydrogen was used as a carrier gas.

The pesticide extracts of samples SGG314, SGG420, SGG420MS and SGG420MSD exhibited low decachlorobiphenyl surrogate recoveries. Please note the surrogate recoveries are advisory and no re-extractions occurred.

It should also be noted that the surrogate, tetrachloro-m-xylene in the check standard labeled INDBMD3 exhibited a relative percent difference (RPD) of 25.5 which slightly exceeded the established limit of 25.

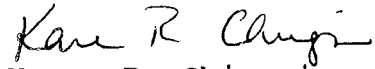
Additional qualifiers were used in the reporting of the organic analyses. They have been defined as follows:

- X = The reported compound was suspected laboratory contamination, its presence in the sample was unlikely.
- Y = The value was an estimated concentration quantitated from a response which exceeded the calibration range.
- Z = The reported result was based on the combined response from coeluting compounds.

Mr. Frank Fendler
September 20, 1995
Page 3

If there are any questions regarding this submittal, please
contact Lori Arnold at (802) 655-1203.

Sincerely,



Karen R. Chirgwin
Laboratory Operations Director

Enclosure

cc: Brian Macrae

94200B23AUG95

007A



Inchcape Testing Services

Aquatec Laboratories

Laboratory Locations
55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

150 Herman Melville Boulevard
New Bedford, MA 02740

Analytical Report

Loral Defense Systems
P.O. Box 517
Paoli, PA 19301

Date : 09/08/95
ETR Number : 53031
Project No.: 94200
No. Samples: 23
Arrived : 08/11/95
P.O. Number: 5076

Attention : Frank Fendler

Page 1

CC Results to : Brian Macrae

Case:94200 SDG:53031 Great NeckREL1

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020,
Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
267114	BKGRD1:08/09/95 (Soil)	
	IN623 Solids, Total	92.7 c
	IN847 TOC by Lloyd Kahn	48300 f
267125	SGG314:08/09/95 (Soil)	
	IN623 Solids, Total	86.4 c
267126	SGG420:08/09/95 (Soil)	
	IN623 Solids, Total	93.7 c
	IN847 TOC by Lloyd Kahn	34300 f
267127	WDryWell1:08/09/95 (Soil)	
	IN623 Solids, Total	93.9 c
	IN847 TOC by Lloyd Kahn	12400 f
267126MS	SGG420MS:[MS]08/09/95 (Soil)	
	IN623 Solids, Total	93.7 c
	IN847 TOC by Lloyd Kahn	79100 f
267126MD	SGG420MSD:[MSD]08/09/95 (Soil)	
	IN623 Solids, Total	93.7 c
267126DP	SGG420REP:[REP]08/09/95 (Soil)	
	IN623 Solids, Total	93.6 c
	IN847 TOC by Lloyd Kahn	37500 f

Comments/Notes

c = %W/W as received
f = mg/Kg dry weight

< Last Page >

Submitted By :

Aquatec Inc.

Inchcape Testing Services
Aquatec Laboratories

Quality Control Summary

Project No.: 95208 ETR No.: 53031 SDG No.: 53031 Units: mg/L

Parameter	Method Preparation Blank	Laboratory Control Sample Found Value	Laboratory Control Sample True Value	Laboratory Control Sample % Recovery
TOC by Lloyd Kahn (mg/kg)	<100	705100	710900	99.2

Inchcape Testing Services
Aquatec Laboratories

Quality Control Summary

Project No.: 95208 ETR No.: 53031 SDG No.: 53031 Units: mg/Kg

Matrix spike and duplicate analysis sample no.: 267126

Parameter	Matrix Spike Sample Result	Sample Result	Duplicate Result	%RPD	Spike Added	% Recovery
TOC by Lloyd Kahn	79100	34300	37500	8.9	48300	92.8

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

SOW No.: ILM02.1

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

BKGRD1

Lab Name: ITS_AQUATEC_LABORATORIES_ Contract: 95208_

Lab Code: AQUAI_ Case No.: 94200_ SAS No.: _ SDG No.: 53031_

Matrix (soil/water): SOIL_

Lab Sample ID: 267114

Level (low/med): LOW_

Date Received: 08/11/95

% Solids: _92.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21100	—	—	P
7440-36-0	Antimony	0.83	B	N	P
7440-38-2	Arsenic	8.8	—	—	P
7440-39-3	Barium	63.9	—	—	P
7440-41-7	Beryllium	0.77	B	—	P
7440-43-9	Cadmium	0.04	U	—	P
7440-70-2	Calcium	316	B	—	P
7440-47-3	Chromium	23.9	—	—	P
7440-48-4	Cobalt	7.0	B	—	P
7440-50-8	Copper	37.2	—	N	P
7439-89-6	Iron	25000	—	—	P
7439-92-1	Lead	82.3	—	—	P
7439-95-4	Magnesium	2290	—	—	P
7439-96-5	Manganese	379	—	—	P
7439-97-6	Mercury	0.06	B	—	CV
7440-02-0	Nickel	28.5	—	—	P
7440-09-7	Potassium	486	B	—	P
7782-49-2	Selenium	0.83	B	—	P
7440-22-4	Silver	0.29	U	—	P
7440-23-5	Sodium	50.6	U	—	P
7440-28-0	Thallium	1.1	B	—	P
7440-62-2	Vanadium	50.9	—	—	P
7440-66-6	Zinc	55.7	—	—	P
	Cyanide	0.53	U	—	AS

Color Before: BROWN_ Clarity Before: _ Texture: MEDIUM

Color After: YELLOW_ Clarity After: CLEAR_ Artifacts: YES_

Comments:

ROOTS_WERE_PRESENT_IN_SAMPLE_

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SGG314

Lab Name: ITS_AQUATEC_LABORATORIES_ Contract: 95208_

Lab Code: AQUAI_ Case No.: 94200_ SAS No.: _ SDG No.: 53031_

Matrix (soil/water): SOIL_ Lab Sample ID: 267125

Level (low/med): LOW_ Date Received: 08/11/95

% Solids: _86.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15900	—	—	P
7440-36-0	Antimony	0.78	B	N	P
7440-38-2	Arsenic	24.9	—	—	P
7440-39-3	Barium	69.9	—	—	P
7440-41-7	Beryllium	0.66	B	—	P
7440-43-9	Cadmium	0.07	B	—	P
7440-70-2	Calcium	9440	—	—	P
7440-47-3	Chromium	20.4	—	—	P
7440-48-4	Cobalt	6.7	B	—	P
7440-50-8	Copper	217	—	N	P
7439-89-6	Iron	22900	—	—	P
7439-92-1	Lead	69.9	—	—	P
7439-95-4	Magnesium	6300	—	—	P
7439-96-5	Manganese	594	—	—	P
7439-97-6	Mercury	0.26	—	—	CV
7440-02-0	Nickel	18.1	—	—	P
7440-09-7	Potassium	657	B	—	P
7782-49-2	Selenium	1.1	—	—	P
7440-22-4	Silver	0.27	U	—	P
7440-23-5	Sodium	46.7	U	—	P
7440-28-0	Thallium	0.84	B	—	P
7440-62-2	Vanadium	29.3	—	—	P
7440-66-6	Zinc	109	—	—	P
	Cyanide	0.49	U	—	AS

Color Before: BROWN_ Clarity Before: _ Texture: MEDIUM

Color After: YELLOW_ Clarity After: CLEAR_ Artifacts: _

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SGG420

Lab Name: ITS_AQUATEC_LABORATORIES_ Contract: 95208_

Lab Code: AQUAI_ Case No.: 94200_ SAS No.: _____ SDG No.: 53031_

Matrix (soil/water): SOIL_ Lab Sample ID: 267126

Level (low/med): LOW_ Date Received: 08/11/95

% Solids: _93.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15800	—	—	P
7440-36-0	Antimony	0.88	B	N	P
7440-38-2	Arsenic	7.2	—	—	P
7440-39-3	Barium	73.5	—	—	P
7440-41-7	Beryllium	0.62	B	—	P
7440-43-9	Cadmium	0.04	U	—	P
7440-70-2	Calcium	1060	—	—	P
7440-47-3	Chromium	24.6	—	—	P
7440-48-4	Cobalt	7.2	B	—	P
7440-50-8	Copper	47.8	—	N	P
7439-89-6	Iron	20300	—	—	P
7439-92-1	Lead	86.1	—	—	P
7439-95-4	Magnesium	2160	—	—	P
7439-96-5	Manganese	683	—	—	P
7439-97-6	Mercury	0.09	B	—	CV
7440-02-0	Nickel	19.0	—	—	P
7440-09-7	Potassium	846	B	—	P
7782-49-2	Selenium	0.68	B	—	P
7440-22-4	Silver	0.31	U	—	P
7440-23-5	Sodium	203	B	—	P
7440-28-0	Thallium	0.73	U	—	P
7440-62-2	Vanadium	39.3	—	—	P
7440-66-6	Zinc	60.7	—	—	P
	Cyanide	0.53	U	—	AS

Color Before: BROWN_ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW_ Clarity After: CLEAR_ Artifacts: YES_

Comments:

ROOTS_WERE_PRESENT_IN_SAMPLE_

U.S. EPA - CLP

3
BLANKS

Lab Name: ITS_AQUATEC_LABORATORIES_ Contract: 95208_

Lab Code: AQUAI_ Case No.: 94200_ SAS No.: _ SDG No.: 53031_

Preparation Blank Matrix (soil/water): SOIL_

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Prepa- ration Blank	C	M
			1	C	2	C	3	C			
Aluminum	12.2	U	12.2	U	12.2	U	12.2	U	1.891	U	P
Antimony	2.4	U	2.4	U	2.4	U	2.4	U	0.372	U	P
Arsenic	2.1	U	2.1	U	2.1	U	2.1	U	0.326	U	P
Barium	3.2	U	3.2	U	3.2	U	3.2	U	0.496	U	P
Beryllium	0.1	U	0.1	U	0.1	U	0.1	U	0.011	U	P
Cadmium	0.2	U	0.2	U	0.2	U	0.2	U	0.031	U	P
Calcium	74.6	U	74.6	U	74.6	U	74.6	U	11.566	U	P
Chromium	1.3	U	1.3	U	1.3	U	1.3	U	0.202	U	P
Cobalt	0.8	U	0.8	U	0.8	U	0.8	U	0.124	U	P
Copper	1.1	U	1.1	U	1.1	U	1.1	U	0.171	U	P
Iron	24.3	U	24.3	U	24.3	U	24.3	U	3.767	U	P
Lead	1.7	U	1.7	U	1.7	U	1.7	U	0.264	U	P
Magnesium	68.8	U	68.8	U	68.8	U	68.8	U	10.667	U	P
Manganese	0.3	U	0.3	U	0.3	U	0.3	U	0.047	U	F
Mercury	0.1	U	0.1	U	0.1	U			0.040	U	CV
Nickel	1.6	U	1.6	U	1.6	U	1.6	U	0.248	U	P
Potassium	38.9	U	38.9	U	38.9	U	38.9	U	6.031	U	P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U	0.465	U	P
Silver	1.5	U	1.5	U	1.5	U	1.5	U	0.233	U	P
Sodium	260.1	U	260.1	U	260.1	U	260.1	U	40.326	U	P
Thallium	3.5	U	3.5	U	3.5	U	3.5	U	0.543	U	P
Vanadium	1.1	U	1.1	U	1.1	U	1.1	U	0.171	U	P
Zinc	0.4	B	1.0	B	1.0	B	0.8	B	-0.116	B	P
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	0.791	U	AS

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SGG420S

Lab Name: ITS_AQUATEC_LABORATORIES_ Contract: 95208_

Lab Code: AQUAI_ Case No.: 94200_ SAS No.: _ SDG No.: 53031_

Matrix (soil/water): SOIL_ Level (low/med): LOW_

% Solids for Sample: _93.7

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum							NR
Antimony	75-125	32.9365	0.8778 B	82.10	39.0	N	P
Arsenic	75-125	12.9612	7.1826	6.57	88.0		P
Barium	75-125	381.2495	73.5460	328.38	93.7		P
Beryllium	75-125	8.7037	0.6186 B	8.21	98.5		P
Cadmium	75-125	7.9681	0.0414 U	8.21	97.1		P
Calcium							NR
Chromium	75-125	53.6738	24.5775	32.84	88.6		P
balt	75-125	86.9058	7.2386 B	82.10	97.0		P
Copper	75-125	78.4829	47.8080	41.05	74.7	N	P
Iron							NR
Lead		72.6870	86.0835	3.28	-408.4		P
Magnesium							NR
Manganese		672.8512	682.6165	82.10	-11.9		P
Mercury	75-125	0.3687	0.0864 B	0.32	88.2		CV
Nickel	75-125	94.5735	18.9844	82.10	92.1		P
Potassium							NR
Selenium	75-125	2.3299	0.6770 B	1.64	100.8		P
Silver	75-125	7.9090	0.3108 U	8.21	96.3		P
Sodium							NR
Thallium	75-125	8.4689	0.7253 U	8.21	103.2		P
Vanadium	75-125	114.7032	39.2909	82.10	91.9		P
Zinc	75-125	130.7774	60.6770	82.10	85.4		P
Cyanide	75-125	25.5607	0.5336 U	25.46	100.4		AS

Comments:

ROOTS_WERE_PRESENT_IN_SAMPLE_

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

SGG420D

Lab Name: ITS_AQUATEC_LABORATORIES_ Contract: 95208_

Lab Code: AQUAI_ Case No.: 94200_ SAS No.: _ SDG No.: 53031_

Matrix (soil/water): SOIL_ Level (low/med): _LOW_

% Solids for Sample: _93.7 % Solids for Duplicate: _93.6

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		15755.7170		14629.3408		7.4		P
Antimony		0.8778	B	0.6461	B	30.4		P
Arsenic	2.1	7.1826		6.5881		8.6		P
Barium	41.4	73.5460		72.6952		1.2		P
Beryllium		0.6186	B	0.6011	B	2.9		P
Cadmium		0.0414	U	0.0410	U			P
Calcium	1036.2	1062.8840		1038.0921		2.4		P
Chromium		24.5775		27.1529		10.0		P
Cobalt		7.2386	B	7.0068	B	3.3		P
Copper		47.8080		40.9244		15.5		P
Iron		20260.9029		18871.6033		7.1		P
Lead		86.0835		94.8198		9.7		P
Magnesium	1036.2	2155.1947		2042.3200		5.4		P
Manganese		682.6165		648.3458		5.1		P
Mercury		0.0864	B	0.0944		8.8		CV
Nickel	8.3	18.9844		17.9911		5.4		P
Potassium		845.7067	B	759.7898	B	10.7		P
Selenium		0.6770	B	0.7916	B	15.6		P
Silver		0.3108	U	0.3079	U			P
Sodium		202.8577	B	224.9405	B	10.3		P
Thallium		0.7253	U	0.9252	B	200.0		P
Vanadium	10.4	39.2909		36.1629		8.3		P
Zinc		60.6770		55.2705		9.3		P
Cyanide		0.5336	U	0.5221	U			AS

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

Lab Name: ITS_AQUATEC_LABORATORIES_ Contract: 95208_

Lab Code: AQUAI_ Case No.: 94200_ SAS No.: _ SDG No.: 53031_

Solid LCS Source: ERA222+219_

Aqueous LCS Source: _

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum				3740.0	4078.8		1680.0	5800.0
Antimony				98.9	138.6		29.7	394.0
Arsenic				349.0	391.9		171.0	520.0
Barium				111.0	105.1		18.9	205.0
Beryllium				34.7	39.2		22.2	48.6
Cadmium				46.9	51.3		24.4	67.6
Calcium				2970.0	3075.0		1870.0	4190.0
Chromium				115.0	131.2		62.3	163.0
Cobalt				191.0	209.6		115.0	272.0
Copper				88.1	93.5		50.2	128.0
Iron				7890.0	7315.4		4020.0	11700.0
Lead				52.4	54.0		27.8	74.4
Magnesium				2850.0	3113.5		1710.0	4100.0
Manganese				151.0	157.3		101.0	204.0
Mercury				13.1	11.7		6.3	20.5
Nickel				89.7	100.1		49.3	131.0
Potassium				2790.0	3573.1		1730.0	3680.0
Selenium				185.0	199.2		96.3	276.0
Silver				154.0	98.4		69.4	225.0
Sodium				1220.0	1181.2		683.0	1770.0
Thallium				49.9	56.2		24.9	74.8
Vanadium				44.4	46.0		27.1	61.7
Zinc				101.0	98.7		52.5	150.0
Cyanide				117.0	201.0		49.0	191.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-1S

Lab Name: AQUATEC, INC.

Contract: 95208-

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267116

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

Lab File ID: 0267116V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 89

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3-----	Chloromethane	91	U
74-83-9-----	Bromomethane	91	U
75-01-4-----	Vinyl Chloride	91	U
75-00-3-----	Chloroethane	91	U
75-09-2-----	Methylene Chloride	91	U
67-64-1-----	Acetone	350	
75-15-0-----	Carbon Disulfide	14	J
75-35-4-----	1,1-Dichloroethene	91	U
75-34-3-----	1,1-Dichloroethane	91	U
540-59-0-----	1,2-Dichloroethene (total)	91	U
67-66-3-----	Chloroform	91	U
107-06-2-----	1,2-Dichloroethane	91	U
78-93-3-----	2-Butanone	120	
71-55-6-----	1,1,1-Trichloroethane	91	U
56-23-5-----	Carbon Tetrachloride	91	U
75-27-4-----	Bromodichloromethane	91	U
78-87-5-----	1,2-Dichloropropane	91	U
10061-01-5-----	cis-1,3-Dichloropropene	91	U
79-01-6-----	Trichloroethene	91	U
124-48-1-----	Dibromochloromethane	91	U
79-00-5-----	1,1,2-Trichloroethane	91	U
71-43-2-----	Benzene	91	U
10061-02-6-----	trans-1,3-Dichloropropene	91	U
75-25-2-----	Bromoform	91	U
108-10-1-----	4-Methyl-2-Pentanone	91	U
591-78-6-----	2-Hexanone	91	U
127-18-4-----	Tetrachloroethene	91	U
79-34-5-----	1,1,2,2-Tetrachloroethane	91	U
108-88-3-----	Toluene	91	U
108-90-7-----	Chlorobenzene	91	U
100-41-4-----	Ethylbenzene	91	U
100-42-5-----	Styrene	91	U
1330-20-7-----	Xylene (total)	91	U

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-1S

Lab Name: AQUATEC, INC.

Contract: 95208.

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267116

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

Lab File ID: 0267116V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 89

Date Analyzed: 08/16/95

GC Column:CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.

COMPOUND

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

Q

75-71-8-----Dichlorodifluoromethane_____	91	U
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LS-1S

Lab Name: AQUATEC, INC.

Contract: 95208-

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267116

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

Lab File ID: 0267116V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 89

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 463-58-1	Carbonyl sulfide	2.234	75	NJ
2.				
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-1DUPS

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267117

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

Lab File ID: 0267117V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 86

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3-----	Chloromethane	71	U
74-83-9-----	Bromomethane	71	U
75-01-4-----	Vinyl Chloride	71	U
75-00-3-----	Chloroethane	71	U
75-09-2-----	Methylene Chloride	71	U
67-64-1-----	Acetone	270	
75-15-0-----	Carbon Disulfide	71	U
75-35-4-----	1,1-Dichloroethene	71	U
75-34-3-----	1,1-Dichloroethane	71	U
540-59-0-----	1,2-Dichloroethene (total)	71	U
67-66-3-----	Chloroform	71	U
107-06-2-----	1,2-Dichloroethane	71	U
78-93-3-----	2-Butanone	90	
71-55-6-----	1,1,1-Trichloroethane	71	U
56-23-5-----	Carbon Tetrachloride	71	U
75-27-4-----	Bromodichloromethane	71	U
78-87-5-----	1,2-Dichloropropane	71	U
10061-01-5-----	cis-1,3-Dichloropropene	71	U
79-01-6-----	Trichloroethene	71	U
124-48-1-----	Dibromochloromethane	71	U
79-00-5-----	1,1,2-Trichloroethane	71	U
71-43-2-----	Benzene	71	U
10061-02-6-----	trans-1,3-Dichloropropene	71	U
75-25-2-----	Bromoform	71	U
108-10-1-----	4-Methyl-2-Pentanone	71	U
591-78-6-----	2-Hexanone	71	U
127-18-4-----	Tetrachloroethene	71	U
79-34-5-----	1,1,2,2-Tetrachloroethane	71	U
108-88-3-----	Toluene	71	U
108-90-7-----	Chlorobenzene	71	U
100-41-4-----	Ethylbenzene	71	U
100-42-5-----	Styrene	71	U
1330-20-7-----	Xylene (total)	71	U

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-1DUPS

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267117

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

Lab File ID: 0267117V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 86

Date Analyzed: 08/16/95

GC Column:CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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75-71-8-----Dichlorodifluoromethane_____	71	U
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LS-1DUPS

Lab Name: AQUATEC, INC.

Contract: 95208.

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267117

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

Lab File ID: 0267117V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 86

Date Analyzed: 08/16/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 463-58-1	Carbonyl sulfide	2.234	52	NJ
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-1W

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267118

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

Lab File ID: L267118V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
67-64-1	Acetone	2	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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-1W

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267118

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

Lab File ID: L267118V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

75-71-8-----Dichlorodifluoromethane_____	10	U
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LS-1W

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267118

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

Lab File ID: L267118V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-1DUPW

Lab Name: AQUATEC, INC.

Contract: 95208.

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267119

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

Lab File ID: L267119V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-1DUPW

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267119

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

Lab File ID: L267119V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

75-71-8-----Dichlorodifluoromethane_____	10	U
--	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LS-1DUPW

Lab Name: AQUATEC, INC.

Contract: 95208 .

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267119

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

Lab File ID: L267119V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-2S

Lab Name: AQUATEC, INC.

Contract: 95208 .

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267120

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

Lab File ID: 0267120V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 36 .

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3-----	Chloromethane	16	U
74-83-9-----	Bromomethane	16	U
75-01-4-----	Vinyl Chloride	16	U
75-00-3-----	Chloroethane	16	U
75-09-2-----	Methylene Chloride	16	U
67-64-1-----	Acetone	58	
75-15-0-----	Carbon Disulfide	16	U
75-35-4-----	1,1-Dichloroethene	16	U
75-34-3-----	1,1-Dichloroethane	16	U
540-59-0-----	1,2-Dichloroethene (total)	16	U
67-66-3-----	Chloroform	16	U
107-06-2-----	1,2-Dichloroethane	16	U
78-93-3-----	2-Butanone	18	
71-55-6-----	1,1,1-Trichloroethane	16	U
56-23-5-----	Carbon Tetrachloride	16	U
75-27-4-----	Bromodichloromethane	16	U
78-87-5-----	1,2-Dichloropropane	16	U
10061-01-5-----	cis-1,3-Dichloropropene	16	U
79-01-6-----	Trichloroethene	16	U
124-48-1-----	Dibromochloromethane	16	U
79-00-5-----	1,1,2-Trichloroethane	16	U
71-43-2-----	Benzene	16	U
10061-02-6-----	trans-1,3-Dichloropropene	16	U
75-25-2-----	Bromoform	16	U
108-10-1-----	4-Methyl-2-Pentanone	16	U
591-78-6-----	2-Hexanone	16	U
127-18-4-----	Tetrachloroethene	16	U
79-34-5-----	1,1,2,2-Tetrachloroethane	16	U
108-88-3-----	Toluene	16	U
108-90-7-----	Chlorobenzene	16	U
100-41-4-----	Ethylbenzene	16	U
100-42-5-----	Styrene	16	U
1330-20-7-----	Xylene (total)	16	U

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-2S

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267120

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

Lab File ID: 0267120V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 36

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

75-71-8-----Dichlorodifluoromethane	16	U
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LS-2S

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267120

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

Lab File ID: 0267120V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 36

Date Analyzed: 08/16/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-2W

Lab Name: AQUATEC, INC.

Contract: 95208.

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267121

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

Lab File ID: L267121V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-2W

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267121

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

Lab File ID: L267121V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

75-71-8-----Dichlorodifluoromethane_____	10	U
--	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LS-2W

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267121

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

Lab File ID: L267121V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-3S

Lab Name: AQUATEC, INC.

Contract: 95208 .

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267122

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

Lab File ID: 0267122V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 25

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl Chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene Chloride	13	U
67-64-1-----	Acetone	9	J
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	13	U
540-59-0-----	1,2-Dichloroethene (total)	13	U
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	13	U
71-55-6-----	1,1,1-Trichloroethane	13	U
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
10061-01-5-----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	13	U
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6-----	trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-Pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	13	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-88-3-----	Toluene	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7-----	Xylene (total)	13	U

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-3S

Lab Name: AQUATEC, INC.

Contract: 95208 .

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267122

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

Lab File ID: 0267122V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 25

Date Analyzed: 08/16/95

GC Column:CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.

COMPOUND

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

Q

75-71-8-----Dichlorodifluoromethane_____

13

U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LS-3S

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267122

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

Lab File ID: 0267122V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 25

Date Analyzed: 08/16/95

GC Column:CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-3W

Lab Name: AQUATEC, INC.

Contract: 95208 .

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267123

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

Lab File ID: L267123V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-3W

Lab Name: AQUATEC, INC.

Contract: 95208 .

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267123

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

Lab File ID: L267123V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

75-71-8-----Dichlorodifluoromethane	10	U
-------------------------------------	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LS-3W

Lab Name: AQUATEC, INC.

Contract: 95208.

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267123

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: L267123V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BKGRD1

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267114

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

Lab File ID: 0267114I3V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 7

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
67-64-1-----	Acetone	6	J
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BKGRD1

Lab Name: AQUATEC, INC.

Contract: 95208-

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267114

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

Lab File ID: 0267114I3V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 7

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

75-71-8-----Dichlorodifluoromethane	11	U
-------------------------------------	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BKGRD1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267114

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

Lab File ID: 0267114I3V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 7

Date Analyzed: 08/17/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267115

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

Lab File ID: L267115V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: AQUATEC, INC.

Contract: 95208 -

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267115

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

Lab File ID: L267115V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

75-71-8-----Dichlorodifluoromethane_____	10	U
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267115

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

Lab File ID: L267115V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RecRoom1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267124

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

Lab File ID: 0267124V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 2

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

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	10	U
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	22	
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	530	E
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)	4	J

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RecRoom1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267124

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

Lab File ID: 0267124V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 2

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

75-71-8-----Dichlorodifluoromethane_____

10

U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RecRoom1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267124

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

Lab File ID: 0267124V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 2

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 556-67-2	Cyclotetrasiloxane, octameth	12.458	58	NJ
2.	Unknown C3-alkylbenzene w/un	12.786	9	ZJ
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RecRoom1DL

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267124D1

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: 0267124D3V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 2

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3-----	Chloromethane	51	U
74-83-9-----	Bromomethane	51	U
75-01-4-----	Vinyl Chloride	51	U
75-00-3-----	Chloroethane	51	U
75-09-2-----	Methylene Chloride	51	U
67-64-1-----	Acetone	51	U
75-15-0-----	Carbon Disulfide	51	U
75-35-4-----	1,1-Dichloroethene	51	U
75-34-3-----	1,1-Dichloroethane	51	U
540-59-0-----	1,2-Dichloroethene (total)	51	U
67-66-3-----	Chloroform	51	U
107-06-2-----	1,2-Dichloroethane	51	U
78-93-3-----	2-Butanone	51	U
71-55-6-----	1,1,1-Trichloroethane	51	U
56-23-5-----	Carbon Tetrachloride	51	U
75-27-4-----	Bromodichloromethane	51	U
78-87-5-----	1,2-Dichloropropane	51	U
10061-01-5-----	cis-1,3-Dichloropropene	51	U
79-01-6-----	Trichloroethene	26	JD
124-48-1-----	Dibromochloromethane	51	U
79-00-5-----	1,1,2-Trichloroethane	51	U
71-43-2-----	Benzene	51	U
10061-02-6-----	trans-1,3-Dichloropropene	51	U
75-25-2-----	Bromoform	51	U
108-10-1-----	4-Methyl-2-Pentanone	51	U
591-78-6-----	2-Hexanone	51	U
127-18-4-----	Tetrachloroethene	770	D
79-34-5-----	1,1,2,2-Tetrachloroethane	51	U
108-88-3-----	Toluene	51	U
108-90-7-----	Chlorobenzene	51	U
100-41-4-----	Ethylbenzene	51	U
100-42-5-----	Styrene	51	U
1330-20-7-----	Xylene (total)	51	U

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RecRoom1DL

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267124D1

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: 0267124D3V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 2

Date Analyzed: 08/17/95

GC Column:CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

75-71-8-----Dichlorodifluoromethane	51	U
-------------------------------------	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RecRoom1DL

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267124D1

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: 0267124D3V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 2

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 556-67-2	Cyclotetrasiloxane, octameth	12.442	120	NJD
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG314

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267125

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

Lab File ID: 0267125V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 14

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

CAS NO.	COMPOUND		
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	12	U
67-64-1	Acetone	12	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG314

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267125

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

Lab File ID: 0267125V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 14

Date Analyzed: 08/16/95

GC Column:CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

75-71-8-----Dichlorodifluoromethane_____

12

U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SGG314

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267125

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

Lab File ID: 0267125V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 14

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126

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

Lab File ID: 0267126V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 6 ✓

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
67-64-1-----	Acetone	3	J
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420

Lab Name: AQUATEC, INC.

Contract: 95208 .

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126

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

Lab File ID: 0267126V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 6

Date Analyzed: 08/16/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

75-71-8-----Dichlorodifluoromethane_____	11	U
--	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SGG420

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126

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

Lab File ID: 0267126V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 6

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1., 121-43-7	Boric acid, trimethyl ester	3.441	6	XNJ
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WDryWell

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267127

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

Lab File ID: 0267127I3V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 5

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	10	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WDryWell

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267127

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

Lab File ID: 0267127I3V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 5

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

75-71-8-----Dichlorodifluoromethane_____	10	U
--	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

WDryWell

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267127

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

Lab File ID: 0267127I3V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 5

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 80-56-8	.alpha.-Pinene	12.077	12	NJ
2. 127-91-3	.beta.-Pinene	12.888	7	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267128

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

Lab File ID: L267128V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267128

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

Lab File ID: L267128V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

75-71-8-----Dichlorodifluoromethane_____	10	U
--	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267128

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

Lab File ID: L267128V.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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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2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
	=====	=====	=====	=====	=====	=====
01	VBLKB2	94	103	93		0
02	FB	98	98	91		0
03	LS-2W	98	102	92		0
04	LS-2WMS	98	101	92		0
05	LS-2WMSD	99	102	93		0
06	LS-1W	97	104	95		0
07	LS-1DUPW	96	103	97		0
08	LS-3W	98	105	96		0
09	TB	97	103	96		0
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QC LIMITS

SMC1 (TOL) = Toluene-d8 (88-110)
 SMC2 (BFB) = Bromofluorobenzene (86-115)
 SMC3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
	=====	=====	=====	=====	=====	=====
01	VBLKB1	110	107	107		0
02	LS-1S	138	94	118		0
03	LS-1DUPS	126	109	120		0
04	LS-2S	118	104	115		0
05	LS-3S	116	106	119		0
06	RecRoom1	133	87	119		0
07	SGG314	122	104	102		0
08	SGG420	130	99	100		0
09	SGG420MS	126	98	105		0
10	SGG420MSD	130	98	111		0
11	VBLKB4	104	109	98		0
12	BKGRD1	126	94	107		0
13	RecRoom1DL	122	97	115		0
14	WDryWell	123	99	114		0
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30						

QC LIMITS

SMC1 (TOL) = Toluene-d8 (84-138)

SMC2 (BFB) = Bromofluorobenzene (59-113)

SMC3 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix Spike - EPA Sample No.: LS-2W

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
1,1-Dichloroethene	50	0	46	92	61-145
Trichloroethene	50	0	51	102	71-120
Benzene	50	0	52	104	76-127
Toluene	50	0	50	100	76-125
Chlorobenzene	50	0	51	102	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
=====	=====	=====	=====	=====	=====	=====
1,1-Dichloroethene	50	48	96	4	14	61-145
Trichloroethene	50	50	100	2	14	71-120
Benzene	50	52	104	0	11	76-127
Toluene	50	50	100	0	13	76-125
Chlorobenzene	50	51	102	0	13	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

3B
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix Spike - EPA Sample No.: SGG420

Level (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
1,1-Dichloroethene	53	0	59	111	59-172
Trichloroethene	53	0	57	108	62-137
Benzene	53	0	62	117	66-142
Toluene	53	0	69	130	59-139
Chlorobenzene	53	0	60	113	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
=====	=====	=====	=====	=====	RPD	REC.
1,1-Dichloroethene	53	61	115	4	22	59-172
Trichloroethene	53	59	111	3	24	62-137
Benzene	53	63	119	2	21	66-142
Toluene	53	71	134	3	21	59-139
Chlorobenzene	53	61	115	2	21	60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBKKB2

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Lab File ID: LDPB001AV.D

Lab Sample ID: VBKKB2

Date Analyzed: 08/16/95

Time Analyzed: 2206

GC Column:CAP

ID: 0.53 (mm)

Heated Purge: (Y/N) N

Instrument ID: L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	FB	267115	L267115V.D	2252
02	LS-2W	267121	L267121V.D	2315
03	LS-2WMS	267121MS	L267121MSV.D	2344
04	LS-2WMSD	267121MD	L267121MDV.D	0013
05	LS-1W	267118	L267118V.D	0038
06	LS-1DUPW	267119	L267119V.D	0105
07	LS-3W	267123	L267123V.D	0131
08	TB	267128	L267128V.D	0157
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBKKB1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Lab File ID: ODYB001AV.D

Lab Sample ID: VBKKB1

Date Analyzed: 08/16/95

Time Analyzed: 1541

GC Column:CAP

ID: 0.53 (mm)

Heated Purge: (Y/N) Y

Instrument ID: 0

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	LS-1S	267116	O267116V.D	1743
02	LS-1DUPS	267117	O267117V.D	1809
03	LS-2S	267120	O267120V.D	1834
04	LS-3S	267122	O267122V.D	1900
05	RecRoom1	267124	O267124V.D	1925
06	SGG314	267125	O267125V.D	2301
07	SGG420	267126	O267126V.D	2353
08	SGG420MS	267126MS	O267126MSV.D	0044
09	SGG420MSD	267126MD	O267126MDV.D	0124
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBKKB4

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Lab File ID: ODYB001BV.D

Lab Sample ID: VBKKB4

Date Analyzed: 08/17/95

Time Analyzed: 1007

GC Column: CAP

ID: 0.53 (mm)

Heated Purge: (Y/N) Y

Instrument ID: 0

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	BKGRD1	267114	O267114I3V.D	1119
02	RecRoom1DL	267124D1	O267124D3V.D	1143
03	WDryWell	267127	O267127I3V.D	1358
04				
05				
06				
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COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBCLKB2

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: VBCLKB2

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

Lab File ID: LDPB001AV.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBCLKB2

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: VBCLKB2

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

Lab File ID: LDPB001AV.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

75-71-8-----Dichlorodifluoromethane_____	10	U
--	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBCLKB2

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: VBCLKB2

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

Lab File ID: LDPB001AV.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBKKB1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: VBKKB1

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

Lab File ID: ODYB001AV.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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	10	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBCLKB1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: VBCLKB1

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

Lab File ID: ODYB001AV.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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75-71-8-----Dichlorodifluoromethane	10	U
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKB1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: VBLKB1

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

Lab File ID: ODYB001AV.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 08/16/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBCLKB4

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: VBCLKB4

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

Lab File ID: ODYB001BV.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	10	U
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

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBKKB4

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: VBKKB4

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

Lab File ID: ODYB001BV.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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75-71-8-----Dichlorodifluoromethane	10	U
-------------------------------------	----	---

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBCLKB4

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: VBCLKB4

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

Lab File ID: ODYB001BV.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 08/17/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-2WMS

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267121MS

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

Lab File ID: L267121MSV.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	46	
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	51	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	52	
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	50	
108-90-7	Chlorobenzene	51	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-2WMS

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267121MS

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

Lab File ID: L267121MSV.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/16/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

75-71-8-----Dichlorodifluoromethane_____	10	U
--	----	---

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MS

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MS

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

Lab File ID: O267126MSV.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 6

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
67-64-1	Acetone	2	J
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	59	
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	57	
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	62	
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	69	
108-90-7	Chlorobenzene	60	
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MS

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MS

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

Lab File ID: 0267126MSV.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 6

Date Analyzed: 08/17/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

75-71-8-----Dichlorodifluoromethane_____	11	U
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-2WMSD

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267121MD

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

Lab File ID: L267121MDV.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	48	
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	50	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	52	
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	50	
108-90-7	Chlorobenzene	51	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LS-2WMSD

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) WATER

Lab Sample ID: 267121MD

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

Lab File ID: L267121MDV.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. _____

Date Analyzed: 08/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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75-71-8-----Dichlorodifluoromethane_____	10	U
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MSD

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MD

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

Lab File ID: 0267126MDV.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 6

Date Analyzed: 08/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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	U
67-64-1-----	Acetone	3	J
75-15-0-----	Carbon Disulfide	11	U
75-35-4-----	1,1-Dichloroethene	61	
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	59	
124-48-1-----	Dibromochloromethane	11	U
79-00-5-----	1,1,2-Trichloroethane	11	U
71-43-2-----	Benzene	63	
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	71	
108-90-7-----	Chlorobenzene	61	
100-41-4-----	Ethylbenzene	11	U
100-42-5-----	Styrene	11	U
1330-20-7-----	Xylene (total)	11	U

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MSD

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MD

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

Lab File ID: 0267126MDV.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: not dec. 6

Date Analyzed: 08/17/95

GC Column:CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

75-71-8-----Dichlorodifluoromethane_____	11	U
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8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Lab File ID (Standard): LDP050AHV.D

Date Analyzed: 08/16/95

Instrument ID: L

Time Analyzed: 2141

GC Column: CAP

ID: 0.53 (mm)

Heated Purge: (Y/N) N

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	269710	6.03	1459684	7.28	1203221	11.06
UPPER LIMIT	539420	6.53	2919368	7.78	2406442	11.56
LOWER LIMIT	134855	5.53	729842	6.78	601610	10.56
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE No.						
=====	=====	=====	=====	=====	=====	=====
01 VBLKB2	258565	6.03	1249230	7.27	1073952	11.05
02 FB	277181	6.03	1489594	7.27	1221299	11.05
03 LS-2W	252792	6.03	1288161	7.27	1069334	11.05
04 LS-2WMS	255593	6.01	1301646	7.27	1095124	11.06
05 LS-2WMSD	264345	6.03	1382071	7.27	1152525	11.06
06 LS-1W	251581	6.03	1241882	7.27	1060494	11.05
07 LS-1DUPW	241548	6.03	1205044	7.27	1026554	11.05
08 LS-3W	238393	6.03	1174798	7.29	1013923	11.05
09 TB	254798	6.03	1243444	7.27	1070577	11.05
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Lab File ID (Standard): ODY050AHV.D

Date Analyzed: 08/16/95

Instrument ID: 0

Time Analyzed: 1527

GC Column: CAP

ID: 0.53 (mm)

Heated Purge: (Y/N) Y

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	258929	6.48	1156029	7.60	898368	10.93
UPPER LIMIT	517858	6.98	2312058	8.10	1796736	11.43
LOWER LIMIT	129464	5.98	578014	7.10	449184	10.43
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE						
No.						
=====	=====	=====	=====	=====	=====	=====
01 VBLKB1	230250	6.47	1022546	7.60	780089	10.92
02 LS-1S	197361	6.47	876020	7.59	533747	10.92
03 LS-1DUPS	193317	6.49	870407	7.59	600743	10.92
04 LS-2S	209557	6.47	931024	7.59	669247	10.92
05 LS-3S	212154	6.47	943049	7.59	699956	10.92
06 RecRoom1	184472	6.47	576021*	7.60	272741*	10.92
07 SGG314	304697	6.49	1328229	7.60	976234	10.92
08 SGG420	276906	6.47	1129925	7.60	748013	10.92
09 SGG420MS	239887	6.48	1007647	7.60	667363	10.92
10 SGG420MSD	227198	6.48	959564	7.60	629409	10.92
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = + 0.50 minutes of internal standard RT

RT LOWER LIMIT = 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 94200

SAS No.:

SDG No.: 53031

Lab File ID (Standard): ODY050BHV.D

Date Analyzed: 08/17/95

Instrument ID: 0

Time Analyzed: 0821

GC Column:CAP

ID: 0.53 (mm)

Heated Purge: (Y/N) Y

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
=====		=====	=====	=====	=====	=====	=====
	12 HOUR STD	328588	6.48	1456850	7.58	1093510	10.91
	UPPER LIMIT	657176	6.98	2913700	8.08	2187020	11.41
	LOWER LIMIT	164294	5.98	728425	7.08	546755	10.41
=====		=====	=====	=====	=====	=====	=====
	EPA SAMPLE No.						
=====		=====	=====	=====	=====	=====	=====
01	VBLKB4	318126	6.47	1407536	7.60	1059107	10.92
02	BKGRD1	240479	6.47	925473	7.58	551984	10.92
03	RecRoom1DL	268595	6.47	1133890	7.58	685484	10.91
04	WDryWell	257688	6.47	1088530	7.58	664637	10.92
05							
06							
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19							
20							
21							
22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BKGRD1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267114

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267114S.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 7 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.8

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
111-91-1-----	bis(2-Chloroethoxy)methane	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
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	860	U
91-58-7-----	2-Chloronaphthalene	350	U
88-74-4-----	2-Nitroaniline	860	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	860	U
83-32-9-----	Acenaphthene	350	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BKGRD1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267114

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267114S.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 7 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.8

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

CAS NO.	COMPOUND	Q
51-28-5-----	2,4-Dinitrophenol	860 U
100-02-7-----	4-Nitrophenol	860 U
132-64-9-----	Dibenzofuran	350 U
121-14-2-----	2,4-Dinitrotoluene	350 U
84-66-2-----	Diethylphthalate	350 U
7005-72-3-----	4-Chlorophenyl-phenylether	350 U
86-73-7-----	Fluorene	350 U
100-01-6-----	4-Nitroaniline	860 U
534-52-1-----	4,6-Dinitro-2-methylphenol	860 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	860 U
85-01-8-----	Phenanthrene	340 J
120-12-7-----	Anthracene	23 J
86-74-8-----	Carbazole	20 J
84-74-2-----	Di-n-butylphthalate	18 J
206-44-0-----	Fluoranthene	420
129-00-0-----	Pyrene	520
85-68-7-----	Butylbenzylphthalate	350 U
91-94-1-----	3,3'-Dichlorobenzidine	350 U
56-55-3-----	Benzo(a)anthracene	190 J
218-01-9-----	Chrysene	340 J
117-81-7-----	bis(2-Ethylhexyl)phthalate	53 J
117-84-0-----	Di-n-octylphthalate	350 U
205-99-2-----	Benzo(b)fluoranthene	260 J
207-08-9-----	Benzo(k)fluoranthene	200 J
50-32-8-----	Benzo(a)pyrene	96 J
193-39-5-----	Indeno(1,2,3-cd)pyrene	110 J
53-70-3-----	Dibenz(a,h)anthracene	74 J
191-24-2-----	Benzo(g,h,i)perylene	20 J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BKGRD1

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267114

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267114S.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 7 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 4.8

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown aliphatic compound	10.626	710	JB
2. 629-99-2	Pentacosane	16.748	410	NJ
3.	Unknown aliphatic compound	16.778	390	J
4.	Unknown aliphatic compound	17.626	420	J
5. 593-49-7	Heptacosane	18.005	500	NJ
6.	Unknown aliphatic compound	18.045	1300	J
7.	Unknown aliphatic aldehyde	18.844	910	J
8. 630-03-5	Nonacosane	19.164	4200	NJ
9.	Unknown aliphatic compound	19.295	590	J
10.	Unknown aliphatic aldehyde	19.966	750	J
11. 630-04-6	Hentriacontane	20.246	3900	J
12.	Unknown aliphatic compound	20.397	680	J
13.	Unknown aliphatic aldehyde	21.089	430	J
14.	Unknown alkane	21.370	1100	J
15. 83-47-6	.gamma.-Sitosterol	22.043	760	J
16.	Unknown	22.545	620	J
17.	Unknown aliphatic compound	22.776	660	J
18.	Unknown	23.067	680	J
19.	Unknown	23.979	5100	JB
20.	Unknown	24.039	3100	J
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG314

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267125

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267125S.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5

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
111-91-1-----	bis(2-Chloroethoxy) methane	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
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	930	U
91-58-7-----	2-Chloronaphthalene	380	U
88-74-4-----	2-Nitroaniline	930	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	930	U
83-32-9-----	Acenaphthene	38	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG314

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267125

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267125S.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500(UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	930	U
100-02-7-----	4-Nitrophenol	930	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	930	U
534-52-1-----	4,6-Dinitro-2-methylphenol	930	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	930	U
85-01-8-----	Phenanthrene	300	J
120-12-7-----	Anthracene	42	J
86-74-8-----	Carbazole	43	J
84-74-2-----	Di-n-butylphthalate	200	J
206-44-0-----	Fluoranthene	340	J
129-00-0-----	Pyrene	390	
85-68-7-----	Butylbenzylphthalate	380	U
91-94-1-----	3,3'-Dichlorobenzidine	380	U
56-55-3-----	Benzo(a)anthracene	170	J
218-01-9-----	Chrysene	200	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	34	J
117-84-0-----	Di-n-octylphthalate	380	U
205-99-2-----	Benzo(b)fluoranthene	140	J
207-08-9-----	Benzo(k)fluoranthene	200	J
50-32-8-----	Benzo(a)pyrene	110	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	110	J
53-70-3-----	Dibenz(a,h)anthracene	60	J
191-24-2-----	Benzo(g,h,i)perylene	21	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SGG314

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267125

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267125S.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 7.5

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

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown cycloalkane	8.730	260	J
2.	Unknown aliphatic compound	10.635	720	JB
3. 1610-18-0	Prometon	11.187	140	NJ
4.	Unknown aliphatic w/PCB comp	13.352	150	JZ
5.	Unknown methylpyrene	15.389	110	J
6. 593-49-7	Heptacosane	17.993	130	NJ
7.	Unknown	18.373	110	J
8.	Unknown aliphatic compound	18.503	370	J
9.	Unknown alkane	18.573	170	J
10.	Unknown aliphatic aldehyde	18.844	160	J
11. 630-03-5	Nonacosane	19.155	320	NJ
12.	Unknown aliphatic compound	19.285	140	J
13. 630-04-6	Hentriacontane	20.238	410	NJ
14.	Unknown aliphatic compound	20.389	120	J
15.	Unknown polycyclic hydrocarb	20.459	270	J
16.	Unknown polycyclic hydrocarb	20.941	150	J
17.	Unknown alkane	21.352	150	J
18.	Unknown	21.543	490	J
19.	Unknown polycyclic hydrocarb	21.713	250	J
20.	Unknown	23.952	3500	JB
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30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267126S.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 6 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.7

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
111-91-1-----	bis(2-Chloroethoxy) methane	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
59-50-7-----	4-Chloro-3-Methylphenol	350	U
91-57-6-----	2-Methylnaphthalene	27	J
77-47-4-----	Hexachlorocyclopentadiene	350	U
88-06-2-----	2,4,6-Trichlorophenol	350	U
95-95-4-----	2,4,5-Trichlorophenol	850	U
91-58-7-----	2-Chloronaphthalene	350	U
88-74-4-----	2-Nitroaniline	850	U
131-11-3-----	Dimethylphthalate	350	U
208-96-8-----	Acenaphthylene	35	J
606-20-2-----	2,6-Dinitrotoluene	350	U
99-09-2-----	3-Nitroaniline	850	U
83-32-9-----	Acenaphthene	26	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267126S.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 6 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.7

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

51-28-5-----	2,4-Dinitrophenol	850	U
100-02-7-----	4-Nitrophenol	850	U
132-64-9-----	Dibenzofuran	350	U
121-14-2-----	2,4-Dinitrotoluene	350	U
84-66-2-----	Diethylphthalate	350	U
7005-72-3-----	4-Chlorophenyl-phenylether	350	U
86-73-7-----	Fluorene	350	U
100-01-6-----	4-Nitroaniline	850	U
534-52-1-----	4,6-Dinitro-2-methylphenol	850	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	850	U
85-01-8-----	Phenanthrene	580	
120-12-7-----	Anthracene	58	J
86-74-8-----	Carbazole	32	J
84-74-2-----	Di-n-butylphthalate	17	J
206-44-0-----	Fluoranthene	940	
129-00-0-----	Pyrene	1100	
85-68-7-----	Butylbenzylphthalate	350	U
91-94-1-----	3,3'-Dichlorobenzidine	350	U
56-55-3-----	Benzo(a)anthracene	460	
218-01-9-----	Chrysene	670	
117-81-7-----	bis(2-Ethylhexyl)phthalate	34	J
117-84-0-----	Di-n-octylphthalate	350	U
205-99-2-----	Benzo(b)fluoranthene	510	
207-08-9-----	Benzo(k)fluoranthene	530	
50-32-8-----	Benzo(a)pyrene	340	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	290	J
53-70-3-----	Dibenz(a,h)anthracene	140	J
191-24-2-----	Benzo(g,h,i)perylene	51	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SGG420

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267126S.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 6 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500(uL)

Date Analyzed: 08/30/95

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 7.7

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown hydrocarbon	3.837	360	J
2.	Unknown cycloalkane	8.141	370	J
3.	Unknown aliphatic compound	8.733	260	J
4.	Unknown aliphatic acid ester	9.871	230	J
5.	Unknown aliphatic compound	10.635	940	JB
6. 2531-84-2	Phenanthrene, 2-methyl-	12.737	260	NJ
7.	Unknown hexadecenoic acid w/	12.817	230	JZ
8. 57-10-3	Hexadecanoic acid w/methylph	12.896	510	NJZ
9. 238-84-6	11H-Benzo[a]fluorene	15.197	220	NJ
10.	Unknown methylpyrene	15.397	280	J
11.	Unknown aliphatic aldehyde	18.839	380	J
12. 630-03-5	Nonacosane	19.150	570	NJ
13.	Unknown aliphatic compound	19.291	200	J
14. 192-97-2	Benzo[e]pyrene	19.402	350	NJ
15. 630-04-6	Hentriacontane	20.236	810	NJ
16.	Unknown aliphatic compound	21.565	240	J
17.	Unknown aliphatic compound	21.837	240	J
18.	Unknown aliphatic w/Benzo[b]	22.430	270	JZ
19.	Unknown aliphatic compound	23.294	210	J
20.	Unknown	23.957	3800	JB
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2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Level: low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLKK9	90	101	100	84	69	90	82	78	0
02	BKGRD1	97	112	135	88	71	99	88	86	0
03	SGG314	82	95	117	79	58	91	78	71	0
04	SGG420	92	102	116	84	61	94	82	76	0
05	SGG420MS	99	113	139*	86	80	112	86	88	1
06	SGG420MSD	93	104	133	78	63	96	79	80	0
07										
08										
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QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (23-120)

S2 (FBP) = 2-Fluorobiphenyl (30-115)

S3 (TPH) = Terphenyl-d14 (18-137)

S4 (PHL) = Phenol-d5 (24-113)

S5 (2FP) = 2-Fluorophenol (25-121)

S6 (TBP) = 2,4,6-Tribromophenol (19-122)

S7 (2CP) = 2-Chlorophenol-d4 (20-130) (advisory)

S8 (DCB) = 1,2-Dichlorobenzene-d4 (20-130) (advisory)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix Spike - EPA Sample No.: SGG420

Level (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	2600	0	2200	85	26- 90
2-Chlorophenol	2600	0	2200	85	25-102
1,4-Dichlorobenzene	1800	0	1400	78	28-104
N-Nitroso-di-n-prop. (1)	1800	0	1800	100	41-126
1,2,4-Trichlorobenzene	1800	0	1700	94	38-107
4-Chloro-3-Methylphenol	2600	0	2500	96	26-103
Acenaphthene	1800	25	1700	93	31-137
4-Nitrophenol	2600	0	2900	112	11-114
2,4-Dinitrotoluene	1800	0	1600	89	28- 89
Pentachlorophenol	2600	0	2600	100	17-109
Pyrene	1800	1100	3300	122	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	2600	1900	73	15	35	26- 90
2-Chlorophenol	2600	2000	77	10	50	25-102
1,4-Dichlorobenzene	1800	1300	72	8	27	28-104
N-Nitroso-di-n-prop. (1)	1800	1600	89	12	38	41-126
1,2,4-Trichlorobenzene	1800	1500	83	12	23	38-107
4-Chloro-3-Methylphenol	2600	2300	88	9	33	26-103
Acenaphthene	1800	1600	87	7	19	31-137
4-Nitrophenol	2600	2600	100	11	50	11-114
2,4-Dinitrotoluene	1800	1400	78	13	47	28- 89
Pentachlorophenol	2600	1800	69	37	47	17-109
Pyrene	1800	4300	178*	37*	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 11 outside limits

Spike Recovery: 1 out of 22 outside limits

COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKK9

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Lab File ID: QB0816K9S.D

Lab Sample ID: SPLKK9

Instrument ID: Q

Date Extracted: 08/16/95

Matrix: (soil/water) SOIL

Date Analyzed: 08/30/95

Level: (low/med) LOW

Time Analyzed: 1037

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
01	BKGRD1	267114	Q267114S.D	08/30/95
02	SGG314	267125	Q267125S.D	08/30/95
03	SGG420	267126	Q267126S.D	08/30/95
04	SGG420MS	267126MS	Q267126MSS.D	08/30/95
05	SGG420MSD	267126MD	Q267126MDS.D	08/30/95
06				
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COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MS

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MS

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267126MSS.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 6 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

108-95-2-----	Phenol	2200	
111-44-4-----	bis(-2-Chloroethyl) Ether	350	U
95-57-8-----	2-Chlorophenol	2200	
541-73-1-----	1,3-Dichlorobenzene	350	U
106-46-7-----	1,4-Dichlorobenzene	1400	
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	1800	
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
111-91-1-----	bis(2-Chloroethoxy) methane	350	U
120-83-2-----	2,4-Dichlorophenol	350	U
120-82-1-----	1,2,4-Trichlorobenzene	1700	
91-20-3-----	Naphthalene	28	J
106-47-8-----	4-Chloroaniline	350	U
87-68-3-----	Hexachlorobutadiene	350	U
59-50-7-----	4-Chloro-3-Methylphenol	2500	
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	850	U
91-58-7-----	2-Chloronaphthalene	350	U
88-74-4-----	2-Nitroaniline	850	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	850	U
83-32-9-----	Acenaphthene	1700	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MS

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MS

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267126MSS.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 6 decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500(UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

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

CAS NO.	COMPOUND	Q
51-28-5-----	2,4-Dinitrophenol_____	850 U
100-02-7-----	4-Nitrophenol_____	2900 E
132-64-9-----	Dibenzofuran_____	350 U
121-14-2-----	2,4-Dinitrotoluene_____	1600
84-66-2-----	Diethylphthalate_____	350 U
7005-72-3-----	4-Chlorophenyl-phenylether__	350 U
86-73-7-----	Fluorene_____	41 J
100-01-6-----	4-Nitroaniline_____	850 U
534-52-1-----	4,6-Dinitro-2-methylphenol__	850 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_____	2600
85-01-8-----	Phenanthrene_____	480
120-12-7-----	Anthracene_____	49 J
86-74-8-----	Carbazole_____	24 J
84-74-2-----	Di-n-butylphthalate_____	350 U
206-44-0-----	Fluoranthene_____	890
129-00-0-----	Pyrene_____	3300 E
85-68-7-----	Butylbenzylphthalate_____	350 U
91-94-1-----	3,3'-Dichlorobenzidine_____	350 U
56-55-3-----	Benzo(a)anthracene_____	470
218-01-9-----	Chrysene_____	670
117-81-7-----	bis(2-Ethylhexyl)phthalate__	47 J
117-84-0-----	Di-n-octylphthalate_____	350 U
205-99-2-----	Benzo(b)fluoranthene_____	550
207-08-9-----	Benzo(k)fluoranthene_____	420
50-32-8-----	Benzo(a)pyrene_____	380
193-39-5-----	Indeno(1,2,3-cd)pyrene_____	310 J
53-70-3-----	Dibenz(a,h)anthracene_____	140 J
191-24-2-----	Benzo(g,h,i)perylene_____	84 J

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MSD

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MD

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267126MDS.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 6

decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

108-95-2-----	Phenol	1900	
111-44-4-----	bis(-2-Chloroethyl) Ether	350	U
95-57-8-----	2-Chlorophenol	2000	
541-73-1-----	1,3-Dichlorobenzene	350	U
106-46-7-----	1,4-Dichlorobenzene	1300	
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	1600	
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
111-91-1-----	bis(2-Chloroethoxy)methane	350	U
120-83-2-----	2,4-Dichlorophenol	350	U
120-82-1-----	1,2,4-Trichlorobenzene	1500	
91-20-3-----	Naphthalene	52	J
106-47-8-----	4-Chloroaniline	350	U
87-68-3-----	Hexachlorobutadiene	350	U
59-50-7-----	4-Chloro-3-Methylphenol	2300	
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	850	U
91-58-7-----	2-Chloronaphthalene	350	U
88-74-4-----	2-Nitroaniline	850	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	850	U
83-32-9-----	Acehnaphthene	1600	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MSD

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MD

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: Q267126MDS.D

Level: (low/med) LOW

Date Received: 08/11/95

% Moisture: 6

decanted: (Y/N) N

Date Extracted: 08/16/95

Concentrated Extract Volume: 500 (UL)

Date Analyzed: 08/30/95

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

51-28-5-----	2,4-Dinitrophenol	850	U
100-02-7-----	4-Nitrophenol	2600	
132-64-9-----	Dibenzofuran	350	U
121-14-2-----	2,4-Dinitrotoluene	1400	
84-66-2-----	Diethylphthalate	350	U
7005-72-3-----	4-Chlorophenyl-phenylether	350	U
86-73-7-----	Fluorene	83	J
100-01-6-----	4-Nitroaniline	850	U
534-52-1-----	4,6-Dinitro-2-methylphenol	850	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	
85-01-8-----	Phenanthrene	1300	
120-12-7-----	Anthracene	160	J
86-74-8-----	Carbazole	80	J
84-74-2-----	Di-n-butylphthalate	350	U
206-44-0-----	Fluoranthene	1700	
129-00-0-----	Pyrene	4300	E
85-68-7-----	Butylbenzylphthalate	350	U
91-94-1-----	3,3'-Dichlorobenzidine	350	U
56-55-3-----	Benzo(a)anthracene	750	
218-01-9-----	Chrysene	980	
117-81-7-----	bis(2-Ethylhexyl)phthalate	44	J
117-84-0-----	Di-n-octylphthalate	350	U
205-99-2-----	Benzo(b)fluoranthene	750	
207-08-9-----	Benzo(k)fluoranthene	670	
50-32-8-----	Benzo(a)pyrene	560	
193-39-5-----	Indeno(1,2,3-cd)pyrene	440	
53-70-3-----	Dibenz(a,h)anthracene	200	J
191-24-2-----	Benzo(g,h,i)perylene	75	J

(1) - Cannot be separated from Diphenylamine

8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Lab File ID (Standard): QEQ050GBS.D

Date Analyzed: 08/30/95

Instrument ID: Q

Time Analyzed: 0809

	IS1 (DCB)		IS2 (NPT)		IS3 (ANT)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	163667	4.94	461403	6.46	274889	9.05
UPPER LIMIT	327334	5.44	922806	6.96	549778	9.55
LOWER LIMIT	81834	4.44	230702	5.96	137444	8.55
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE						
No.						
=====	=====	=====	=====	=====	=====	=====
01 SBLKK9	253787	4.95	777339	6.45	426519	9.03
02 BKGRD1	215574	4.95	652948	6.45	340665	9.04
03 SGG314	212652	4.95	659769	6.45	362599	9.04
04 SGG420	186991	4.94	536691	6.44	278386	9.04
05 SGG420MS	271624	4.95	825087	6.46	433619	9.04
06 SGG420MSD	259515	4.95	805062	6.46	438432	9.05
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = + 0.50 minutes of internal standard RT

RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: AQUATEC, INC.

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Lab File ID (Standard): QE0050GBS.D

Date Analyzed: 08/30/95

Instrument ID: Q

Time Analyzed: 0809

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	460461	11.71	357574	16.93	299940	19.59
UPPER LIMIT	920922	12.21	715148	17.43	599880	20.09
LOWER LIMIT	230230	11.21	178787	16.43	149970	19.09
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE No.						
=====	=====	=====	=====	=====	=====	=====
01 SBLKK9	685398	11.70	629197	16.92	506030	19.57
02 BKGRD1	476670	11.69	243513	16.93	213627	19.59
03 SGG314	536892	11.70	272255	16.93	228013	19.59
04 SGG420	396443	11.70	268852	16.94	205614	19.59
05 SGG420MS	603368	11.71	361534	16.95	343373	19.60
06 SGG420MSD	601644	11.71	339587	16.95	301886	19.61
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = + 0.50 minutes of internal standard RT

RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BKGRD1

Name: AQUATEC INC

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267114

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

Moisture: 7 decanted: (Y/N) N

Date Received: 08/11/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/16/95

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.00 (uL)

Dilution Factor: 3.00

PC Cleanup: (Y/N) Y

pH: 4.8

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

319-84-6-----	alpha-BHC	5.5	U
319-85-7-----	beta-BHC	5.5	U
319-86-8-----	delta-BHC	5.5	U
58-89-9-----	gamma-BHC (Lindane)	5.5	U
76-44-8-----	Heptachlor	5.5	U
309-00-2-----	Aldrin	5.5	U
1024-57-3-----	Heptachlor epoxide	5.5	U
959-98-8-----	Endosulfan I	5.5	U
60-57-1-----	Dieldrin	11	U
72-55-9-----	4,4'-DDE	19	P
72-20-8-----	Endrin	11	U
33213-65-9-----	Endosulfan II	11	U
72-54-8-----	4,4'-DDD	11	U
1031-07-8-----	Endosulfan sulfate	11	U
50-29-3-----	4,4'-DDT	140	
72-43-5-----	Methoxychlor	55	U
53494-70-5-----	Endrin ketone	11	U
7421-93-4-----	Endrin aldehyde	11	U
5103-71-9-----	alpha-Chlordane	5.5	U
5103-74-2-----	gamma-Chlordane	5.5	U
8001-35-2-----	Toxaphene	550	U
12674-11-2-----	Aroclor-1016	110	U
11104-28-2-----	Aroclor-1221	220	U
11141-16-5-----	Aroclor-1232	110	U
53469-21-9-----	Aroclor-1242	110	U
12672-29-6-----	Aroclor-1248	110	U
11097-69-1-----	Aroclor-1254	110	U
11096-82-5-----	Aroclor-1260	110	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG314

Lab Name: AQUATEC INC

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267125

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

% Moisture: 14 decanted: (Y/N) N

Date Received: 08/11/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/16/95

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.00 (uL)

Dilution Factor: 2.00

GPC Cleanup: (Y/N) Y

pH: 7.5

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

319-84-6-----alpha-BHC	4.0	U
319-85-7-----beta-BHC	4.0	U
319-86-8-----delta-BHC	4.0	U
58-89-9-----gamma-BHC (Lindane)	4.0	U
76-44-8-----Heptachlor	4.0	U
309-00-2-----Aldrin	4.0	U
1024-57-3-----Heptachlor epoxide	4.0	U
959-98-8-----Endosulfan I	4.0	U
60-57-1-----Dieldrin	7.7	U
72-55-9-----4,4'-DDE	23	
72-20-8-----Endrin	14	P
33213-65-9-----Endosulfan II	8.6	
72-54-8-----4,4'-DDD	6.0	JP
1031-07-8-----Endosulfan sulfate	7.7	U
50-29-3-----4,4'-DDT	20	P
72-43-5-----Methoxychlor	40	U
53494-70-5-----Endrin ketone	11	
7421-93-4-----Endrin aldehyde	14	P
5103-71-9-----alpha-Chlordane	8.8	P
5103-74-2-----gamma-Chlordane	3.6	JP
8001-35-2-----Toxaphene	400	U
12674-11-2-----Aroclor-1016	77	U
11104-28-2-----Aroclor-1221	160	U
11141-16-5-----Aroclor-1232	77	U
53469-21-9-----Aroclor-1242	77	U
12672-29-6-----Aroclor-1248	77	U
11097-69-1-----Aroclor-1254	600	
11096-82-5-----Aroclor-1260	250	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420

Lab Name: AQUATEC INC

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

Moisture: 6 decanted: (Y/N) N

Date Received: 08/11/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/16/95

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y

pH: 7.7

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

319-84-6-----	alpha-BHC	9.0	U
319-85-7-----	beta-BHC	9.0	U
319-86-8-----	delta-BHC	9.0	U
58-89-9-----	gamma-BHC (Lindane)	9.0	U
76-44-8-----	Heptachlor	9.0	U
309-00-2-----	Aldrin	9.0	U
1024-57-3-----	Heptachlor epoxide	9.0	U
959-98-8-----	Endosulfan I	9.0	U
60-57-1-----	Dieldrin	18	U
72-55-9-----	4,4'-DDE	9.2	J
72-20-8-----	Endrin	18	U
33213-65-9-----	Endosulfan II	18	U
72-54-8-----	4,4'-DDD	8.2	JP
1031-07-8-----	Endosulfan sulfate	18	U
50-29-3-----	4,4'-DDT	43	
72-43-5-----	Methoxychlor	90	U
53494-70-5-----	Endrin ketone	18	U
7421-93-4-----	Endrin aldehyde	18	U
5103-71-9-----	alpha-Chlordane	9.0	U
5103-74-2-----	gamma-Chlordane	9.0	U
8001-35-2-----	Toxaphene	900	U
12674-11-2-----	Aroclor-1016	180	U
11104-28-2-----	Aroclor-1221	360	U
11141-16-5-----	Aroclor-1232	180	U
53469-21-9-----	Aroclor-1242	180	U
12672-29-6-----	Aroclor-1248	180	U
11097-69-1-----	Aroclor-1254	180	U
11096-82-5-----	Aroclor-1260	180	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKD5

Lab Name: AQUATEC INC

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 223639

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received:

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/16/95

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 9.7

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

319-84-6-----alpha-BHC	1.7	U
319-85-7-----beta-BHC	1.7	U
319-86-8-----delta-BHC	1.7	U
58-89-9-----gamma-BHC (Lindane)	1.7	U
76-44-8-----Heptachlor	1.7	U
309-00-2-----Aldrin	1.7	U
1024-57-3-----Heptachlor epoxide	1.7	U
959-98-8-----Endosulfan I	1.7	U
60-57-1-----Dieldrin	3.3	U
72-55-9-----4,4'-DDE	3.3	U
72-20-8-----Endrin	3.3	U
33213-65-9-----Endosulfan II	3.3	U
72-54-8-----4,4'-DDD	3.3	U
1031-07-8-----Endosulfan sulfate	3.3	U
50-29-3-----4,4'-DDT	3.3	U
72-43-5-----Methoxychlor	17	U
53494-70-5-----Endrin ketone	3.3	U
7421-93-4-----Endrin aldehyde	3.3	U
5103-71-9-----alpha-Chlordane	1.7	U
5103-74-2-----gamma-Chlordane	1.7	U
8001-35-2-----Toxaphene	170	U
12674-11-2-----Aroclor-1016	33	U
11104-28-2-----Aroclor-1221	67	U
11141-16-5-----Aroclor-1232	33	U
53469-21-9-----Aroclor-1242	33	U
12672-29-6-----Aroclor-1248	33	U
11097-69-1-----Aroclor-1254	33	U
11096-82-5-----Aroclor-1260	33	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MS

Lab Name: AQUATEC INC

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MS

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

% Moisture: 6 decanted: (Y/N) N

Date Received: 08/11/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/16/95

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.7

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

319-84-6-----	alpha-BHC	1.8	U
319-85-7-----	beta-BHC	1.8	U
319-86-8-----	delta-BHC	1.8	U
58-89-9-----	gamma-BHC (Lindane)	19	
76-44-8-----	Heptachlor	17	
309-00-2-----	Aldrin	19	
1024-57-3-----	Heptachlor epoxide	1.0	JP
959-98-8-----	Endosulfan I	1.8	U
60-57-1-----	Dieldrin	40	
72-55-9-----	4,4'-DDE	11	P
72-20-8-----	Endrin	42	
33213-65-9-----	Endosulfan II	4.3	P
72-54-8-----	4,4'-DDD	1.7	JP
1031-07-8-----	Endosulfan sulfate	4.1	P
50-29-3-----	4,4'-DDT	79	Y
72-43-5-----	Methoxychlor	18	U
53494-70-5-----	Endrin ketone	5.2	P
7421-93-4-----	Endrin aldehyde	4.3	P
5103-71-9-----	alpha-Chlordane	2.2	P
5103-74-2-----	gamma-Chlordane	1.8	U
8001-35-2-----	Toxaphene	180	U
12674-11-2-----	Aroclor-1016	35	U
11104-28-2-----	Aroclor-1221	71	U
11141-16-5-----	Aroclor-1232	35	U
53469-21-9-----	Aroclor-1242	35	U
12672-29-6-----	Aroclor-1248	35	U
11097-69-1-----	Aroclor-1254	35	U
11096-82-5-----	Aroclor-1260	35	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SGG420MSD

Lab Name: AQUATEC INC

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix: (soil/water) SOIL

Lab Sample ID: 267126MD

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

% Moisture: 6 decanted: (Y/N) N

Date Received: 08/11/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/16/95

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.7

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

319-84-6-----alpha-BHC	1.8	U
319-85-7-----beta-BHC	1.8	U
319-86-8-----delta-BHC	1.8	U
58-89-9-----gamma-BHC (Lindane)	18	
76-44-8-----Heptachlor	16	
309-00-2-----Aldrin	18	
1024-57-3-----Heptachlor epoxide	1.8	U
959-98-8-----Endosulfan I	1.8	U
60-57-1-----Dieldrin	37	
72-55-9-----4,4'-DDE	7.4	P
72-20-8-----Endrin	41	
33213-65-9-----Endosulfan II	9.4	
72-54-8-----4,4'-DDD	2.6	JP
1031-07-8-----Endosulfan sulfate	3.0	JP
50-29-3-----4,4'-DDT	67	Y
72-43-5-----Methoxychlor	18	U
53494-70-5-----Endrin ketone	3.8	P
7421-93-4-----Endrin aldehyde	5.1	P
5103-71-9-----alpha-Chlordane	1.3	JP
5103-74-2-----gamma-Chlordane	1.8	U
8001-35-2-----Toxaphene	180	U
12674-11-2-----Aroclor-1016	35	U
11104-28-2-----Aroclor-1221	71	U
11141-16-5-----Aroclor-1232	35	U
53469-21-9-----Aroclor-1242	35	U
12672-29-6-----Aroclor-1248	35	U
11097-69-1-----Aroclor-1254	35	U
11096-82-5-----Aroclor-1260	35	U

2F
SOIL PESTICIDE SURROGATE RECOVERY

Name: AQUATEC INC

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

GC Column(1): RTX-35

ID: 0.53(mm)

GC Column(2): RTX-1701

ID: 0.53(mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
	=====	=====	=====	=====	=====	=====	=====	=====
01	PBLKD5	121	126	126	118			0
02	BKGRD1	103D	98D	109D	86D			0
03	SGG314	112D	104D	154D	14D			0
04	SGG420	109D	97D	110D	28D			0
05	SGG420MS	110	111	113	21*			1
06	SGG420MSD	106	111	113	17*			1

ADVISORY
QC LIMITS
(60-150)
(60-150)

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

I Name: AQUATEC INC

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Matrix Spike - EPA Sample No.: SGG420

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	17.700	0	19.2	108	46-127
Heptachlor	17.700	0	17.3	98	35-130
Aldrin	17.700	0	18.7	106	34-132
Dieldrin	35.400	0	39.6	112	31-134
Endrin	35.400	0	42.0	119	42-139
4,4'-DDT	35.400	42.9	79.0	102	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
gamma-BHC (Lindane)	17.700	18.3	103	5	50	46-127
Heptachlor	17.700	16.2	92	6	31	35-130
Aldrin	17.700	17.6	99	7	43	34-132
Dieldrin	35.400	37.4	106	6	38	31-134
Endrin	35.400	41.1	116	3	45	42-139
4,4'-DDT	35.400	66.8	68	40	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

COMMENTS:

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLKD5

Lab Name: AQUATEC INC

Contract: 95208

Lab Code: AQUAI

Case No.: 95208

SAS No.:

SDG No.: 53031

Lab Sample ID: 223639

Lab File ID:

Matrix:(soil/water) SOIL

Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N

Date Extracted: 08/16/95

Date Analyzed (1): 09/13/95

Date Analyzed (2): 09/13/95

Time Analyzed (1): 0528

Time Analyzed (2): 0528

Instrument ID (1): 2404-1

Instrument ID (2): 2404-2

GC Column (1): RTX-35 ID: 0.53 (mm) GC Column (2): RTX-1701 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	DATE ANALYZED 1 =====	DATE ANALYZED 2 =====
01	BKGRD1	267114	09/13/95	09/13/95
02	SGG314	267125	09/13/95	09/13/95
03	SGG420	267126	09/13/95	09/13/95
04	SGG420MS	267126MS	09/13/95	09/13/95
05	SGG420MSD	267126MD	09/13/95	09/13/95

COMMENTS:

STORM BASIN ANALYTICAL RESULTS

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 10/29/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: WB-1/RS
REMARKS: TCLP PREP.

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<0.01	mg/l
ARSENIC	0.02	mg/l
BARIUM	0.45	mg/l
CADMIUM	<0.005	mg/l
CHROMIUM	<0.01	mg/l
MERCURY	<0.20	ug/l
LEAD	0.06	mg/l
SELENIUM	<0.03	mg/l

COPIES TO: RJB^

DATE ISSUED 11/05/96

QA/QC

LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... SOIL
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 10/29/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: CB-1/RS
REMARKS: TCLP PREP.

<u>PARAMETER (S)</u>	<u>RESULTS UNITS</u>
SILVER	<0.01 mg/l
ARSENIC	0.03 mg/l
BARIUM	0.38 mg/l
CADMIUM	0.02 mg/l
CHROMIUM	<0.01 mg/l
MERCURY	<0.20 ug/l
LEAD	2.0 mg/l
SELENIUM	<0.03 mg/l

COPIES TO: RJB^

DATE ISSUED 11/05/96

QA/QC

LABORATORY DIRECTOR

H2M LABS, INC.

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

LAB NO: 9631418

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 10/30/96
COLLECTED BY... CL99
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-2/RS
REMARKS: TCLP PREP

PARAMETER (S)

RESULTS UNITS

SILVER	<0.01 mg/l
ARSENIC	<0.02 mg/l
BARIUM	0.50 mg/l
CADMIUM	0.02 mg/l
CHROMIUM	<0.01 mg/l
MERCURY	<0.20 ug/l
LEAD	0.38 mg/l
SELENIUM	<0.03 mg/l

COPIES TO: RJB^

DATE ISSUED 11/06/96

QA/QC

LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516)694-3040 FAX:(516)420-84

N.Y. 11747
WYSDOH ID# 10478

LAB NO: 9622503

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED.. 08/08/96
DATE RECEIVED.. 08/08/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606TS

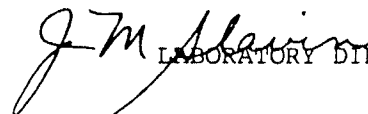
POINT NO:
LOCATION: WEST BASIN
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<0.01	mg/l
ARSENIC	<10.0	ug/l
BERYLLIUM	<5.0	ug/l
CADMIUM	<5.0	ug/l
CHROMIUM	<0.01	mg/l
COPPER	<0.02	mg/l
MERCURY	<0.20	ug/l
NICKEL	<0.04	mg/l
LEAD	<5.0	ug/l
ANTIMONY	<60.0	ug/l
SELENIUM	<5.0	ug/l
THALLIUM	<10.0	ug/l
ZINC	0.04	mg/l

COPIES TO: BHM/RJB

DATE ISSUED 08/14/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-84 MYSO# ID# 10478

LAB NO: 9622503

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/08/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606TS

POINT NO:
LOCATION: WEST BASIN
REMARKS:

VOL. ORGANICS(601/602 & XYLENES) - (ug/l)

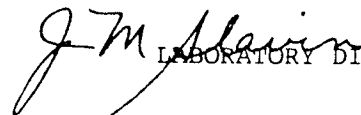
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<1	1,4-XYLENE	<1
CHLOROMETHANE	<1	1,2-XYLENE	<1
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		
BENZENE	<1		
TOLUENE	<1		
ETHYLBENZENE	<1		
1,3-XYLENE	<1		

COPIES TO: BHM/RJB

DATE ISSUED 08/14/96

DATE RUN..... 08/12/96
DATE REPORTED.. 08/12/96

ORIGINAL

 LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/08/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606TS

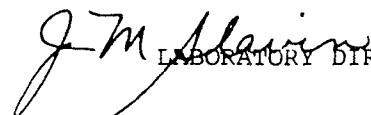
POINT NO:
LOCATION: CENTER BASIN
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<0.01	mg/l
ARSENIC	<10.0	ug/l
BERYLLIUM	<5.0	ug/l
CADMIUM	<5.0	ug/l
CHROMIUM	<0.01	mg/l
COPPER	<0.02	mg/l
MERCURY	<0.20	ug/l
NICKEL	<0.04	mg/l
LEAD	<5.0	ug/l
ANTIMONY	<60.0	ug/l
SELENIUM	<5.0	ug/l
THALLIUM	<10.0	ug/l
ZINC	0.04	mg/l

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DATE ISSUED 08/14/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-7 NYSDOH ID# 10478

LAB NO: 9622504

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/08/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606TS

POINT NO:
LOCATION: CENTER BASIN
REMARKS:

VOL. ORGANICS(601/602 & XYLENES) - (ug/l)

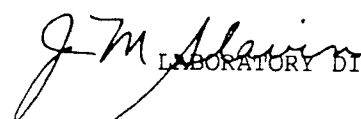
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<1	1,4-XYLENE	<1
CHLOROMETHANE	<1	1,2-XYLENE	<1
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		
BENZENE	<1		
TOLUENE	<1		
ETHYLBENZENE	<1		
1,3-XYLENE	<1		

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DATE ISSUED 08/14/96

DATE RUN..... 08/12/96
DATE REPORTED.. 08/12/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8 NYSDOH ID# 10478

LAB NO: 9622505

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/08/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606TS

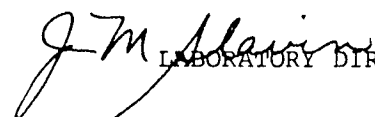
POINT NO:
LOCATION: EAST BASIN
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<0.01	mg/l
ARSENIC	<10.0	ug/l
BERYLLIUM	<5.0	ug/l
CADMIUM	<5.0	ug/l
CHROMIUM	<0.01	mg/l
COPPER	<0.02	mg/l
MERCURY	<0.20	ug/l
NICKEL	<0.04	mg/l
LEAD	<5.0	ug/l
ANTIMONY	<60.0	ug/l
SELENIUM	<5.0	ug/l
THALLIUM	<10.0	ug/l
ZINC	0.05	mg/l

COPIES TO: BHM/RJB

DATE ISSUED 08/14/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 420-8888
NYS DOH ID# 10478

LAB NO: 9622505

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/08/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606TS

POINT NO:
LOCATION: EAST BASIN
REMARKS:

VOL. ORGANICS(601/602 & XYLENES) - (ug/l)

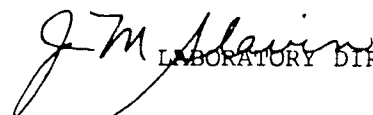
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<1	1,4-XYLENE	<1
CHLOROMETHANE	<1	1,2-XYLENE	<1
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		
BENZENE	<1		
TOLUENE	<1		
ETHYLBENZENE	<1		
1,3-XYLENE	<1		

COPIES TO: BHM/RJB

DATE ISSUED 08/14/96

DATE RUN..... 08/12/96
DATE REPORTED.. 08/12/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8 NYS DOH ID# 10478

LAB NO: 9622506

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: WB-2/RS
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	127	mg/kg
ALUMINUM	1990	mg/kg
ARSENIC	20.7	mg/kg
BARIUM	109	mg/kg
BERYLLIUM	<2.4	mg/kg
CALCIUM	9380	mg/kg
CADMIUM	6.5	mg/kg
COBALT	<23.7	mg/kg
CHROMIUM	232	mg/kg
COPPER	2400	mg/kg
IRON	26900	mg/kg
MERCURY	1.2	mg/kg
POTASSIUM	1970	mg/kg
MAGNESIUM	7860	mg/kg
MANGANESE	170	mg/kg
SODIUM	517	mg/kg
NICKEL	90.0	mg/kg
LEAD	141	mg/kg
ANTIMONY	<28.4	mg/kg
SELENIUM	<2.4	mg/kg
THALLIUM	<4.7	mg/kg
TOTAL SOLIDS	21.1	%
VANADIUM	156	mg/kg
ZINC	1320	mg/kg

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

ORIGINAL


LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED.. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: WB-2/RS
REMARKS:

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<10		
CHLOROMETHANE	<10		
VINYL CHLORIDE	<10		
BROMOMETHANE	<10		
CHLOROETHANE	<10		
FLUOROTRICHLOROMETHANE	<10		
1,1-DICHLOROETHENE	<10		
METHYLENE CHLORIDE	<10		
TRANS-1,2-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
CIS-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
1,2-DICHLOROETHANE	<10		
TRICHLOROETHENE	<10		
1,2-DICHLOROPROPANE	<10		
BROMODICHLOROMETHANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
1,1,2-TRICHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
CHLORODIBROMOMETHANE	<10		
CHLOROBENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
M-DICHLOROBENZENE	<10		
P-DICHLOROBENZENE	<10		
O-DICHLOROBENZENE	<10		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE RUN..... 08/12/96
DATE REPORTED.. 08/20/96

ORIGINAL

J M Dimino
LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: WB-2/RS
REMARKS:TCL SEMI-VOLATILE ORGANICS - (ug/kg)

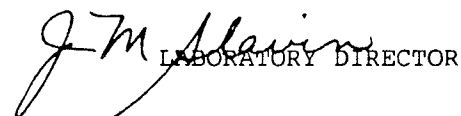
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
1,3-DICHLOROBENZENE	<1600	BIS(2ETHYLHEXYL)PHTHALATE	<1600
1,4-DICHLOROBENZENE	<1600	CHRYSENE	5000
HEXACHLOROETHANE	<1600	BENZO(A)ANTHRACENE	3400
BIS(2-CHLOROETHYL)ETHER	<1600	3,3-DICHLOROBENZIDINE	<1600
1,2-DICHLOROBENZENE	<1600	DI-N-OCTYL PHTHALATE	<1600
2,2-OXYBIS(1-CHL. PROPANE)	<1600	BENZO(B)FLUORANTHENE	5100
N-NITROSO-DI-N-PROPYLAMIN	<1600	BENZO(K)FLUORANTHENE	3500
NITROBENZENE	<1600	BENZO(A)PYRENE	3500
HEXACHLOROBUTADIENE	<1600	INDENO(1,2,3-C,D)PYRENE	<1600
1,2,4-TRICHLOROBENZENE	<1600	DIBENZO(A,H)ANTHRACENE	<1600
ISOPHORONE	<1600	BENZO(G,H,I)PERYLENE	<1600
NAPHTHALENE	<1600	2-CHLOROPHENOL	<1600
BIS(2-CHL.ETHOXY)METHANE	<1600	2-NITROPHENOL	<1600
CARBAZOLE	1700	PHENOL	<1600
HEXACHLOROCYCLOPENTADIENE	<1600	2,4-DIMETHYLPHENOL	<1600
2-CHLORONAPHTHALENE	<1600	2,4-DICHLOROPHENOL	<1600
ACENAPHTHYLENE	<1600	2,4,6-TRICHLOROPHENOL	<1600
ACENAPHTHENE	<1600	4-CHLORO-3-METHYLPHENOL	<1600
DIMETHYLPHTHALATE	<1600	2,4-DINITROPHENOL	<3900
2,6-DINITROTOLUENE	<1600	2-METH.-4,6-DINITROPHENOL	<3900
FLUORENE	<1600	PENTACHLOROPHENOL	<3900
4-CHL.PHENYL PHENYLETHER	<1600	4-NITROPHENOL	<3900
2,4-DINITROTOLUENE	<1600	2-METHYLPHENOL	<1600
DIETHYL PHTHALATE	<1600	2,4,5-TRICHLOROPHENOL	<3900
N-NITROSODIPHENYLAMINE	<1600	4-METHYLPHENOL	<1600
HEXACHLOROBENZENE	<1600	4-CHLOROANILINE	<1600
4-BROMOPHENYLPHENYLETHER	<1600	2-METHYLNAPHTHALENE	<1600
PHENANTHRENE	4700	2-NITROANILINE	<3900
ANTHRACENE	<1600	3-NITROANILINE	<3900
DI-N-BUTYL PHTHALATE	<1600	DIBENZOFURAN	<1600
FLUORANTHENE	7200	4-NITROANILINE	<3900
PYRENE	9700		
BUTYL BENZYL PHTHALATE	<1600		

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DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/19/96
DATE REPORTED.. 08/20/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-84 MYSOEH ID# 10478

LAB NO: 9622506

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: WB-2/RS
REMARKS:

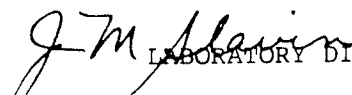
PCB'S - (ug/kg)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
AROCLOR 1016	<160		
AROCLOR 1221	<310		
AROCLOR 1232	<160		
AROCLOR 1242	<160		
AROCLOR 1248	<160		
AROCLOR 1254	810		
AROCLOR 1260	680		

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DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED. 08/28/96


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516)694-3040 FAX:(516)420-6

N.Y. 11747
NYSDOH ID# 10478

LAB NO: 9622508

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

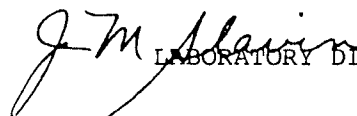
POINT NO:
LOCATION: CB-1/RS
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	140	mg/kg
ALUMINUM	19400	mg/kg
ARSENIC	16.0	mg/kg
BARIUM	<120	mg/kg
BERYLLIUM	<2.9	mg/kg
CALCIUM	5590	mg/kg
CADMIUM	7.8	mg/kg
COBALT	<29.9	mg/kg
CHROMIUM	184	mg/kg
COPPER	2570	mg/kg
IRON	20300	mg/kg
MERCURY	2.7	mg/kg
POTASSIUM	1320	mg/kg
MAGNESIUM	5180	mg/kg
MANGANESE	139	mg/kg
SODIUM	3170	mg/kg
NICKEL	57.5	mg/kg
LEAD	1840	mg/kg
ANTIMONY	<35.9	mg/kg
SELENIUM	4.0	mg/kg
THALLIUM	<6.0	mg/kg
TOTAL SOLIDS	16.7	%
VANADIUM	137	mg/kg
ZINC	1050	mg/kg

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-6666 NYSDOH ID# 10478

LAB NO: 9622507

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: WB-1/RS
REMARKS:

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

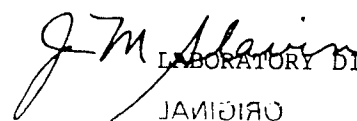
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<10		
CHLOROMETHANE	<10		
VINYL CHLORIDE	<10		
BROMOMETHANE	<10		
CHLOROETHANE	<10		
FLUOROTRICHLOROMETHANE	<10		
1,1-DICHLOROETHENE	<10		
METHYLENE CHLORIDE	<10		
TRANS-1,2-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
CIS-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
1,2-DICHLOROETHANE	<10		
TRICHLOROETHENE	<10		
1,2-DICHLOROPROPANE	<10		
BROMODICHLOROMETHANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
1,1,2-TRICHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
CHLORODIBROMOMETHANE	<10		
CHLOROBENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
M-DICHLOROBENZENE	<10		
P-DICHLOROBENZENE	<10		
O-DICHLOROBENZENE	<10		

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DATE ISSUED 08/28/96

DATE RUN..... 08/12/96
DATE REPORTED.. 08/20/96

ORIGINAL


LABORATORY DIRECTOR
JAMISLAW

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: WB-1/RS
REMARKS:TCL SEMI-VOLATILE ORGANICS - (ug/kg)

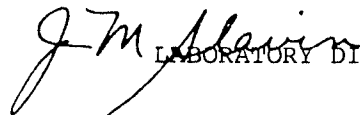
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
1,3-DICHLOROBENZENE	<1400	BIS(2ETHYLHEXYL)PHTHALATE	<1400
1,4-DICHLOROBENZENE	<1400	CHRYSENE	5300
HEXACHLOROETHANE	<1400	BENZO(A)ANTHRACENE	3300
BIS(2-CHLOROETHYL)ETHER	<1400	3,3-DICHLOROBENZIDINE	<1400
1,2-DICHLOROBENZENE	<1400	DI-N-OCTYL PHTHALATE	<1400
2,2-OXYBIS(1-CHL. PROPANE)	<1400	BENZO(B)FLUORANTHENE	5200
N-NITROSO-DI-N-PROPYLAMIN	<1400	BENZO(K)FLUORANTHENE	6300
NITROBENZENE	<1400	BENZO(A)PYRENE	3900
HEXACHLOROBUTADIENE	<1400	INDENO(1,2,3-C,D)PYRENE	1900
1,2,4-TRICHLOROBENZENE	<1400	DIBENZO(A,H)ANTHRACENE	<1400
ISOPHORONE	<1400	BENZO (G,H,I)PERYLENE	1800
NAPHTHALENE	<1400	2-CHLOROPHENOL	<1400
BIS(2-CHL.ETHOXY)METHANE	<1400	2-NITROPHENOL	<1400
CARBAZOLE	1900	PHENOL	<1400
HEXACHLOROCYCLOPENTADIENE	<1400	2,4-DIMETHYLPHENOL	<1400
2-CHLORONAPHTHALENE	<1400	2,4-DICHLOROPHENOL	<1400
ACENAPHTHYLENE	<1400	2,4,6-TRICHLOROPHENOL	<1400
ACENAPHTHENE	<1400	4-CHLORO-3-METHYLPHENOL	<1400
DIMETHYLPHTHALATE	<1400	2,4-DINITROPHENOL	<3500
2,6-DINITROTOLUENE	<1400	2-METH.-4,6-DINITROPHENOL	<3500
FLUORENE	<1400	PENTACHLOROPHENOL	<3500
4-CHL.PHENYL PHENYLETHER	<1400	4-NITROPHENOL	<3500
2,4-DINITROTOLUENE	<1400	2-METHYLPHENOL	<1400
DIETHYL PHTHALATE	<1400	2,4,5-TRICHLOROPHENOL	<3500
N-NITROSODIPHENYLAMINE	<1400	4-METHYLPHENOL	<1400
HEXACHLOROBENZENE	<1400	4-CHLOROANILINE	<1400
4-BROMOPHENYLPHENYLETHER	<1400	2-METHYLNAPHTHALENE	<1400
PHENANTHRENE	3900	2-NITROANILINE	<3500
ANTHRACENE	<1400	3-NITROANILINE	<3500
DI-N-BUTYL PHTHALATE	<1400	DIBENZOFURAN	<1400
FLUORANTHENE	7400	4-NITROANILINE	<3500
PYRENE	10000		
BUTYL BENZYL PHTHALATE	<1400		

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DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/22/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8 WYSDOH ID# 10478

LAB NO: 9622507

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: WB-1/RS
REMARKS:

PCB'S - (ug/kg)

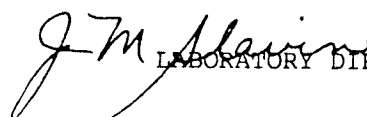
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
AROCLOR 1016	<140		
AROCLOR 1221	<280		
AROCLOR 1232	<140		
AROCLOR 1242	<140		
AROCLOR 1248	<140		
AROCLOR 1254	330		
AROCLOR 1260	<140		

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DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/28/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516)694-3040 FAX:(516)420-8

N.Y. 11747
NYSDOH ID# 10478

LAB NO: 9622507

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

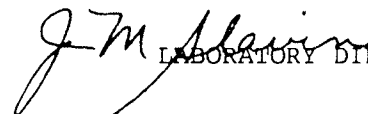
POINT NO:
LOCATION: WB-1/RS
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	138	mg/kg
ALUMINUM	19000	mg/kg
ARSENIC	22.1	mg/kg
BARIUM	106	mg/kg
BERYLLIUM	<2.1	mg/kg
CALCIUM	6900	mg/kg
CADMIUM	6.4	mg/kg
COBALT	<21.4	mg/kg
CHROMIUM	244	mg/kg
COPPER	2280	mg/kg
IRON	26700	mg/kg
MERCURY	1.8	mg/kg
POTASSIUM	1860	mg/kg
MAGNESIUM	6330	mg/kg
MANGANESE	172	mg/kg
SODIUM	402	mg/kg
NICKEL	89.3	mg/kg
LEAD	1390	mg/kg
ANTIMONY	<25.6	mg/kg
SELENIUM	<2.1	mg/kg
THALLIUM	<4.3	mg/kg
TOTAL SOLIDS	23.4	%
VANADIUM	141	mg/kg
ZINC	1190	mg/kg

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DATE ISSUED 08/28/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516) 694-3040 FAX: (516) 420-

N.Y. 11747
NYS DOH ID# 10478

LAB NO: 9622508

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-1/RS
REMARKS:

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

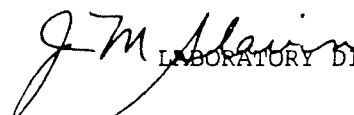
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<10		
CHLOROMETHANE	<10		
VINYL CHLORIDE	<10		
BROMOMETHANE	<10		
CHLOROETHANE	<10		
FLUOROTRICHLOROMETHANE	<10		
1,1-DICHLOROETHENE	<10		
METHYLENE CHLORIDE	<10		
TRANS-1,2-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
CIS-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
1,2-DICHLOROETHANE	<10		
TRICHLOROETHENE	<10		
1,2-DICHLOROPROPANE	<10		
BROMODICHLOROMETHANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
1,1,2-TRICHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
CHLORODIBROMOMETHANE	<10		
CHLOROBENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
M-DICHLOROBENZENE	<10		
P-DICHLOROBENZENE	<10		
O-DICHLOROBENZENE	<10		

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DATE ISSUED 08/28/96

DATE RUN..... 08/12/96
DATE REPORTED.. 08/20/96

ORIGINAL

 LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: CB-1/RS
REMARKS:TCL SEMI-VOLATILE ORGANICS - (ug/kg)

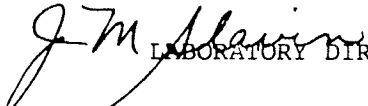
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
1,3-DICHLOROBENZENE	<2000	BIS(2ETHYLHEXYL)PHTHALATE	<2000
1,4-DICHLOROBENZENE	<2000	CHRYSENE	<2000
HEXACHLOROETHANE	<2000	BENZO(A)ANTHRACENE	<2000
BIS(2-CHLOROETHYL)ETHER	<2000	3,3-DICHLOROBENZIDINE	<2000
1,2-DICHLOROBENZENE	<2000	DI-N-OCTYL PHTHALATE	<2000
2,2-OXYBIS(1-CHL. PROPANE)	<2000	BENZO(B)FLUORANTHENE	<2000
N-NITROSO-DI-N-PROPYLAMIN	<2000	BENZO(K)FLUORANTHENE	<2000
NITROBENZENE	<2000	BENZO(A)PYRENE	<2000
HEXACHLOROBUTADIENE	<2000	INDENO(1,2,3-C,D)PYRENE	<2000
1,2,4-TRICHLOROBENZENE	<2000	DIBENZO(A,H)ANTHRACENE	<2000
ISOPHORONE	<2000	BENZO(G,H,I)PERYLENE	<2000
NAPHTHALENE	<2000	2-CHLOROPHENOL	<2000
BIS(2-CHL.ETHOXY)METHANE	<2000	2-NITROPHENOL	<2000
CARBAZOLE	<2000	PHENOL	<2000
HEXACHLOROCYCLOPENTADIENE	<2000	2,4-DIMETHYLPHENOL	<2000
2-CHLORONAPHTHALENE	<2000	2,4-DICHLOROPHENOL	<2000
ACENAPHTHYLENE	<2000	2,4,6-TRICHLOROPHENOL	<2000
ACENAPHTHENE	<2000	4-CHLORO-3-METHYLPHENOL	<2000
DIMETHYLPHTHALATE	<2000	2,4-DINITROPHENOL	<4900
2,6-DINITROTOLUENE	<2000	2-METH.-4,6-DINITROPHENOL	<4900
FLUORENE	<2000	PENTACHLOROPHENOL	<4900
4-CHL.PHENYL PHENYLETHER	<2000	4-NITROPHENOL	<4900
2,4-DINITROTOLUENE	<2000	2-METHYLPHENOL	<2000
DIETHYL PHTHALATE	<2000	2,4,5-TRICHLOROPHENOL	<4900
N-NITROSODIPHENYLAMINE	<2000	4-METHYLPHENOL	<2000
HEXACHLOROBENZENE	<2000	4-CHLOROANILINE	<2000
4-BROMOPHENYLPHENYLETHER	<2000	2-METHYLNAPHTHALENE	<2000
PHENANTHRENE	<2000	2-NITROANILINE	<4900
ANTHRACENE	<2000	3-NITROANILINE	<4900
DI-N-BUTYL PHTHALATE	<2000	DIBENZOFURAN	<2000
FLUORANTHENE	2700	4-NITROANILINE	<4900
PYRENE	3400		
BUTYL BENZYL PHTHALATE	<2000		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/22/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516) 694-3040 FAX: (516) 420-

N.Y. 11747
NYS DOH ID# 10478

LAB NO: 9622508

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-1/RS
REMARKS:

PCB'S - (ug/kg)

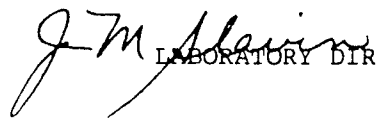
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
AROCLOR 1016	<200		
AROCLOR 1221	<400		
AROCLOR 1232	<200		
AROCLOR 1242	<200		
AROCLOR 1248	<200		
AROCLOR 1254	330		
AROCLOR 1260	<200		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/28/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516)694-3040 FAX:(516)420-8

N.Y. 11747
NYSDOH ID# 10478

LAB NO: 9622509

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

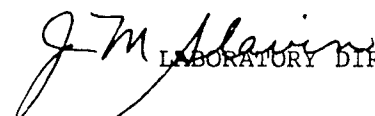
POINT NO:
LOCATION: CB-2/RS
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	84.4	mg/kg
ALUMINUM	15000	mg/kg
ARSENIC	21.0	mg/kg
BARIUM	<174	mg/kg
BERYLLIUM	<4.3	mg/kg
CALCIUM	5220	mg/kg
CADMIUM	30.9	mg/kg
COBALT	<43.5	mg/kg
CHROMIUM	133	mg/kg
COPPER	2550	mg/kg
IRON	19000	mg/kg
MERCURY	1.3	mg/kg
POTASSIUM	1310	mg/kg
MAGNESIUM	5450	mg/kg
MANGANESE	143	mg/kg
SODIUM	4070	mg/kg
NICKEL	66.1	mg/kg
LEAD	<516	mg/kg
ANTIMONY	<52.1	mg/kg
SELENIUM	4.8	mg/kg
THALLIUM	<8.7	mg/kg
TOTAL SOLIDS	11.5	%
VANADIUM	94.8	mg/kg
ZINC	1070	mg/kg

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8- NYSDOH ID# 10478

LAB NO: 9622509

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-2/RS
REMARKS:

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<10		
CHLOROMETHANE	<10		
VINYL CHLORIDE	<10		
BROMOMETHANE	<10		
CHLOROETHANE	<10		
FLUOROTRICHLOROMETHANE	<10		
1,1-DICHLOROETHENE	<10		
METHYLENE CHLORIDE	<10		
TRANS-1,2-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
CIS-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
1,2-DICHLOROETHANE	<10		
TRICHLOROETHENE	<10		
1,2-DICHLOROPROPANE	<10		
BROMODICHLOROMETHANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
1,1,2-TRICHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
CHLORODIBROMOMETHANE	<10		
CHLOROBENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
M-DICHLOROBENZENE	<10		
P-DICHLOROBENZENE	<10		
O-DICHLOROBENZENE	<10		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE RUN..... 08/12/96
DATE REPORTED.. 08/20/96

ORIGINAL

J. M. Slawin
LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: CB-2/RS
REMARKS:TCL SEMI-VOLATILE ORGANICS - (ug/kg)

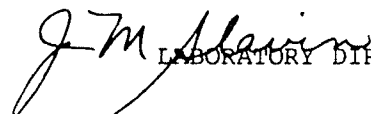
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
1,3-DICHLOROBENZENE	<2900	BIS(2ETHYLHEXYL)PHTHALATE	<2900
1,4-DICHLOROBENZENE	<2900	CHRYSENE	4100
HEXACHLOROETHANE	<2900	BENZO(A)ANTHRACENE	<2900
BIS(2-CHLOROETHYL)ETHER	<2900	3,3-DICHLOROBENZIDINE	<2900
1,2-DICHLOROBENZENE	<2900	DI-N-OCTYL PHTHALATE	<2900
2,2-OXYBIS(1-CHL. PROPANE)	<2900	BENZO(B)FLUORANTHENE	3900
N-NITROSO-DI-N-PROPYLAMIN	<2900	BENZO(K)FLUORANTHENE	3600
NITROBENZENE	<2900	BENZO(A)PYRENE	3100
HEXACHLOROBUTADIENE	<2900	INDENO(1,2,3-C,D)PYRENE	<2900
1,2,4-TRICHLOROBENZENE	<2900	DIBENZO(A,H)ANTHRACENE	<2900
ISOPHORONE	<2900	BENZO (G,H,I)PERYLENE	<2900
NAPHTHALENE	<2900	2-CHLOROPHENOL	<2900
BIS(2-CHL.ETHOXY)METHANE	<2900	2-NITROPHENOL	<2900
CARBAZOLE	<2900	PHENOL	<2900
HEXACHLOROCYCLOPENTADIENE	<2900	2,4-DIMETHYLPHENOL	<2900
2-CHLORONAPHTHALENE	<2900	2,4-DICHLOROPHENOL	<2900
ACENAPHTHYLENE	<2900	2,4,6-TRICHLOROPHENOL	<2900
ACENAPHTHENE	<2900	4-CHLORO-3-METHYLPHENOL	<2900
DIMETHYLPHTHALATE	<2900	2,4-DINITROPHENOL	<7200
2,6-DINITROTOLUENE	<2900	2-METH.-4,6-DINITROPHENOL	<7200
FLUORENE	<2900	PENTACHLOROPHENOL	<7200
4-CHL.PHENYL PHENYLETHER	<2900	4-NITROPHENOL	<7200
2,4-DINITROTOLUENE	<2900	2-METHYLPHENOL	<2900
DIETHYL PHTHALATE	<2900	2,4,5-TRICHLOROPHENOL	<7200
N-NITROSODIPHENYLAMINE	<2900	4-METHYLPHENOL	<2900
HEXACHLOROBENZENE	<2900	4-CHLOROANILINE	<2900
4-BROMOPHENYLPHENYLETHER	<2900	2-METHYLNAPHTHALENE	<2900
PHENANTHRENE	4000	2-NITROANILINE	<7200
ANTHRACENE	<2900	3-NITROANILINE	<7200
DI-N-BUTYL PHTHALATE	<2900	DIBENZOFURAN	<2900
FLUORANTHENE	6700	4-NITROANILINE	<7200
PYRENE	7400		
BUTYL BENZYL PHTHALATE	<2900		

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DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/19/96
DATE REPORTED.. 08/20/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516)694-3040 FAX:(516)420-6

N.Y. 11747
NYSDOH ID# 10478

LAB NO: 9622509

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-2/RS
REMARKS:

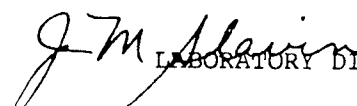
PCB'S - (ug/kg)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
AROCLOR 1016	<35		
AROCLOR 1221	<70		
AROCLOR 1232	<35		
AROCLOR 1242	<35		
AROCLOR 1248	<35		
AROCLOR 1254	720		
AROCLOR 1260	380		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/28/96


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516) 694-3040 FAX: (516) 420-8

N.Y. 11747
NYS DOH ID# 10478

LAB NO: 9622510

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

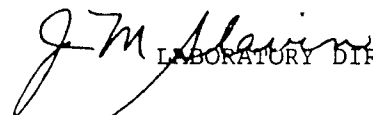
POINT NO:
LOCATION: CB-3/RS
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	128	mg/kg
ALUMINUM	14500	mg/kg
ARSENIC	19.0	mg/kg
BARIUM	<128	mg/kg
BERYLLIUM	<3.2	mg/kg
CALCIUM	5200	mg/kg
CADMIUM	7.1	mg/kg
COBALT	<32	mg/kg
CHROMIUM	170	mg/kg
COPPER	3200	mg/kg
IRON	22200	mg/kg
MERCURY	2.3	mg/kg
POTASSIUM	1070	mg/kg
MAGNESIUM	4500	mg/kg
MANGANESE	128	mg/kg
SODIUM	1080	mg/kg
NICKEL	76.9	mg/kg
LEAD	624	mg/kg
ANTIMONY	<38.5	mg/kg
SELENIUM	<3.2	mg/kg
THALLIUM	<6.4	mg/kg
TOTAL SOLIDS	15.6	%
VANADIUM	107	mg/kg
ZINC	1500	mg/kg

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516) 694-3040 FAX: (516) 420-1

N.Y. 11747
NYS DOH ID# 10478

LAB NO: 9622510

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-3/RS
REMARKS:

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<10		
CHLOROMETHANE	<10		
VINYL CHLORIDE	<10		
BROMOMETHANE	<10		
CHLOROETHANE	<10		
FLUOROTRICHLOROMETHANE	<10		
1,1-DICHLOROETHENE	<10		
METHYLENE CHLORIDE	<10		
TRANS-1,2-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
CIS-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
1,2-DICHLOROETHANE	<10		
TRICHLOROETHENE	<10		
1,2-DICHLOROPROPANE	<10		
BROMODICHLOROMETHANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
1,1,2-TRICHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
CHLORODIBROMOMETHANE	<10		
CHLOROBENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
M-DICHLOROBENZENE	<10		
P-DICHLOROBENZENE	<10		
O-DICHLOROBENZENE	<10		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE RUN..... 08/13/96
DATE REPORTED.. 08/20/96

ORIGINAL

J. M. Slavin
LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-3/RS
REMARKS:

TCL SEMI-VOLATILE ORGANICS - (ug/kg)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
1,3-DICHLOROBENZENE	<2100	BIS(2ETHYLHEXYL)PHTHALATE	<2100
1,4-DICHLOROBENZENE	<2100	CHRYSENE	4700
HEXACHLOROETHANE	<2100	BENZO(A)ANTHRACENE	3600
BIS(2-CHLOROETHYL)ETHER	<2100	3,3-DICHLOROBENZIDINE	<2100
1,2-DICHLOROBENZENE	<2100	DI-N-OCTYL PHTHALATE	<2100
2,2-OXYBIS(1-CHL. PROPANE)	<2100	BENZO(B)FLUORANTHENE	4300
N-NITROSO-DI-N-PROPYLAMINE	<2100	BENZO(K)FLUORANTHENE	4900
NITROBENZENE	<2100	BENZO(A)PYRENE	3700
HEXACHLOROBUTADIENE	<2100	INDENO(1,2,3-C,D)PYRENE	<2100
1,2,4-TRICHLOROBENZENE	<2100	DIBENZO(A,H)ANTHRACENE	<2100
ISOPHORONE	<2100	BENZO (G,H,I)PERYLENE	<2100
NAPHTHALENE	<2100	2-CHLOROPHENOL	<2100
BIS(2-CHL.ETHOXY)METHANE	<2100	2-NITROPHENOL	<2100
CARBAZOLE	2400	PHENOL	<2100
HEXACHLOROCYCLOPENTADIENE	<2100	2,4-DIMETHYLPHENOL	<2100
2-CHLORONAPHTHALENE	<2100	2,4-DICHLOROPHENOL	<2100
ACENAPHTHYLENE	<2100	2,4,6-TRICHLOROPHENOL	<2100
ACENAPHTHENE	<2100	4-CHLORO-3-METHYLPHENOL	<2100
DIMETHYLPHTHALATE	<2100	2,4-DINITROPHENOL	<5300
2,6-DINITROTOLUENE	<2100	2-METH.-4,6-DINITROPHENOL	<5300
FLUORENE	<2100	PENTACHLOROPHENOL	<5300
4-CHL.PHENYL PHENYLETHER	<2100	4-NITROPHENOL	<5300
2,4-DINITROTOLUENE	<2100	2-METHYLPHENOL	<2100
DIETHYL PHTHALATE	<2100	2,4,5-TRICHLOROPHENOL	<5300
N-NITROSODIPHENYLAMINE	<2100	4-METHYLPHENOL	<2100
HEXACHLOROBENZENE	<2100	4-CHLOROANILINE	<2100
4-BROMOPHENYLPHENYLETHER	<2100	2-METHYLNAPHTHALENE	<2100
PHENANTHRENE	5000	2-NITROANILINE	<5300
ANTHRACENE	<2100	3-NITROANILINE	<5300
DI-N-BUTYL PHTHALATE	<2100	DIBENZOFURAN	<2100
FLUORANTHENE	7400	4-NITROANILINE	<5300
PYRENE	8700		
BUTYL BENZYL PHTHALATE	<2100		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/22/96

ORIGINAL

J. M. Dimino
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516)694-3040 FAX:(516)420-8

N.Y. 11747
NYSDOH ID# 10478

LAB NO: 9622510

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-3/RS
REMARKS:

PCB'S - (ug/kg)

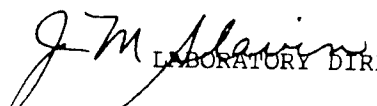
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
AROCLOR 1016	<210		
AROCLOR 1221	<420		
AROCLOR 1232	<210		
AROCLOR 1242	<210		
AROCLOR 1248*	<210		
AROCLOR 1254	1400		
AROCLOR 1260	500		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/28/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516) 694-3040 FAX: (516) 420-8

N.Y. 11747
NYSDOH ID# 10478

LAB NO: 9622511

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

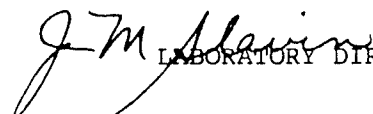
POINT NO:
LOCATION: CB-4/RS
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	33.6	mg/kg
ALUMINUM	7280	mg/kg
ARSENIC	10.8	mg/kg
BARIUM	<89.5	mg/kg
BERYLLIUM	<2.2	mg/kg
CALCIUM	3090	mg/kg
CADMIUM	2.7	mg/kg
COBALT	<22.4	mg/kg
CHROMIUM	74.3	mg/kg
COPPER	1210	mg/kg
IRON	11200	mg/kg
MERCURY	0.56	mg/kg
POTASSIUM	576	mg/kg
MAGNESIUM	3050	mg/kg
MANGANESE	83.2	mg/kg
SODIUM	876	mg/kg
NICKEL	35.8	mg/kg
LEAD	226	mg/kg
ANTIMONY	<26.9	mg/kg
SELENIUM	2.4	mg/kg
THALLIUM	<4.5	mg/kg
TOTAL SOLIDS	22.6	%
VANADIUM	44.8	mg/kg
ZINC	580	mg/kg

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

ORIGINAL


LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-4/RS
REMARKS:

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

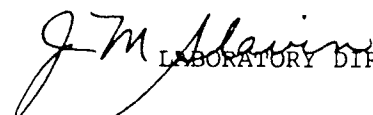
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<10		
CHLOROMETHANE	<10		
VINYL CHLORIDE	<10		
BROMOMETHANE	<10		
CHLOROETHANE	<10		
FLUOROTRICHLOROMETHANE	<10		
1,1-DICHLOROETHENE	<10		
METHYLENE CHLORIDE	<10		
TRANS-1,2-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
CIS-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
1,2-DICHLOROETHANE	<10		
TRICHLOROETHENE	<10		
1,2-DICHLOROPROPANE	<10		
BROMODICHLOROMETHANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
1,1,2-TRICHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
CHLORODIBROMOMETHANE	<10		
CHLOROBENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
M-DICHLOROBENZENE	<10		
P-DICHLOROBENZENE	<10		
O-DICHLOROBENZENE	<10		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE RUN..... 08/13/96
DATE REPORTED.. 08/20/96

ORIGINAL

 LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: CB-4/RS
REMARKS:TCL SEMI-VOLATILE ORGANICS - (ug/kg)

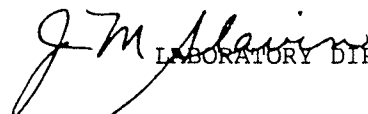
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
1,3-DICHLOROBENZENE	<1500	BIS(2ETHYLHEXYL)PHTHALATE	<1500
1,4-DICHLOROBENZENE	<1500	CHRYSENE	3100
HEXACHLOROETHANE	<1500	BENZO(A)ANTHRACENE	2800
BIS(2-CHLOROETHYL)ETHER	<1500	3,3-DICHLOROBENZIDINE	<1500
1,2-DICHLOROBENZENE	<1500	DI-N-OCTYL PHTHALATE	<1500
2,2-OXYBIS(1-CHL. PROPANE)	<1500	BENZO(B)FLUORANTHENE	2400
N-NITROSO-DI-N-PROPYLAMIN	<1500	BENZO(K)FLUORANTHENE	2600
NITROBENZENE	<1500	BENZO(A)PYRENE	2300
HEXACHLOROBUTADIENE	<1500	INDENO(1,2,3-C,D)PYRENE	<1500
1,2,4-TRICHLOROBENZENE	<1500	DIBENZO(A,H)ANTHRACENE	<1500
ISOPHORONE	<1500	BENZO (G,H,I)PERYLENE	<1500
NAPHTHALENE	<1500	2-CHLOROPHENOL	<1500
BIS(2-CHL.ETHOXY)METHANE	<1500	2-NITROPHENOL	<1500
CARBAZOLE	2500	PHENOL	<1500
HEXACHLOROCYCLOPENTADIENE	<1500	2,4-DIMETHYLPHENOL	<1500
2-CHLORONAPHTHALENE	<1500	2,4-DICHLOROPHENOL	<1500
ACENAPHTHYLENE	<1500	2,4,6-TRICHLOROPHENOL	<1500
ACENAPHTHENE	<1500	4-CHLORO-3-METHYLPHENOL	<1500
DIMETHYLPHTHALATE	<1500	2,4-DINITROPHENOL	<3700
2,6-DINITROTOLUENE	<1500	2-METH.-4,6-DINITROPHENOL	<3700
FLUORENE	<1500	PENTACHLOROPHENOL	<3700
4-CHL.PHENYL PHENYLETHER	<1500	4-NITROPHENOL	<3700
2,4-DINITROTOLUENE	<1500	2-METHYLPHENOL	<1500
DIETHYL PHTHALATE	<1500	2,4,5-TRICHLOROPHENOL	<3700
N-NITROSODIPHENYLAMINE	<1500	4-METHYLPHENOL	<1500
HEXACHLOROBENZENE	<1500	4-CHLOROANILINE	<1500
4-BROMOPHENYLPHENYLETHER	<1500	2-METHYLNAPHTHALENE	<1500
PHENANTHRENE	5100	2-NITROANILINE	<3700
ANTHRACENE	1700	3-NITROANILINE	<3700
DI-N-BUTYL PHTHALATE	<1500	DIBENZOFURAN	<1500
FLUORANTHENE	5400	4-NITROANILINE	<3700
PYRENE	6600		
BUTYL BENZYL PHTHALATE	<1500		

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DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/24/96
DATE REPORTED.. 08/26/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516)694-3040 FAX:(516)420-1

N.Y. 11747
NYS DOH ID# 10478

LAB NO: 9622511

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: CB-4/RS
REMARKS:

PCB'S - (ug/kg)

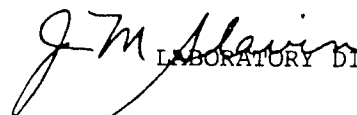
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
AROCLOR 1016	<150		
AROCLOR 1221	<290		
AROCLOR 1232	<150		
AROCLOR 1242	<150		
AROCLOR 1248*	<150		
AROCLOR 1254	150		
AROCLOR 1260	<150		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/28/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville
(516)694-3040 FAX:(516)420-8

N.Y. 11747
NYS DOH ID# 10478

LAB NO: 9622512

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

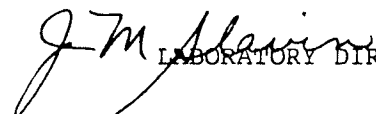
POINT NO:
LOCATION: EB-1/RS
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	3.1	mg/kg
ALUMINUM	2600	mg/kg
ARSENIC	2.3	mg/kg
BARIUM	<24.7	mg/kg
BERYLLIUM	<0.62	mg/kg
CALCIUM	294	mg/kg
CADMIUM	<0.62	mg/kg
COBALT	<6.2	mg/kg
CHROMIUM	8.7	mg/kg
COPPER	67.4	mg/kg
IRON	8030	mg/kg
MERCURY	<0.09	mg/kg
POTASSIUM	334	mg/kg
MAGNESIUM	817	mg/kg
MANGANESE	47.4	mg/kg
SODIUM	44.1	mg/kg
NICKEL	10.9	mg/kg
LEAD	27.4	mg/kg
ANTIMONY	<7.4	mg/kg
SELENIUM	<0.62	mg/kg
THALLIUM	<1.2	mg/kg
TOTAL SOLIDS	80.9	%
VANADIUM	6.2	mg/kg
ZINC	69.6	mg/kg

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DATE ISSUED 08/28/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8104
NYS DOH ID# 10478

LAB NO: 9622512

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: EB-1/RS
REMARKS:

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	<2		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	<2		

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DATE ISSUED 08/28/96

DATE RUN..... 08/13/96
DATE REPORTED.. 08/20/96

ORIGINAL

J M Dimino
LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: EB-1/RS
REMARKS:TCL SEMI-VOLATILE ORGANICS - (ug/kg)

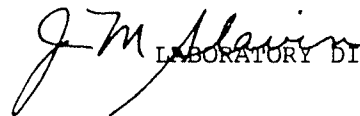
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
1,3-DICHLOROBENZENE	<410	BIS(2ETHYLHEXYL)PHTHALATE	<410
1,4-DICHLOROBENZENE	<410	CHRYSENE	1900
HEXACHLOROETHANE	<410	BENZO(A)ANTHRACENE	1500
BIS(2-CHLOROETHYL)ETHER	<410	3,3-DICHLOROBENZIDINE	<410
1,2-DICHLOROBENZENE	<410	DI-N-OCTYL PHTHALATE	<410
2,2-OXYBIS(1-CHL. PROPANE)	<410	BENZO(B)FLUORANTHENE	1800
N-NITROSO-DI-N-PROPYLAMIN	<410	BENZO(K)FLUORANTHENE	1600
NITROBENZENE	<410	BENZO(A)PYRENE	1400
HEXACHLOROBUTADIENE	<410	INDENO(1,2,3-C,D)PYRENE	500
1,2,4-TRICHLOROBENZENE	<410	DIBENZO(A,H)ANTHRACENE	<410
ISOPHORONE	<410	BENZO (G,H,I)PERYLENE	420
NAPHTHALENE	<410	2-CHLOROPHENOL	<410
BIS(2-CHL.ETHOXY)METHANE	<410	2-NITROPHENOL	<410
CARBAZOLE	930	PHENOL	<410
HEXACHLOROCYCLOPENTADIENE	<410	2,4-DIMETHYLPHENOL	<410
2-CHLORONAPHTHALENE	<410	2,4-DICHLOROPHENOL	<410
ACENAPHTHYLENE	<410	2,4,6-TRICHLOROPHENOL	<410
ACENAPHTHENE	<410	4-CHLORO-3-METHYLPHENOL	<410
DIMETHYLPHTHALATE	<410	2,4-DINITROPHENOL	<1000
2,6-DINITROTOLUENE	<410	2-METH.-4,6-DINITROPHENOL	<1000
FLUORENE	<410	PENTACHLOROPHENOL	<1000
4-CHL.PHENYL PHENYLETHER	<410	4-NITROPHENOL	<1000
2,4-DINITROTOLUENE	<410	2-METHYLPHENOL	<410
DIETHYL PHTHALATE	<410	2,4,5-TRICHLOROPHENOL	<1000
N-NITROSODIPHENYLAMINE	<410	4-METHYLPHENOL	<410
HEXACHLOROBENZENE	<410	4-CHLOROANILINE	<410
4-BROMOPHENYLPHENYLETHER	<410	2-METHYLNAPHTHALENE	<410
PHENANTHRENE	2100	2-NITROANILINE	<1000
ANTHRACENE	650	3-NITROANILINE	<1000
DI-N-BUTYL PHTHALATE	<410	DIBENZOFURAN	<410
FLUORANTHENE	2500	4-NITROANILINE	<1000
PYRENE	3800		
BUTYL BENZYL PHTHALATE	<410		

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DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/22/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 420-1047 NYS DOH ID# 10478

LAB NO: 9622512

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: EB-1/RS
REMARKS:

PCB'S - (ug/kg)

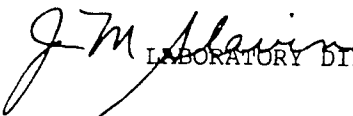
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
AROCLOR 1016	-		
AROCLOR 1221	<82		
AROCLOR 1232	<41		
AROCLOR 1242	530		
AROCLOR 1248	<41		
AROCLOR 1254	280		
AROCLOR 1260	70		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE RUN..... 08/21/96
DATE REPORTED.. 08/28/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8 NYSDOH ID# 10478

LAB NO: 9622513

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

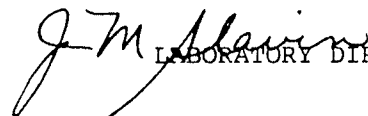
POINT NO:
LOCATION: EB-2/RS
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	173	mg/kg
ALUMINUM	18200	mg/kg
ARSENIC	14.5	mg/kg
BARIUM	99.5	mg/kg
BERYLLIUM	<2.4	mg/kg
CALCIUM	5200	mg/kg
CADMIUM	8.2	mg/kg
COBALT	<24.2	mg/kg
CHROMIUM	160	mg/kg
COPPER	2190	mg/kg
IRON	21100	mg/kg
MERCURY	2.5	mg/kg
POTASSIUM	1360	mg/kg
MAGNESIUM	4970	mg/kg
MANGANESE	147	mg/kg
SODIUM	543	mg/kg
NICKEL	86.0	mg/kg
LEAD	1170	mg/kg
ANTIMONY	<29.0	mg/kg
SELENIUM	<2.4	mg/kg
THALLIUM	<4.8	mg/kg
TOTAL SOLIDS	20.7	%
VANADIUM	149	mg/kg
ZINC	1190	mg/kg

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DATE ISSUED 08/28/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-1111 NYSDOH ID# 10478

LAB NO: 9622513

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: EB-2/RS
REMARKS:

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<10		
CHLOROMETHANE	<10		
VINYL CHLORIDE	<10		
BROMOMETHANE	<10		
CHLOROETHANE	<10		
FLUOROTRICHLOROMETHANE	<10		
1,1-DICHLOROETHENE	<10		
METHYLENE CHLORIDE	<10		
TRANS-1,2-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
CIS-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
1,2-DICHLOROETHANE	<10		
TRICHLOROETHENE	<10		
1,2-DICHLOROPROPANE	<10		
BROMODICHLOROMETHANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
1,1,2-TRICHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
CHLORODIBROMOMETHANE	<10		
CHLOROBENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
M-DICHLOROBENZENE	<10		
P-DICHLOROBENZENE	<10		
O-DICHLOROBENZENE	<10		

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DATE ISSUED 08/28/96

DATE RUN..... 08/13/96
DATE REPORTED.. 08/20/96

ORIGINAL

J. M. Slavin
LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: EB-2/RS
REMARKS:TCL SEMI-VOLATILE ORGANICS - (ug/kg)

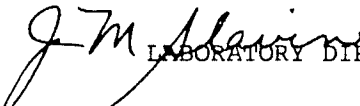
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
1,3-DICHLOROBENZENE	<1600	BIS(2ETHYLHEXYL)PHTHALATE	<1600
1,4-DICHLOROBENZENE	<1600	CHRYSENE	5500
HEXACHLOROETHANE	<1600	BENZO(A)ANTHRACENE	7800
BIS(2-CHLOROETHYL)ETHER	<1600	3,3-DICHLOROBENZIDINE	<1600
1,2-DICHLOROBENZENE	<1600	DI-N-OCTYL PHTHALATE	<1600
2,2-OXYBIS(1-CHL. PROPANE)	<1600	BENZO(B)FLUORANTHENE	7800
N-NITROSO-DI-N-PROPYLAMIN	<1600	BENZO(K)FLUORANTHENE	8100
NITROBENZENE	<1600	BENZO(A)PYRENE	5500
HEXACHLOROBUTADIENE	<1600	INDENO(1,2,3-C,D)PYRENE	2800
1,2,4-TRICHLOROBENZENE	<1600	DIBENZO(A,H)ANTHRACENE	1700
ISOPHORONE	<1600	BENZO (G,H,I)PERYLENE	2600
NAPHTHALENE	<1600	2-CHLOROPHENOL	<1600
BIS(2-CHL.ETHOXY)METHANE	<1600	2-NITROPHENOL	<1600
CARBAZOLE	2500	PHENOL	<1600
HEXACHLOROCYCLOPENTADIENE	<1600	2,4-DIMETHYLPHENOL	<1600
2-CHLORONAPHTHALENE	<1600	2,4-DICHLOROPHENOL	<1600
ACENAPHTHYLENE	<1600	2,4,6-TRICHLOROPHENOL	<1600
ACENAPHTHENE	<1600	4-CHLORO-3-METHYLPHENOL	<1600
DIMETHYLPHTHALATE	<1600	2,4-DINITROPHENOL	<4000
2,6-DINITROTOLUENE	<1600	2-METH.-4,6-DINITROPHENOL	<4000
FLUORENE	<1600	PENTACHLOROPHENOL	<4000
4-CHL.PHENYL PHENYLETHER	<1600	4-NITROPHENOL	<4000
2,4-DINITROTOLUENE	<1600	2-METHYLPHENOL	<1600
DIETHYL PHTHALATE	<1600	2,4,5-TRICHLOROPHENOL	<4000
N-NITROSODIPHENYLAMINE	<1600	4-METHYLPHENOL	<1600
HEXACHLOROBENZENE	<1600	4-CHLOROANILINE	<1600
4-BROMOPHENYLPHENYLETHER	<1600	2-METHYLNAPHTHALENE	<1600
PHENANTHRENE	5700	2-NITROANILINE	<4000
ANTHRACENE	1700	3-NITROANILINE	<4000
DI-N-BUTYL PHTHALATE	<1600	DIBENZOFURAN	<1600
FLUORANTHENE	8400	4-NITROANILINE	<4000
PYRENE	19000		
BUTYL BENZYL PHTHALATE	<1600		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/22/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-7 NYSDOH ID# 10478

LAB NO: 9622513

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: EB-2/RS
REMARKS:

PCB'S - (ug/kg)

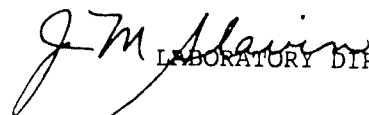
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
AROCLOR 1016	<160		
AROCLOR 1221	<320		
AROCLOR 1232	<160		
AROCLOR 1242	<160		
AROCLOR 1248*	<160		
AROCLOR 1254	370		
AROCLOR 1260	490		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/28/96

ORIGINAL


LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

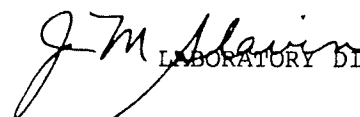
POINT NO:
LOCATION: EB-3/RS
REMARKS:

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	180	mg/kg
ALUMINUM	20200	mg/kg
ARSENIC	16.0	mg/kg
BARIUM	<124	mg/kg
BERYLLIUM	<3.1	mg/kg
CALCIUM	5680	mg/kg
CADMIUM	7.5	mg/kg
COBALT	<31.0	mg/kg
CHROMIUM	170	mg/kg
COPPER	2430	mg/kg
IRON	22600	mg/kg
MERCURY	2.7	mg/kg
POTASSIUM	1410	mg/kg
MAGNESIUM	5440	mg/kg
MANGANESE	160	mg/kg
SODIUM	600	mg/kg
NICKEL	83.8	mg/kg
LEAD	1190	mg/kg
ANTIMONY	<37.0	mg/kg
SELENIUM	3.2	mg/kg
THALLIUM	<6.2	mg/kg
TOTAL SOLIDS	16.1	%
VANADIUM	154	mg/kg
ZINC	1200	mg/kg

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

ORIGINAL


LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: EB-3/RS
REMARKS:VOLATILE ORGANIC COMPOUNDS - (ug/kg)

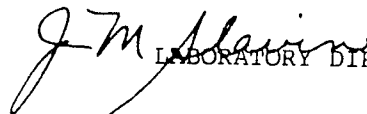
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<10		
CHLOROMETHANE	<10		
VINYL CHLORIDE	<10		
BROMOMETHANE	<10		
CHLOROETHANE	<10		
FLUOROTRICHLOROMETHANE	<10		
1,1-DICHLOROETHENE	<10		
METHYLENE CHLORIDE	<10		
TRANS-1,2-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
CIS-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
1,2-DICHLOROETHANE	<10		
TRICHLOROETHENE	<10		
1,2-DICHLOROPROPANE	<10		
BROMODICHLOROMETHANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
1,1,2-TRICHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
CHLORODIBROMOMETHANE	<10		
CHLOROBENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
M-DICHLOROBENZENE	<10		
P-DICHLOROBENZENE	<10		
O-DICHLOROBENZENE	<10		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE RUN..... 08/13/96
DATE REPORTED.. 08/20/96

ORIGINAL


LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MSIP10
365 LAKEVILLE RD.
GREAT NECK, NY 11020TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRABDATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5POINT NO:
LOCATION: EB-3/RS
REMARKS:TCL SEMI-VOLATILE ORGANICS - (ug/kg)

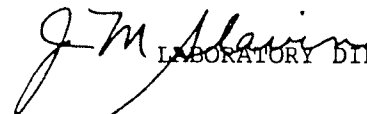
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
1,3-DICHLOROBENZENE	<2000	BIS(2ETHYLHEXYL)PHTHALATE	<2000
1,4-DICHLOROBENZENE	<2000	CHRYSENE	12000
HEXACHLOROETHANE	<2000	BENZO(A)ANTHRACENE	8100
BIS(2-CHLOROETHYL)ETHER	<2000	3,3-DICHLOROBENZIDINE	<2000
1,2-DICHLOROBENZENE	<2000	DI-N-OCTYL PHTHALATE	<2000
2,2-OXYBIS(1-CHL. PROPANE)	<2000	BENZO(B)FLUORANTHENE	14000
N-NITROSO-DI-N-PROPYLAMIN	<2000	BENZO(K)FLUORANTHENE	11000
NITROBENZENE	<2000	BENZO(A)PYRENE	4900
HEXACHLOROBUTADIENE	<2000	INDENO(1,2,3-C,D)PYRENE	4900
1,2,4-TRICHLOROBENZENE	<2000	DIBENZO(A,H)ANTHRACENE	3100
ISOPHORONE	<2000	BENZO (G,H,I)PERYLENE	4600
NAPHTHALENE	<2000	2-CHLOROPHENOL	<2000
BIS(2-CHL.ETHOXY)METHANE	<2000	2-NITROPHENOL	<2000
CARBAZOLE	3200	PHENOL	<2000
HEXACHLOROCYCLOPENTADIENE	<2000	2,4-DIMETHYLPHENOL	<2000
2-CHLORONAPHTHALENE	<2000	2,4-DICHLOROPHENOL	<2000
ACENAPHTHYLENE	<2000	2,4,6-TRICHLOROPHENOL	<2000
ACENAPHTHENE	<2000	4-CHLORO-3-METHYLPHENOL	<2000
DIMETHYLPHTHALATE	<2000	2,4-DINITROPHENOL	<5000
2,6-DINITROTOLUENE	<2000	2-METH.-4,6-DINITROPHENOL	<5000
FLUORENE	<2000	PENTACHLOROPHENOL	<5000
4-CHL.PHENYL PHENYLETHER	<2000	4-NITROPHENOL	<5000
2,4-DINITROTOLUENE	<2000	2-METHYLPHENOL	<2000
DIETHYL PHTHALATE	<2000	2,4,5-TRICHLOROPHENOL	<5000
N-NITROSODIPHENYLAMINE	<2000	4-METHYLPHENOL	<2000
HEXACHLOROBENZENE	<2000	4-CHLOROANILINE	<2000
4-BROMOPHENYLPHENYLETHER	<2000	2-METHYLNAPHTHALENE	<2000
PHENANTHRENE	8100	2-NITROANILINE	<5000
ANTHRACENE	2100	3-NITROANILINE	<5000
DI-N-BUTYL PHTHALATE	<2000	DIBENZOFURAN	<2000
FLUORANTHENE	12000	4-NITROANILINE	<5000
PYRENE	29000E		
BUTYL BENZYL PHTHALATE	<2000		

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DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/26/96

ORIGINAL


LABORATORY DIRECTOR

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: EB-3/RS
REMARKS:

TCL SEMI-VOLATILE ORGANICS - (ug/kg)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
1,3-DICHLOROBENZENE	<4000	BIS(2ETHYLHEXYL)PHTHALATE	<4000
1,4-DICHLOROBENZENE	<4000	CHRYSENE	12000D
HEXACHLOROETHANE	<4000	BENZO(A)ANTHRACENE	7900D
BIS(2-CHLOROETHYL)ETHER	<4000	3,3-DICHLOROBENZIDINE	<4000
1,2-DICHLOROBENZENE	<4000	DI-N-OCTYL PHTHALATE	<4000
2,2-OXYBIS(1-CHL. PROPANE)	<4000	BENZO(B)FLUORANTHENE	13000D
N-NITROSO-DI-N-PROPYLAMIN	<4000	BENZO(K)FLUORANTHENE	10000D
NITROBENZENE	<4000	BENZO(A)PYRENE	8300D
HEXACHLOROBUTADIENE	<4000	INDENO(1,2,3-C,D)PYRENE	4800D
1,2,4-TRICHLOROBENZENE	<4000	DIBENZO(A,H)ANTHRACENE	<4000
ISOPHORONE	<4000	BENZO (G,H,I)PERYLENE	4700D
NAPHTHALENE	<4000	2-CHLOROPHENOL	<4000
BIS(2-CHL.ETHOXY)METHANE	<4000	2-NITROPHENOL	<4000
CARBAZOLE	<4000	PHENOL	<4000
HEXACHLOROCYCLOPENTADIENE	<4000	2,4-DIMETHYLPHENOL	<4000
2-CHLORONAPHTHALENE	<4000	2,4-DICHLOROPHENOL	<4000
ACENAPHTHYLENE	<4000	2,4,6-TRICHLOROPHENOL	<4000
ACENAPHTHENE	<4000	4-CHLORO-3-METHYLPHENOL	<4000
DIMETHYLPHTHALATE	<4000	2,4-DINITROPHENOL	<10000
2,6-DINITROTOLUENE	<4000	2-METH.-4,6-DINITROPHENOL	<10000
FLUORENE	<4000	PENTACHLOROPHENOL	<10000
4-CHL. PHENYL PHENYLETHER	<4000	4-NITROPHENOL	<10000
2,4-DINITROTOLUENE	<4000	2-METHYLPHENOL	<4000
DIETHYL PHTHALATE	<4000	2,4,5-TRICHLOROPHENOL	<10000
N-NITROSODIPHENYLAMINE	<4000	4-METHYLPHENOL	<4000
HEXACHLOROBENZENE	<4000	4-CHLOROANILINE	<4000
4-BROMOPHENYLPHENYLETHER	<4000	2-METHYLNAPHTHALENE	<4000
PHENANTHRENE	7900D	2-NITROANILINE	<10000
ANTHRACENE	<4000	3-NITROANILINE	<10000
DI-N-BUTYL PHTHALATE	<4000	DIBENZOFURAN	<4000
FLUORANTHENE	12000D	4-NITROANILINE	<10000
PYRENE	29000D		
BUTYL BENZYL PHTHALATE	<4000		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/24/96
DATE REPORTED.. 08/26/96

ORIGINAL

J. M. Martin
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8) NYSDOH ID# 10478

LAB NO: 9622514

LOCKHEED MARTIN
JOHN DIMINO-MS1P10
365 LAKEVILLE RD.
GREAT NECK, NY 11020

TYPE..... MISCELLANEOUS SOLID
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/08/96
DATE RECEIVED.. 08/09/96
COLLECTED BY... BHM03
PROJECT NO..... LORL9606T5

POINT NO:
LOCATION: EB-3/RS
REMARKS:

PCB'S - (ug/kg)

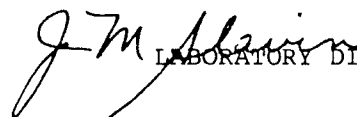
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
AROCLOR 1016	<200		
AROCLOR 1221	<410		
AROCLOR 1232	<200		
AROCLOR 1242	260		
AROCLOR 1248	<200		
AROCLOR 1254	990		
AROCLOR 1260	890		

COPIES TO: BHM/RJB

DATE ISSUED 08/28/96

DATE EXTRACTED. 08/12/96
DATE RUN..... 08/21/96
DATE REPORTED.. 08/28/96

ORIGINAL


LABORATORY DIRECTOR

DRY WELL AREA
ANALYTICAL RESULTS

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627613

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 10-11
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

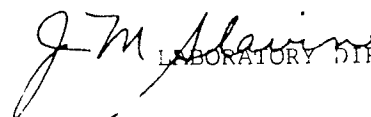
TOTAL SOLIDS

89.6 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 10-11
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (mg/kg)

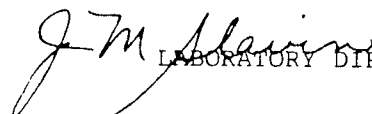
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<0.2		
CHLOROMETHANE	<0.2		
VINYL CHLORIDE	<0.2		
BROMOMETHANE	<0.2		
CHLOROETHANE	<0.2		
FLUOROTRICHLOROMETHANE	<0.2		
1,1-DICHLOROETHENE	<0.2		
METHYLENE CHLORIDE	<0.2		
TRANS-1,2-DICHLOROETHENE	<0.2		
1,1-DICHLOROETHANE	<0.2		
CIS-1,2-DICHLOROETHENE	1.3		
CHLOROFORM	0.3		
1,1,1-TRICHLOROETHANE	<0.2		
CARBON TETRACHLORIDE	<0.2		
1,2-DICHLOROETHANE	<0.2		
TRICHLOROETHENE	82		
1,2-DICHLOROPROPANE	<0.2		
BROMODICHLOROMETHANE	<0.2		
TRANS-1,3-DICHLOROPROPENE	<0.2		
CIS-1,3-DICHLOROPROPENE	<0.2		
1,1,2-TRICHLOROETHANE	<0.2		
TETRACHLOROETHENE	1700		
CHLORODIBROMOMETHANE	<0.2		
CHLOROBENZENE	<0.2		
BROMOFORM	<0.2		
1,1,2,2-TETRACHLOROETHANE	<0.2		
M-DICHLOROBENZENE	0.4		
P-DICHLOROBENZENE	2.6		
O-DICHLOROBENZENE	16		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627613

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 10-11
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (mg/kg)

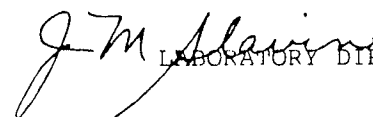
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	17		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

OPIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627614

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 11-12
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

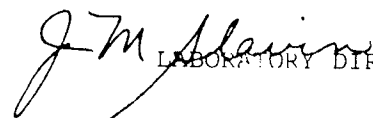
TOTAL SOLIDS

89.9 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 11-12
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (mg/kg)

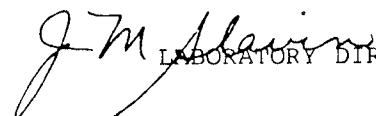
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<0.2		
CHLOROMETHANE	<0.2		
VINYL CHLORIDE	<0.2		
BROMOMETHANE	<0.2		
CHLOROETHANE	<0.2		
FLUOROTRICHLOROMETHANE	<0.2		
1,1-DICHLOROETHENE	<0.2		
METHYLENE CHLORIDE	<0.2		
TRANS-1,2-DICHLOROETHENE	<0.2		
1,1-DICHLOROETHANE	<0.2		
CIS-1,2-DICHLOROETHENE	0.4		
CHLOROFORM	<0.2		
1,1,1-TRICHLOROETHANE	<0.2		
CARBON TETRACHLORIDE	<0.2		
1,2-DICHLOROETHANE	<0.2		
TRICHLOROETHENE	35		
1,2-DICHLOROPROPANE	<0.2		
BROMODICHLOROMETHANE	<0.2		
TRANS-1,3-DICHLOROPROPENE	<0.2		
CIS-1,3-DICHLOROPROPENE	<0.2		
1,1,2-TRICHLOROETHANE	<0.2		
TETRACHLOROETHENE	260		
CHLORODIBROMOMETHANE	<0.2		
CHLOROBENZENE	<0.2		
BROMOFORM	<0.2		
1,1,2,2-TETRACHLOROETHANE	<0.2		
M-DICHLOROBENZENE	<0.2		
P-DICHLOROBENZENE	0.2		
O-DICHLOROBENZENE	1.1		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627614

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 11-12
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (mg/kg)

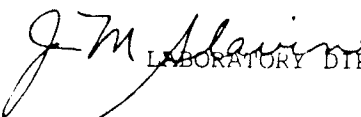
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	3		

COPIES TO: SYL

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 11'-12'

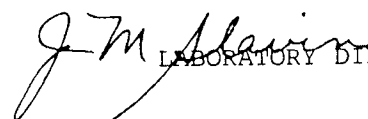
REMARKS: LOCKHEED MARTIN, GREAT NECK

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<1.1	mg/kg
ARSENIC	6.5	mg/kg
BERYLLIUM	<0.56	mg/kg
CADMIUM	2.6	mg/kg
CHROMIUM	129	mg/kg
COPPER	534	mg/kg
MERCURY	2.6	mg/kg
NICKEL	37.5	mg/kg
LEAD	261	mg/kg
ANTIMONY	<6.7	mg/kg
SELENIUM	1.1	mg/kg
THALLIUM	<1.1	mg/kg
ZINC	322	mg/kg

COPIES TO: RJB

DATE ISSUED 10/16/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627615

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 12-14
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

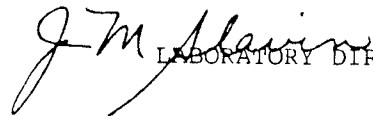
TOTAL SOLIDS

88.0 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 12-14
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (mg/kg)

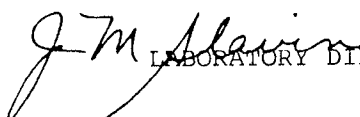
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<0.2		
CHLOROMETHANE	<0.2		
VINYL CHLORIDE	<0.2		
BROMOMETHANE	<0.2		
CHLOROETHANE	<0.2		
FLUOROTRICHLOROMETHANE	<0.2		
1,1-DICHLOROETHENE	<0.2		
METHYLENE CHLORIDE	<0.2		
TRANS-1,2-DICHLOROETHENE	<0.2		
1,1-DICHLOROETHANE	<0.2		
CIS-1,2-DICHLOROETHENE	3.3		
CHLOROFORM	<0.2		
1,1,1-TRICHLOROETHANE	0.8		
CARBON TETRACHLORIDE	<0.2		
1,2-DICHLOROETHANE	<0.2		
TRICHLOROETHENE	570		
1,2-DICHLOROPROPANE	<0.2		
BROMODICHLOROMETHANE	<0.2		
TRANS-1,3-DICHLOROPROPENE	<0.2		
CIS-1,3-DICHLOROPROPENE	<0.2		
1,1,2-TRICHLOROETHANE	<0.2		
TETRACHLOROETHENE	4400		
CHLORODIBROMOMETHANE	<0.2		
CHLOROBENZENE	<0.2		
BROMOFORM	<0.2		
1,1,2,2-TETRACHLOROETHANE	<0.2		
M-DICHLOROBENZENE	0.9		
P-DICHLOROBENZENE	7.1		
O-DICHLOROBENZENE	49		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 12-14
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (mg/kg)

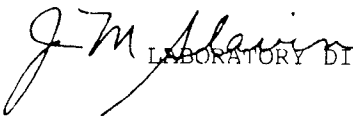
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	180		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627616

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

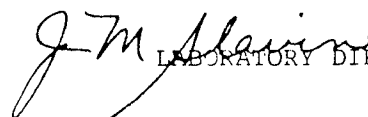
POINT NO:
LOCATION: SB-1 14-16
REMARKS: LOCKHEED MARTIN GREAT NECK

<u>PARAMETER (S)</u>	<u>RESULTS UNITS</u>
TOTAL SOLIDS	87.3 %

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DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 14-16
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (mg/kg)

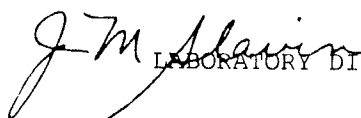
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<0.2		
CHLOROMETHANE	<0.2		
VINYL CHLORIDE	<0.2		
BROMOMETHANE	<0.2		
CHLOROETHANE	<0.2		
FLUOROTRICHLOROMETHANE	<0.2		
1,1-DICHLOROETHENE	<0.2		
METHYLENE CHLORIDE	<0.2		
TRANS-1,2-DICHLOROETHENE	<0.2		
1,1-DICHLOROETHANE	<0.2		
CIS-1,2-DICHLOROETHENE	2.1		
CHLOROFORM	<0.2		
1,1,1-TRICHLOROETHANE	<0.2		
CARBON TETRACHLORIDE	<0.2		
1,2-DICHLOROETHANE	<0.2		
TRICHLOROETHENE	100		
1,2-DICHLOROPROPANE	<0.2		
BROMODICHLOROMETHANE	<0.2		
TRANS-1,3-DICHLOROPROPENE	<0.2		
CIS-1,3-DICHLOROPROPENE	<0.2		
1,1,2-TRICHLOROETHANE	<0.2		
TETRACHLOROETHENE	650		
CHLORODIBROMOMETHANE	<0.2		
CHLOROBENZENE	<0.2		
BROMOFORM	<0.2		
1,1,2,2-TETRACHLOROETHANE	<0.2		
M-DICHLOROBENZENE	0.2		
P-DICHLOROBENZENE	0.9		
O-DICHLOROBENZENE	6.0		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 14-16
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (mg/kg)

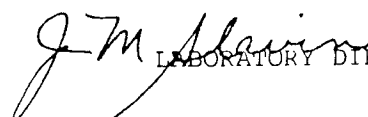
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	19		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627617

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 24-26

REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

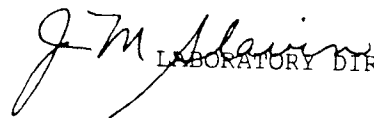
TOTAL SOLIDS

93.2 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 24-26
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

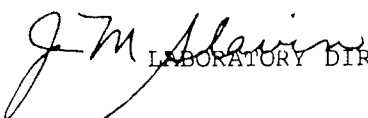
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50		
CHLOROMETHANE	<50		
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	7700		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	120000		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROBENZENE	<50		
P-DICHLOROBENZENE	330		
O-DICHLOROBENZENE	2600		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL

 LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 24-26
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

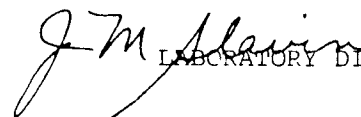
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	85		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 30-32
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

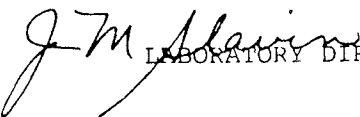
TOTAL SOLIDS

97.2 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 30-32
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

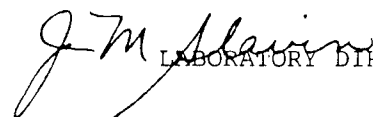
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	51		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	2900		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	7		
P-DICHLOROBENZENE	13		
O-DICHLOROBENZENE	100		

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DATE ISSUED 10/09/96

DATE RUN..... 10/03/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-1 30-32
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

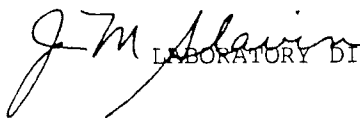
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

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DATE ISSUED 10/09/96

DATE RUN..... 10/08/96
DATE REPORTED.. 0/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627619

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 12-14
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

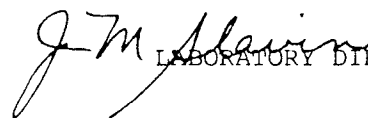
TOTAL SOLIDS

98.5 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 12-14
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

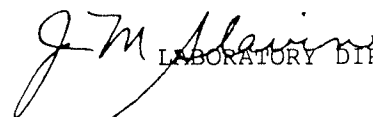
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	99		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	3		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/03/96
DATE REPORTED.. 10/08/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627619

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 12-14
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

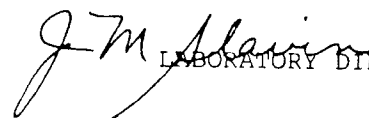
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

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DATE ISSUED 10/09/96

DATE RUN..... 10/03/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

LOKAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 18-20
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

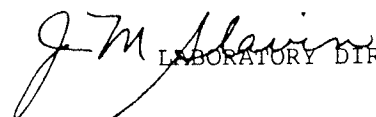
TOTAL SOLIDS

96.7 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 18-20
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

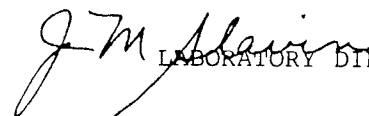
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	37		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	3		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627620

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 18-20
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

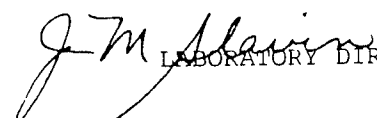
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627621

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 20-22
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

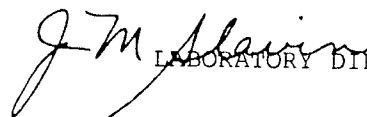
TOTAL SOLIDS

97.0 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 20-22
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

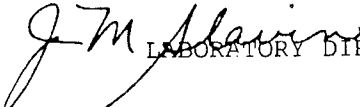
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	<2		
CHLORODIBROMOMETHANE	<2		
CHLORO BENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627621

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 20-22
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

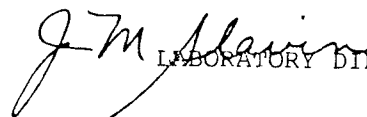
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627622

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 24-26
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

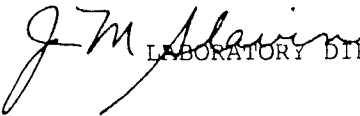
TOTAL SOLIDS

94.9 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627622

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 24-26

REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

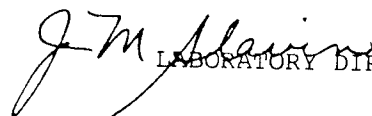
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	<2		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	<2		

COPIES TO: SYL

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 24-26
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

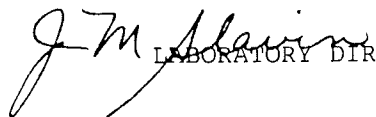
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627623

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 30-32
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

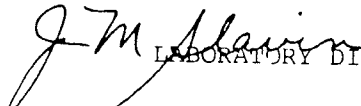
TOTAL SOLIDS

93.1 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 30-32
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

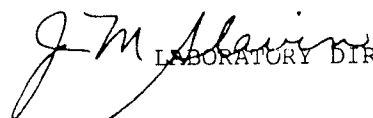
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	270		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	8		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627623

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-2 30-32
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

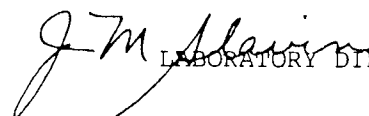
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

OF 31NAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627624

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 18-20
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

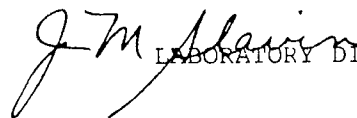
TOTAL SOLIDS

95.7 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 18-20
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

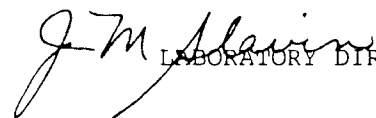
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	<2		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	3		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 18-20
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

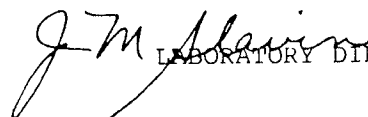
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627625

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 22-24
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

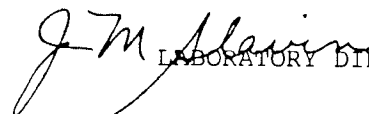
TOTAL SOLIDS

94.0 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 22-24
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

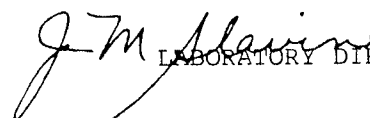
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	<2		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627625

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 22-24
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

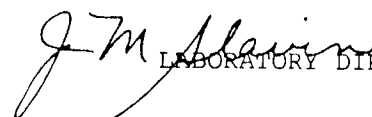
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627626

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 24-26
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

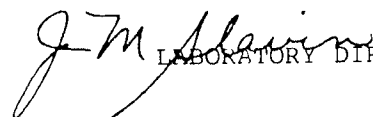
TOTAL SOLIDS

94.9 %

COPIES TO: SYL

DATE ISSUED 10/02/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 24-26
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

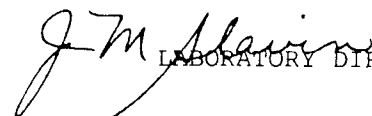
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	<2		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627626

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 24-26
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

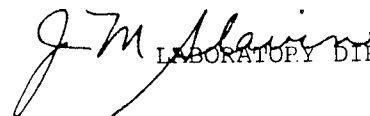
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627627

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 26-28

REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

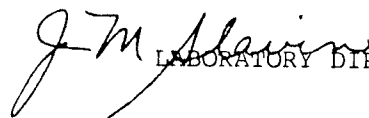
TOTAL SOLIDS

95.9 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 26-28
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

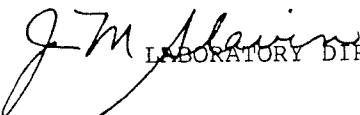
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	20		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627627

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 26-28
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

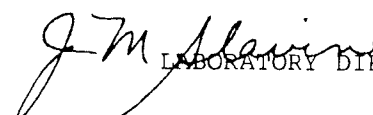
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627628

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 28-30
REMARKS: LOCKHEED MARTIN GREAT NECK

PARAMETER (S)

RESULTS UNITS

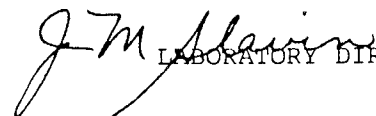
TOTAL SOLIDS

93.2 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 28-30
REMARKS: LOCKHEED MARTIN GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

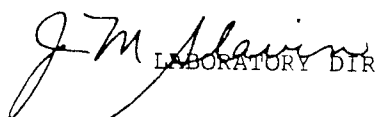
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	170		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	1900		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	6		
O-DICHLOROBENZENE	72		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627628

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/25/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-3 28-30
REMARKS: LOCKHEED MARTIN GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

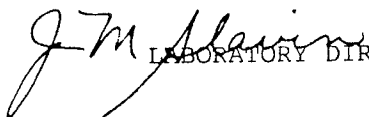
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627740

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-4 6-8
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

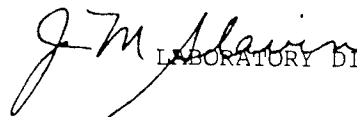
TOTAL SOLIDS

92.2 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-4 6-8
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

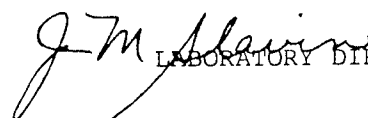
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	19		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	840		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE R N..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627740

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-4 6-8
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

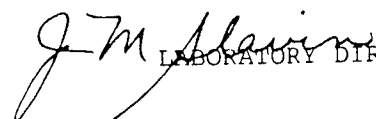
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL

DATE ISSUED 10/09/96

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627741

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-4 10-12
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

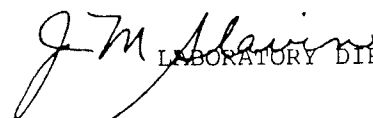
TOTAL SOLIDS

92.9 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-4 10-12
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

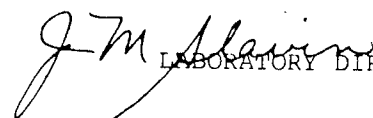
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	21		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL

 LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-4 10-12
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

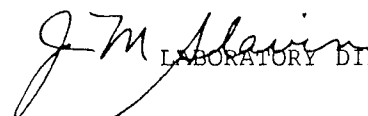
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 12-14

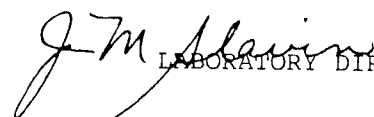
REMARKS: LOCKHEED MARTIN, GREAT NECK

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<1.1	mg/kg
ARSENIC	<1.1	mg/kg
BERYLLIUM	<0.56	mg/kg
CADMIUM	1.4	mg/kg
CHROMIUM	25.9	mg/kg
COPPER	57.4	mg/kg
MERCURY	1.4	mg/kg
NICKEL	19.1	mg/kg
LEAD	124	mg/kg
ANTIMONY	<6.8	mg/kg
SELENIUM	<0.56	mg/kg
THALLIUM	<1.1	mg/kg
TOTAL SOLIDS	88.8	%
ZINC	214	mg/kg

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LOPAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 12-14
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (mg/kg)

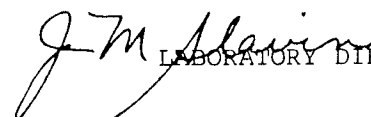
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<0.2		
CHLOROMETHANE	<0.2		
VINYL CHLORIDE	<0.2		
BROMOMETHANE	<0.2		
CHLOROETHANE	<0.2		
FLUOROTRICHLOROMETHANE	<0.2		
1,1-DICHLOROETHENE	<0.2		
METHYLENE CHLORIDE	<0.2		
TRANS-1,2-DICHLOROETHENE	<0.2		
1,1-DICHLOROETHANE	<0.2		
CIS-1,2-DICHLOROETHENE	3.2		
CHLOROFORM	<0.2		
1,1,1-TRICHLOROETHANE	<0.2		
CARBON TETRACHLORIDE	<0.2		
1,2-DICHLOROETHANE	<0.2		
TRICHLOROETHENE	15		
1,2-DICHLOROPROPANE	<0.2		
BROMODICHLOROMETHANE	<0.2		
TRANS-1,3-DICHLOROPROPENE	<0.2		
CIS-1,3-DICHLOROPROPENE	<0.2		
1,1,2-TRICHLOROETHANE	<0.2		
TETRACHLOROETHENE	170		
CHLORODIBROMOMETHANE	<0.2		
CHLOROBENZENE	<0.2		
BROMOFORM	<0.2		
1,1,2,2-TETRACHLOROETHANE	<0.2		
M-DICHLOROBENZENE	<0.2		
P-DICHLOROBENZENE	0.2		
O-DICHLOROBENZENE	0.5		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 12-14
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (mg/kg)

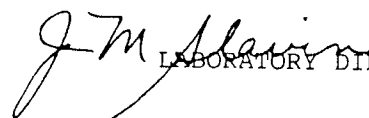
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<0.2		

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DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 14-16
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

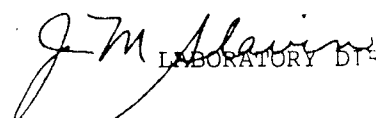
TOTAL SOLIDS

90.4 %

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DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 14-16
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

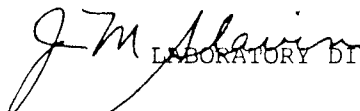
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50		
CHLOROMETHANE	<50		
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	90		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	2000		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	100000		
CHLORODIBROMOMETHANE	<50		
CHLORO BENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLORO BENZENE	<50		
P-DICHLORO BENZENE	<50		
O-DICHLORO BENZENE	<50		

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ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627743

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 14-16
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

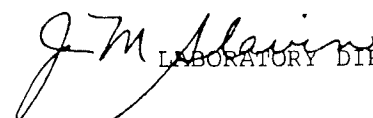
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<50		

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ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627744

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 24-26
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

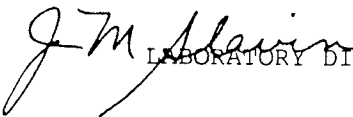
TOTAL SOLIDS

91.7 %

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ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 24-26

REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

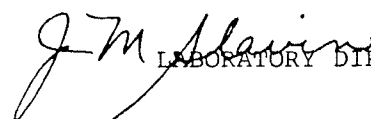
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	5		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	1800		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	7		
P-DICHLOROBENZENE	24		
O-DICHLOROBENZENE	400		

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LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 24-26
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

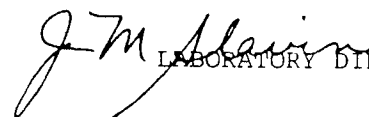
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

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LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 26-28
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

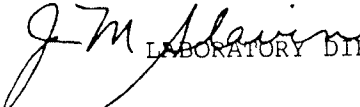
TOTAL SOLIDS

86.5 %

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ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 26-28
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

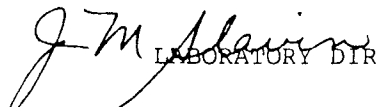
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<100		
CHLOROMETHANE	<100		
VINYL CHLORIDE	<100		
BROMOMETHANE	<100		
CHLOROETHANE	<100		
FLUOROTRICHLOROMETHANE	<100		
1,1-DICHLOROETHENE	<100		
METHYLENE CHLORIDE	<100		
TRANS-1,2-DICHLOROETHENE	<100		
1,1-DICHLOROETHANE	<100		
CIS-1,2-DICHLOROETHENE	1100		
CHLOROFORM	<100		
1,1,1-TRICHLOROETHANE	900		
CARBON TETRACHLORIDE	<100		
1,2-DICHLOROETHANE	<100		
TRICHLOROETHENE	120000		
1,2-DICHLOROPROPANE	<100		
BROMODICHLOROMETHANE	<100		
TRANS-1,3-DICHLOROPROPENE	<100		
CIS-1,3-DICHLOROPROPENE	<100		
1,1,2-TRICHLOROETHANE	<100		
TETRACHLOROETHENE	120000		
CHLORODIBROMOMETHANE	<100		
CHLOROBENZENE	<100		
BROMOFORM	<100		
1,1,2,2-TETRACHLOROETHANE	270		
M-DICHLOROBENZENE	150		
P-DICHLOROBENZENE	600		
O-DICHLOROBENZENE	5100		

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ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 26-28
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

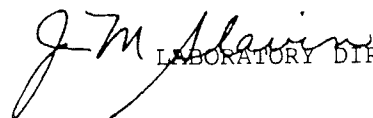
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	1600		

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3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

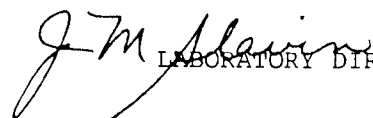
POINT NO:
LOCATION: SB-5 28-30
REMARKS: LOCKHEED MARTIN, GREAT NECK

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
PETROLEUM HYDROCARBON(IR)	1090	mg/kg
TOTAL SOLIDS	89.9	%

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ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
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PROJECT NO..... LORL9607

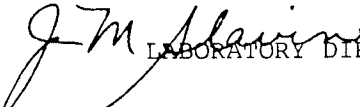
POINT NO:
LOCATION: SB-5 31-33
REMARKS: LOCKHEED MARTIN, GREAT NECK

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<1.2	mg/kg
ARSENIC	<1.2	mg/kg
BERYLLIUM	<0.58	mg/kg
CADMIUM	1.0	mg/kg
CHROMIUM	12.8	mg/kg
COPPER	24.5	mg/kg
MERCURY	0.34	mg/kg
NICKEL	15.2	mg/kg
LEAD	72.4	mg/kg
ANTIMONY	<7.0	mg/kg
SELENIUM	<0.58	mg/kg
THALLIUM	<1.2	mg/kg
TOTAL SOLIDS	85.6	%
ZINC	59.6	mg/kg

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ORIGINAL


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LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 31-33
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (mg/kg)

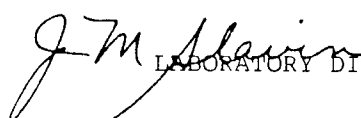
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<0.2		
CHLOROMETHANE	<0.2		
VINYL CHLORIDE	<0.2		
BROMOMETHANE	<0.2		
CHLOROETHANE	<0.2		
FLUOROTRICHLOROMETHANE	<0.2		
1,1-DICHLOROETHENE	<0.2		
METHYLENE CHLORIDE	<0.2		
TRANS-1,2-DICHLOROETHENE	<0.2		
1,1-DICHLOROETHANE	<0.2		
CIS-1,2-DICHLOROETHENE	<0.2		
CHLOROFORM	<0.2		
1,1,1-TRICHLOROETHANE	<0.2		
CARBON TETRACHLORIDE	<0.2		
1,2-DICHLOROETHANE	<0.2		
TRICHLOROETHENE	1600		
1,2-DICHLOROPROPANE	<0.2		
BROMODICHLOROMETHANE	<0.2		
TRANS-1,3-DICHLOROPROPENE	<0.2		
CIS-1,3-DICHLOROPROPENE	<0.2		
1,1,2-TRICHLOROETHANE	<0.2		
TETRACHLOROETHENE	3800		
CHLORODIBROMOMETHANE	<0.2		
CHLOROBENZENE	<0.2		
BROMOFORM	<0.2		
1,1,2,2-TETRACHLOROETHANE	<0.2		
M-DICHLOROBENZENE	1.4		
P-DICHLOROBENZENE	5.1		
O-DICHLOROBENZENE	55		

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DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-5 31-33
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (mg/kg)

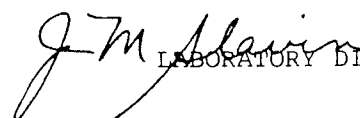
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<0.2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607 *

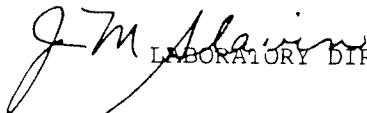
POINT NO:
LOCATION: SB-6 10-12
REMARKS: LOCKHEED MARTIN, GREAT NECK

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	2.8	mg/kg
ARSENIC	1.9	mg/kg
BERYLLIUM	<0.57	mg/kg
CADMIUM	6.0	mg/kg
CHROMIUM	64.7	mg/kg
COPPER	227	mg/kg
MERCURY	243	mg/kg
NICKEL	25.0	mg/kg
LEAD	148	mg/kg
ANTIMONY	<6.8	mg/kg
SELENIUM	<0.57	mg/kg
THALLIUM	<1.1	mg/kg
TOTAL SOLIDS	88.1	%
ZINC	284	mg/kg

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ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 10-12
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<25		
CHLOROMETHANE	<25		
VINYL CHLORIDE	<25		
BROMOMETHANE	<25		
CHLOROETHANE	<25		
FLUOROTRICHLOROMETHANE	27		
1,1-DICHLOROETHENE	<25		
METHYLENE CHLORIDE	<25		
TRANS-1,2-DICHLOROETHENE	<25		
1,1-DICHLOROETHANE	<25		
CIS-1,2-DICHLOROETHENE	1900		
CHLOROFORM	<25		
1,1,1-TRICHLOROETHANE	<25		
CARBON TETRACHLORIDE	<25		
1,2-DICHLOROETHANE	<25		
TRICHLOROETHENE	5400		
1,2-DICHLOROPROPANE	<25		
BROMODICHLOROMETHANE	<25		
TRANS-1,3-DICHLOROPROPENE	<25		
CIS-1,3-DICHLOROPROPENE	<25		
1,1,2-TRICHLOROETHANE	<25		
TETRACHLOROETHENE	71000		
CHLORODIBROMOMETHANE	<25		
CHLOROBENZENE	<25		
BROMOFORM	<25		
1,1,2,2-TETRACHLOROETHANE	<25		
M-DICHLOROBENZENE	1000		
P-DICHLOROBENZENE	230		
O-DICHLOROBENZENE	770		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL

J M Slawin
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627748

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 10-12
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

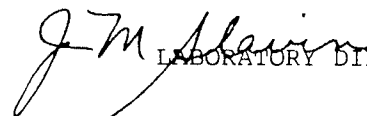
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	1200		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 14-16
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

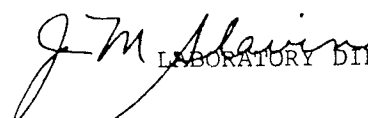
TOTAL SOLIDS

91.8 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 14-16
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

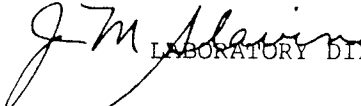
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<5		
CHLOROMETHANE	<5		
VINYL CHLORIDE	<5		
BROMOMETHANE	<5		
CHLOROETHANE	<5		
FLUOROTRICHLOROMETHANE	<5		
1,1-DICHLOROETHENE	<5		
METHYLENE CHLORIDE	<5		
TRANS-1,2-DICHLOROETHENE	<5		
1,1-DICHLOROETHANE	<5		
CIS-1,2-DICHLOROETHENE	22		
CHLOROFORM	<5		
1,1,1-TRICHLOROETHANE	<5		
CARBON TETRACHLORIDE	<5		
1,2-DICHLOROETHANE	<5		
TRICHLOROETHENE	580		
1,2-DICHLOROPROPANE	<5		
BROMODICHLOROMETHANE	<5		
TRANS-1,3-DICHLOROPROPENE	<5		
CIS-1,3-DICHLOROPROPENE	<5		
1,1,2-TRICHLOROETHANE	<5		
TETRACHLOROETHENE	3800		
CHLORODIBROMOMETHANE	<5		
CHLOROBENZENE	<5		
BROMOFORM	<5		
1,1,2,2-TETRACHLOROETHANE	5		
M-DICHLOROBENZENE	370		
P-DICHLOROBENZENE	20		
O-DICHLOROBENZENE	80		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYS DOH ID# 10478

LAB NO: 9627749

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 14-16
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

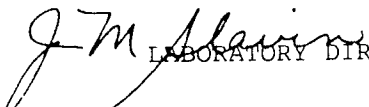
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<5		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627750

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 24-26
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

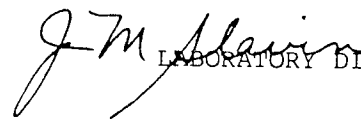
TOTAL SOLIDS

93.7 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 24-26
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

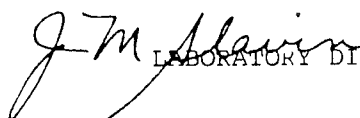
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	7		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	260		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	26		
P-DICHLOROBENZENE	22		
O-DICHLOROBENZENE	130		

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DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627750

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 24-26
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

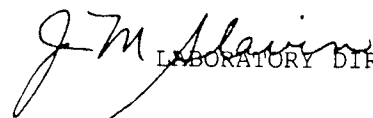
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYS DOH ID# 10478

LAB NO: 9627751

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 26-28
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

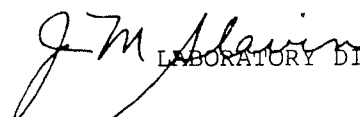
TOTAL SOLIDS

91.4 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627751

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 26-28

REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

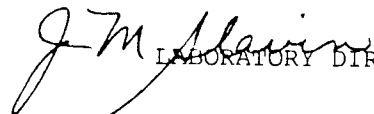
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<20		
CHLOROMETHANE	<20		
VINYL CHLORIDE	<20		
BROMOMETHANE	<20		
CHLOROETHANE	<20		
FLUOROTRICHLOROMETHANE	<20		
1,1-DICHLOROETHENE	<20		
METHYLENE CHLORIDE	<20		
TRANS-1,2-DICHLOROETHENE	<20		
1,1-DICHLOROETHANE	<20		
CIS-1,2-DICHLOROETHENE	<20		
CHLOROFORM	<20		
1,1,1-TRICHLOROETHANE	<20		
CARBON TETRACHLORIDE	<20		
1,2-DICHLOROETHANE	<20		
TRICHLOROETHENE	310		
1,2-DICHLOROPROPANE	<20		
BROMODICHLOROMETHANE	<20		
TRANS-1,3-DICHLOROPROPENE	<20		
CIS-1,3-DICHLOROPROPENE	<20		
1,1,2-TRICHLOROETHANE	<20		
TETRACHLOROETHENE	12000		
CHLORODIBROMOMETHANE	<20		
CHLOROBENZENE	<20		
BROMOFORM	<20		
1,1,2,2-TETRACHLOROETHANE	<20		
M-DICHLOROBENZENE	22		
P-DICHLOROBENZENE	40		
O-DICHLOROBENZENE	150		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 26-28
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

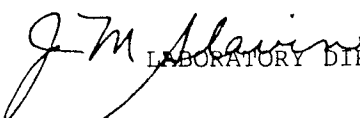
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<20		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 28-30

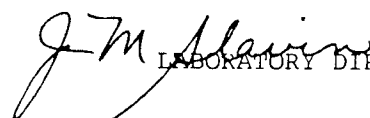
REMARKS: LOCKHEED MARTIN, GREAT NECK

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<1.1	mg/kg
ARSENIC	<1.1	mg/kg
BERYLLIUM	<0.54	mg/kg
CADMIUM	<0.54	mg/kg
CHROMIUM	13.0	mg/kg
COPPER	11.9	mg/kg
MERCURY	<0.09	mg/kg
NICKEL	10.9	mg/kg
LEAD	6.2	mg/kg
ANTIMONY	<6.5	mg/kg
SELENIUM	<0.54	mg/kg
THALLIUM	<1.1	mg/kg
TOTAL SOLIDS	92.1	%
ZINC	20.6	mg/kg

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 28-30
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

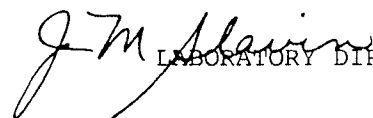
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50		
CHLOROMETHANE	<50		
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	36J		
CHLOROFORM	64		
1,1,1-TRICHLOROETHANE	480		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	160000		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	50		
TETRACHLOROETHENE	790000		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	110		
M-DICHLOROBENZENE	260		
P-DICHLOROBENZENE	1500		
O-DICHLOROBENZENE	8700		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-6 28-30
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

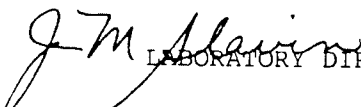
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<50		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627753

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-7 13-15
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

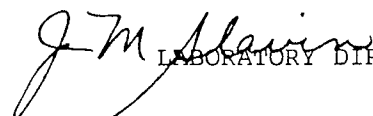
TOTAL SOLIDS

91.4 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-7 13-15

REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

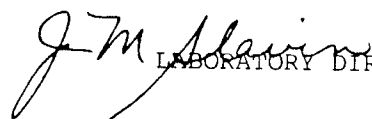
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	65		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	250		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	5		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-7 13-15
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

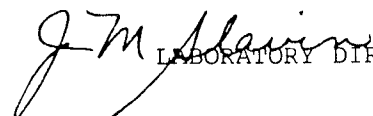
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627754

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-7 15-17
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

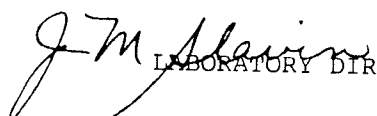
TOTAL SOLIDS

93.2 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-7 15-17
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

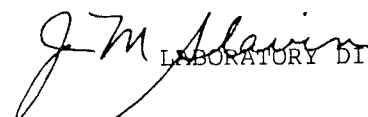
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	8		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	26		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627754

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-7 15-17
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

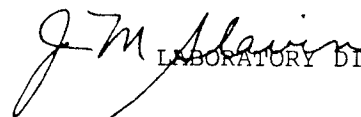
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627755

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED.. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

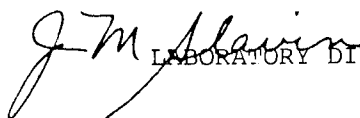
POINT NO:
LOCATION: SB-7 17-19
REMARKS: LOCKHEED MARTIN, GREAT NECK

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<1.1	mg/kg
ARSENIC	<1.1	mg/kg
BERYLLIUM	<0.54	mg/kg
CADMIUM	<0.54	mg/kg
CHROMIUM	8.5	mg/kg
COPPER	5.4	mg/kg
MERCURY	<0.09	mg/kg
NICKEL	8.6	mg/kg
LEAD	3.7	mg/kg
ANTIMONY	<6.4	mg/kg
SELENIUM	<0.54	mg/kg
THALLIUM	<1.1	mg/kg
TOTAL SOLIDS	93.3	%
ZINC	11.8	mg/kg

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-7 17-19
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

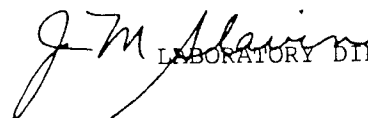
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<20		
CHLOROMETHANE	<20		
VINYL CHLORIDE	<20		
BROMOMETHANE	<20		
CHLOROETHANE	<20		
FLUOROTRICHLOROMETHANE	<20		
1,1-DICHLOROETHENE	<20		
METHYLENE CHLORIDE	<20		
TRANS-1,2-DICHLOROETHENE	<20		
1,1-DICHLOROETHANE	<20		
CIS-1,2-DICHLOROETHENE	<20		
CHLOROFORM	<20		
1,1,1-TRICHLOROETHANE	<20		
CARBON TETRACHLORIDE	<20		
1,2-DICHLOROETHANE	<20		
TRICHLOROETHENE	150		
1,2-DICHLOROPROPANE	<20		
BROMODICHLOROMETHANE	<20		
TRANS-1,3-DICHLOROPROPENE	<20		
CIS-1,3-DICHLOROPROPENE	<20		
1,1,2-TRICHLOROETHANE	<20		
TETRACHLOROETHENE	1300		
CHLORODIBROMOMETHANE	<20		
CHLOROBENZENE	<20		
BROMOFORM	<20		
1,1,2,2-TETRACHLOROETHANE	<20		
M-DICHLOROBENZENE	<20		
P-DICHLOROBENZENE	<20		
O-DICHLOROBENZENE	120		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627755

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-7 17-19
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

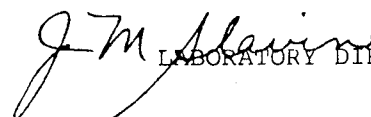
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<20		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627756

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-15 12-14
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

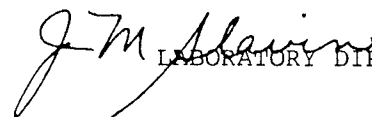
TOTAL SOLIDS

87.5 %

COPIES TO: SYL

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-15 12-14
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

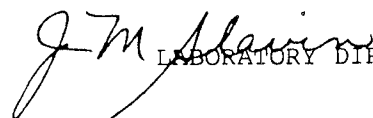
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<100		
CHLOROMETHANE	<100		
VINYL CHLORIDE	<100		
BROMOMETHANE	<100		
CHLOROETHANE	<100		
FLUOROTRICHLOROMETHANE	<100		
1,1-DICHLOROETHENE	<100		
METHYLENE CHLORIDE	<100		
TRANS-1,2-DICHLOROETHENE	<100		
1,1-DICHLOROETHANE	<100		
CIS-1,2-DICHLOROETHENE	8200		
CHLOROFORM	<100		
1,1,1-TRICHLOROETHANE	230		
CARBON TETRACHLORIDE	<100		
1,2-DICHLOROETHANE	<100		
TRICHLOROETHENE	110000		
1,2-DICHLOROPROPANE	<100		
BROMODICHLOROMETHANE	<100		
TRANS-1,3-DICHLOROPROPENE	<100		
CIS-1,3-DICHLOROPROPENE	<100		
1,1,2-TRICHLOROETHANE	<100		
TETRACHLOROETHENE	250000		
CHLORODIBROMOMETHANE	<100		
CHLOROBENZENE	<100		
BROMOFORM	<100		
1,1,2,2-TETRACHLOROETHANE	<100		
M-DICHLOROBENZENE	<100		
P-DICHLOROBENZENE	200		
O-DICHLOROBENZENE	1700		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627756

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-15 12-14
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

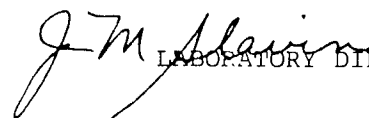
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	210		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627757

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-16 28-30
REMARKS: LOCKHEED MARTIN, GREAT NECK

PARAMETER (S)

RESULTS UNITS

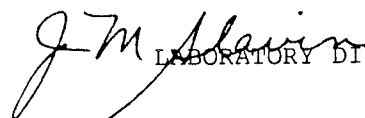
TOTAL SOLIDS

89.4 %

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DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-16 28-30
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

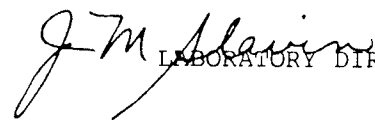
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<100		
CHLOROMETHANE	<100		
VINYL CHLORIDE	<100		
BROMOMETHANE	<100		
CHLOROETHANE	<100		
FLUOROTRICHLOROMETHANE	<100		
1,1-DICHLOROETHENE	<100		
METHYLENE CHLORIDE	<100		
TRANS-1,2-DICHLOROETHENE	<100		
1,1-DICHLOROETHANE	<100		
CIS-1,2-DICHLOROETHENE	<100		
CHLOROFORM	150		
1,1,1-TRICHLOROETHANE	340		
CARBON TETRACHLORIDE	<100		
1,2-DICHLOROETHANE	<100		
TRICHLOROETHENE	200000		
1,2-DICHLOROPROPANE	<100		
BROMODICHLOROMETHANE	<100		
TRANS-1,3-DICHLOROPROPENE	<100		
CIS-1,3-DICHLOROPROPENE	<100		
1,1,2-TRICHLOROETHANE	<100		
TETRACHLOROETHENE	350000		
CHLORODIBROMOMETHANE	<100		
CHLOROBENZENE	<100		
BROMOFORM	<100		
1,1,2,2-TETRACHLOROETHANE	<100		
M-DICHLOROBENZENE	360		
P-DICHLOROBENZENE	1900		
O-DICHLOROBENZENE	14000		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627757

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 09/26/96
DATE RECEIVED.. 09/26/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-16 28-30
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

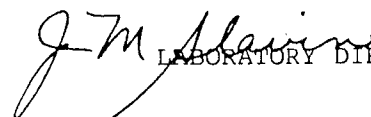
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<100		

COPIES TO: SYL

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 420-8436 NYS DOH ID# 10478 LAB NO: 9627869

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
ROUTINE
METHOD.... GRAB

DATE COLLECTED. 09/27/96
TIME COLLECTED. 1340 HRS.
DATE RECEIVED.. 09/27/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-9 15'

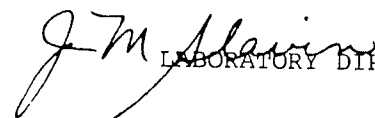
REMARKS: LOCKHEED MARTIN, GREAT NECK

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
SILVER	<1.1	mg/kg
ARSENIC	2.3	mg/kg
BERYLLIUM	<0.54	mg/kg
CADMIUM	<0.54	mg/kg
CHROMIUM	18.5	mg/kg
COPPER	56.5	mg/kg
MERCURY	<0.10	mg/kg
NICKEL	16.3	mg/kg
LEAD	25.0	mg/kg
ANTIMONY	<6.5	mg/kg
SELENIUM	<1.1	mg/kg
THALLIUM	<1.1	mg/kg
TOTAL SOLIDS	92.0	%
ZINC	39.1	mg/kg

COPIES TO: RJB/BHM

DATE ISSUED 10/09/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
ROUTINE
METHOD.... GRAB

DATE COLLECTED. 09/27/96
TIME COLLECTED. 1340 HRS.
DATE RECEIVED.. 09/27/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-9 15'

REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANIC COMPOUNDS - (ug/kg)

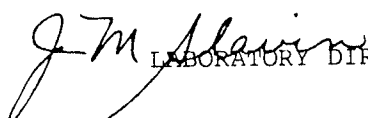
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<2		
CHLOROMETHANE	<2		
VINYL CHLORIDE	<2		
BROMOMETHANE	<2		
CHLOROETHANE	<2		
FLUOROTRICHLOROMETHANE	<2		
1,1-DICHLOROETHENE	<2		
METHYLENE CHLORIDE	<2		
TRANS-1,2-DICHLOROETHENE	<2		
1,1-DICHLOROETHANE	<2		
CIS-1,2-DICHLOROETHENE	<2		
CHLOROFORM	<2		
1,1,1-TRICHLOROETHANE	<2		
CARBON TETRACHLORIDE	<2		
1,2-DICHLOROETHANE	<2		
TRICHLOROETHENE	<2		
1,2-DICHLOROPROPANE	<2		
BROMODICHLOROMETHANE	<2		
TRANS-1,3-DICHLOROPROPENE	<2		
CIS-1,3-DICHLOROPROPENE	<2		
1,1,2-TRICHLOROETHANE	<2		
TETRACHLOROETHENE	30		
CHLORODIBROMOMETHANE	<2		
CHLOROBENZENE	<2		
BROMOFORM	<2		
1,1,2,2-TETRACHLOROETHANE	<2		
M-DICHLOROBENZENE	<2		
P-DICHLOROBENZENE	<2		
O-DICHLOROBENZENE	6		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627869

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... SOIL
ROUTINE
METHOD.... GRAB

DATE COLLECTED. 09/27/96
TIME COLLECTED. 1340 HRS.
DATE RECEIVED.. 09/27/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: SB-9 15'

REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/kg)

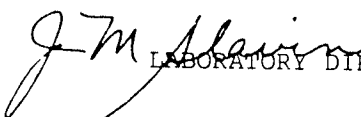
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<2		

COPIES TO: RJB/BHM

DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/08/96

ORIGINAL


LABORATORY DIRECTOR

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... BLANK
ROUTINE

DATE COLLECTED. 09/27/96
TIME COLLECTED. 1400 HRS.
DATE RECEIVED.. 09/27/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: FIELD BLANK
REMARKS: LOCKHEED MARTIN, GREAT NECK

VOLATILE ORGANICS (METHOD 601) - (ug/l)

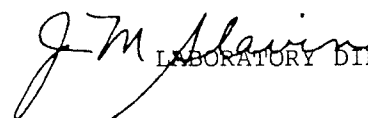
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL

 LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9627870

LORAL CORPORATION
DAVID SWEET
3501 JAMBOREE BLVD. STE 500
NEWPORT BEACH, CA 92660

TYPE..... BLANK
ROUTINE

DATE COLLECTED. 09/27/96
TIME COLLECTED. 1400 HRS.
DATE RECEIVED.. 09/27/96
COLLECTED BY... BJB03
PROJECT NO..... LORL9607

POINT NO:
LOCATION: FIELD BLANK
REMARKS: LOCKHEED MARTIN, GREAT NECK

TRICHLOROTRIFLUOROETHANE - (ug/l)

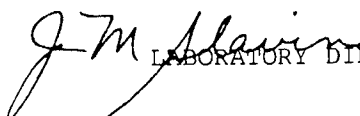
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
TRICHLOROTRIFLUOROETHANE	<1		

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DATE ISSUED 10/09/96

DATE RUN..... 10/04/96
DATE REPORTED.. 10/09/96

ORIGINAL


LABORATORY DIRECTOR

APPENDIX E

**MISCELLANEOUS
CORRESPONDENCE**

UNISYS

August 4, 1994

Mr. Girish Desai
NYSDEC
Building 40
Stony Brook, NY 11790-2356Re: Former Plating Area
Unisys Corporation ID #130045
Great Neck, NY

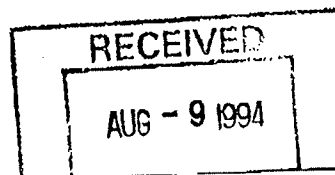
Dear Mr. Desai:

This letter is in response to environmental concerns that were raised during the Unisys/NYSDEC meeting with the Environmental Committee of Great Neck Village Officials Association on June 23, 1994. Specifically, Fred Schmidt, a retired Sperry engineer, raised suspicions that Sperry may have once used cadmium and other metals in a plating operation that was conducted in the former G11 plating area (see the attached site plan). Mr. Schmidt did not work in the plating area. However, he suggested that perhaps cadmium and other metals were released to the environment during this operation. Mr. Kevin Krueger responded to these suspicions by reporting that Unisys tested the groundwater of the site and did not find cadmium. Unisys also promised to investigate the matter.

In response to this concern, Unisys reviewed facility records and interviewed several employees. Results of this investigation are summarized below.

Plating Operation

- The plating area was built by the US Government in 1940 as part of the original plant construction and was in operation until it was dismantled and closed in the late 1960s. Based upon original drawings (attached), the plating area consisted of three sumps. Each sump was lined with approximately 8 inches of concrete and was approximately 50 feet by 50 feet by 8 feet deep. A steel grating system was constructed over the pits and the plating baths were set on top of the grating.
- The base of each sump sloped to a drain which is connected to a centrally located neutralizing basin. Facility piping prints indicate that the effluent of the neutralizing basin was routed to the sanitary sewer. In addition, the pits were coated with an impervious acid proof mastic coating.
- Written records describing the plating operations are not available. However, based upon a review of the original prints, the area was used for corrosion resistance plating as opposed to printed circuit board plating. The former



Post-It™ brand fax transmittal memo 7671		# of pages >
To Rich Baldwin	From GIRISH DESAI	
Co. H2M	Co.	
Dept.	Phone # (516) 444-0243	
Fax # (516) 644-4122	Fax # (516) 444-0373	

operation consisted of acid baths with plating metals including cadmium, chrome, nickel, cyanide, and copper.

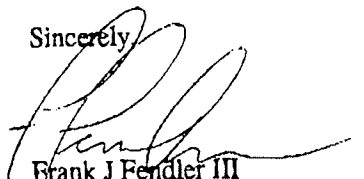
- In the late 1960s the plating operation was dismantled and the sumps were cleaned, backfilled with sand, and covered with a 6 inch concrete slab. During the cleaning of the sumps the concrete and the impervious acid proof mastic coating was left intact. After this time, the former plating area was used for machining and was referred to as the numerical machining room.

Groundwater Quality

- Unisys reviewed previously collected data and prepared the attached table which summarizes results of the nearest downgradient monitor well (MW10GL - approximately 200 feet) and several other downgradient wells. Analytical results indicate that metals used in the plating operation were not detected. Note that the detection limit for all metals was well below the US EPA Maximum Contaminant Level (MCL) drinking water standards.

This investigation was part of the site background review as described in the RI/FS Work Plan dated September 30, 1993 and results of this investigation will be included in the RI/FS report to be completed by the end of 1994. We feel that this investigation has resolved this area as a matter of environmental or health concern and we do not anticipate performing further investigations in this area of the site. I welcome the opportunity to discuss this matter with you over the phone or in a meeting. If you should have any questions or concerns, please do not hesitate to call me 610-648-2083.

Sincerely,



Frank J Fendler III
Site Manager/Hydrogeologist

cc. Kevin Krueger
Mark Brody
Jerry Wood
Brian Macrae
Larry Miles

Attachments: Table 1
Site Plan
Piping Layout - Plating Pits

TABLE 1 GROUNDWATER QUALITY - METALS

UNISYS - GREAT NECK, NY

Well	Date Sampled	Metal				Raw Data Source
		Cadmium	Chromium	Cyanide	Nickel	
RW1	8/9/93	<2.0	<4.0	<10.0	<6.0	1
RW2	.	<2.0	<4.0	<10.0	<6.0	1
EW1	4/8/93	<2.0	3.4 B	<10.0	<21.0	1
EW2	.	<2.0	<3.0	<10.0	<21.0	1
EW3	.	<2.0	<3.0	<10.0	<21.0	1
MW1GU	6/12/89	<0.2	<2.1	<10.0	<6.0	2
MW1MI/L	.	<0.2	<2.1	<10.0	<6.0	2
MW1DGL	.	<0.2	<2.1	<10.0	<6.0	2
MW1GU	8/3/88	..	<10	..	<40	3
MW1DGL	.	..	<10	..	<40	3
MCL		10	50	---	---	

Note: All concentrations in parts per billion, MCL = maximum contaminant level.
 .. = not analyzed, --- = not available, B = detected in blank.

DATA SOURCE: 1 = Unisys letter to NYSDEC dated September 14, 1993, 2 = Site Assessment Report - Appendix G4, 3 = Site Assessment Report - Appendix H2.
 MTAL_TBL.XLS



SCALE IN FEET

H2M GROUP

Boring # SB-1 MW#

Sheet 1 of 2

Project: Lockheed-Martin

Job # LORL 9607 Site: Great Neck

Logged By: BJB Proj. Eng: RJB Edited By:

Drilling Contractor: Lutz Environmental

Drill Rig Type/Method: 4" HSA

Drillers Name: Steve, Eddy, Bob

Borehole Diam./Drill Bit Type

Total Depth: 31.5 ft

Ref. Elev. SFC

Hammer Wt: 400 lbs. Drop: ~3 ft.

Start Time: 10:10 am Date: 9/25/96

Completion Time: 11:40 am Date: 9/25/96

Backfill Time: 11:50 Date: 9/25/96

Sketch Map of Site Area With Drilling Locations

[illegible]

PID/OVA	Sampler Type	Blow Counts	Advance (in.)	Rcvd (in.)	Casing	Annulus	Depth		Boring # SB-1 MW#	Sheet 2 of 2
							Sample Rec	Feet		
							Analyses		Project: Lockheed-Martin	
									Job # LORL 960712 Site: Great Neck	
12'-14'	210	2 1/2	20	1	24"	12"		12	Dk. brown to gray-brown med. silty sands w/ some gravel; odor detected; moist; dry 1" thick band of brown sand at bottom of spren. (Same as above)	
				1		⊗		13		
				1				14		
				1				15		
14'-16'	245	2 1/2	20	5	24"	6"		16	Brown med. sand w/ some coarse sand/fine gravel (upper portion moist and same as previous) 3" section of upper portion has odor.	
				4		⊗		17		
				3				18		
				4				19		
16'-18'	83.5	2 1/2	20	10	24"	14"		20	Dark brown to gray-brown med. sand with some silt; moist; odor detected. Poor Recovery.	
				7		⊗		21		
				6				22		
				4				23		
18'-20'	265	2 1/2	20	4	24"	4"		24	Dark brown med. sand w/ some gravel; odor (4") Remainder consists of lt. brown to tan med. sand w/ some gravel	
				3		⊗		25		
				5				26		
				1				27		
20'-22'	124	2 1/2	20	6	24"	11"		28	Lt. brown to tan med. sand w/ trace cobbles; odor detected.	
				5		⊗		29		
				7				30		
				3				31		
22'-24'	164	2 1/2	20	10	24"	10"		32	Med.-lt. brown banded med. sand w/ trace gravels; slight odor. upper 2" has darker brown coloration	
				7		⊗		33		
				8				34		
				6				35		
24'-26'	196	2 1/2	20	5	24"	8"		36	Med.-lt. brown banded med. sand w/ trace gravels and odor grading into brown fine sandy silts (lower 6")	
				6		⊗		37		
				7				38		
				6				39		
26'-28'	84.9	2 1/2	20	9	24"	14"		40	Med. brown med. to fine silty sand; slight odor; dry; some fine gravel.	
				7		⊗		41		
				8				42		
				14				43		
28'-30'	21.0	2 1/2	20	10	24"	14"		44	Med. brown coarse to med. sands w/ some gravel and trace cobbles (including fractured rock); slight odor; dry Refusal at 31 1/2 ft. END BORING	
				13		⊗		45		
				17				46		
				17				47		
30'-32'	68.1	2 1/2	20	11	24"	16"		48	Refusal at 31 1/2 ft. END BORING	
				13		⊗		49		
				17				50		
				50				51		

H2M GROUP

Boring # SB-2 MW#

Sheet 1 of 2

Project: Lockheed Martin

Job # LORL 9607 TZ Site: Great Neck

Logged By: BJB Proj. Eng: RJB Edited By:

Drilling Contractor: Lutz Environmental.

Drill Rig Type/Method: / Hollow Stem.

Drillers Name: Steve, Eddy, Bob.

Borehole Diam./Drill Bit Type
4.25" ID Auger

Total Depth: 31.5 ft.

Ref. Elev: SFC

Hammer Wt: 400 lbs. Drop: ~3 ft.

Start Time: 18:02 Date: 9/25/96

Completion Time: 2:15 Date: 9/25/96

Backfill Time: Date:

Sketch Map of Site Area With Drilling Locations

ch ground
PID
2.3 ppm

0'-2'

2'-4'

4'-6'

6'-8'

8'-10'

10'-12'

PID/VA	Sampler Type & Depth	Blow Counts / 6 in.	Advance (in.)	Recovered (in.)	Casing Type & Size	Annulus Filler	Depth		Sample Rec. Analyses	Feet	1st Water			
											Boring Depth (ft.)	Casing Depth (ft.)	Water Depth (ft.)	
2.7	2"/20'	13	24"	14"					X					
		12							X	1				
		10							X					
		15								2				
8.9	2"/20'	30	24"	6"					X	1st attempt				
		19								3				
		12								2nd attempt				
		11								4				
	2"/20'	11	24"	0"										
		17								5				
		12												
		9												
3.5	2"/20'	12	24"	3"					X	6				
		7								7				
		6												
		6								8				
		50+	6"											
										9				
										10				
										11				
										12				

Med to Lt. brown med. to coarse sands with some gravel and old pieces of concrete; dry; no odor

No recovery
Refusal. Relocate boring 3 ft. north.
Concrete, qty. cobbles, and some brown med. to coarse sand; odor noted (slight)

No Recovery.

Brown med. to coarse sands of some gravel and concrete debris, no odor; dry.

No Recovery

Cobbles encountered; drill through cobble zone to sample soils underneath.

PID/OVA	Sampler Type	Blow Counts	Advance (in.)	Rcvd (in.)	Casing	Annulus	Depth		Sample Rec Analyses	Feet	Boring # SB-2 MW#	Sheet 2 of 3
											Project: Lockheed-Martin	
											Job # LORL 9607 T2	Site: Great Neck
7.0	2 1/2'	50+	24"	3"	⊗					12	Poor Recovery	
										13	Dk. brown med. to coarse sand w/ some gravel; no odor detected.	
	2 1/2'	50+	2"	0"						14	No Advancement; no recovery.	
										15	Drill through cobble/boulder zone.	
	2 1/2'	50+	3"	0"						16	Hard drilling; cobbles.	
										17	Drill through cobble layer.	
5.8	2 1/2'	17	24"	8"	⊗					18	Brown med. to coarse sands w/ some cobbles and gravel; dry; very slight odor.	
		9								19		
		6										
		5										
9.4	2 1/2'	5	24"	15"	⊗					20	Med. - 16. brown med. to coarse sands w/ some gravel; dry; very slight odor.	
		4								21		
		4										
		9										
5	2 1/2'	5	24"	2"	⊗					22	Poor recovery; brown med. to coarse sands w/ trace gravel; dry. (2" recovery).	
		6								23		
		7										
		9										
3	2 1/2'	5	24"	16"	⊗					24	Brown to Lt. brown med. sand w/ trace gravel; dry to moist; no detectable odors.	
		7								25		
		9										
		6										
7	2 1/2'	5	24"	7"						26	Brown med. to coarse sand w/ trace gravel grading into brown med. to fine silty sand (last 2") with rock fragments at bottom of spoon	
		18								27	Brown med. to fine silty sand (upper 4") grading into brown to tan med. to coarse sands with some cobbles and gravel; dry; no odors detected.	
		12										
		9										
8	2 1/2'	11	24"	12"	⊗					28		
		9								29		
		8										
		9										
0	2 1/2'	20	24"	9"	⊗					30	Brown med. to fine sands with some gravel and trace cobbles; dry to damp; slight odor.	
		16								31	Encounter Refusal at 31.5 ft. w/ augers.	
		8										
		9								32		

PID/OVA	Sampler Type	Blow Counts	Advance (in.)	Rovd (in.)	Casing	Annulus	Depth		Boring # SB-3 MW#	Sheet 2 of 2
							Sample Rec	Feet	Project: Lockheed Martin	Job # LORL 9607 T2 Site: Great Neck
							Analyses			
								12		
								13		
14'-16'		2 1/2	50+	0"				14		
								15		
16'-18'		2 1/2	50+	0"				16		
								17		
18'-20'	6.6	2 1/2	17	24"	8"	⊗		18		
			9					19		
			12					20		
20'-22'	7.0	2 1/2	30	8"	1 1/2"			21		
								22		
22'-24'	5.8	2 1/2	38	24"	4"	⊗		23		
			42					24		
			37					25		
24'-26'	5.4	2 1/2	42	24"	3"	⊗		26		
			36					27		
			38					28		
26'-28'	6.2	2 1/2	50+	4"	3"	⊗		29		
			50					30		
28'-30'	7.4	2 1/2	11	24"	10"	⊗		31		
			32					32		
			38							
30'-32'		2 1/2	50+	0"	0"					

Cobbles still encountered; drill to next interval to collect sample.

No recovery; spoon striking boulder. Drill through to locate soil.

No recovery; spoon striking boulder. Drill through to locate soils.

Brown to l.b. brown med. sands with some gravel and abundant fractured rock; no odors.

Med. Brown med. sands with some gravel; fractured rock in spoon tip. (Poor Recovery) ROCK

Med. brown med. sands with little gravel; dry to damp; no odors (poor recovery).

Same as above

Same as above.

Brown med. to fine sand with some gravel; slightly cohesive (may be some silt); very slight odor noted; soils warm to touch.

Spoon bouncing off rock.

Unable to penetrate w/ spoon; drill down w/ augers but unable to go past 31 ft.

End Boring at 31 ft. due to hard drilling; augers unable to penetrate

H2M GROUP

Boring # SB-4 MW#

Sheet

1

of

2

Project: Lockheed Martin

Job # LORL 960772 Site: Great Neck

Logged By: BJB Proj. Eng: RJB Edited By:

Drilling Contractor: Lutz Engineering

Drill Rig Type/Method: Hollow Stem

Drillers Name: Steve, Eddy, Bob

Borehole Diam./Drill Bit Type

4.25" ID

Total Depth:

Ref. Elev.

Surf.

Hammer Wt: 400 lbs.

Drop: ~3 ft.

Start Time: 8:20

Date: 9/26/96

Completion Time:

Date:

Backfill Time:

Date:

Sketch Map of Site Area With Drilling Locations

subground
0.4 ppm

PID/OVA	Sampler Type & Depth	Blow Counts / 6 in.	Advance (in.)	Recovered (in.)	Casing Type & Size	Annulus Filler	Depth		Sample Rec. Analyses	Feet	Boring Depth (ft.)	Casing Depth (ft.)	Water Depth (ft.)	Time	Date	1st Water			
12.1	2 1/2'	3	24"	6"				X			med. brown, med. to coarse sand with some gravel and trace cobbles near surface; dry; no odors.								
		5								1									
		4																	
		5																	
-	2 1/2'	5	24"	0"						2									
		7																	
		4								3									
		5																	
3.9	2 1/2'	9	24"	5"				X		4									
		11																	
		10								5									
		13																	
1.9	2 1/2'	7	24"	12"				X		6									
		6						X											
		9								7									
		7																	
1.9	2 1/2'	7	24"	7"				X		8									
		9																	
		5								9									
		6																	
2.3		7	24"	2"				X		10									
		7																	
		8								11									
		11																	
										12									

Refusal at 12 ft. (boulder); relocate.	
--	--

Med. brown, med. to coarse sand with some gravel and trace cobbles near surface; dry; no odors.

No Recovery.

Same as 0'-2' but with some cobbles

Med. Brown med. to coarse sand w/ some gravel and cobbles; moist at tip; no odors

Same as above.

Poor Recovery; med. brown coarse to med. sands with some gravel and trace cobbles; moist; no odors.

Refusal at 12 ft. (boulder); relocate.

12'-14'

PID/OVA	Sampler Type	Blow Counts	Advance (in.)	Rcvd (in.)	Casing	Annulus	Depth		Boring # SB-4	MW#	Sheet	2	of	2
							Sample Rec	Analyses	Feet	Project: Lockheed Martin				
									Job # LORL 9607	Site: Great Neck				
							12		NOTE: Boring relocated (see map); spoms continued from 12' depth onward. (9:20 am, BXB, 9/26/96) Unable to achieve greater than 9 ft. depth. Borings are abandoned. No sample collected.					
							13							
							14							
							15							
							16							
							17							
							18							
							19							
							20							
							21							
							22							
							23							
							24							
							25							
							26							
							27							
							28							
							29							
							30							
							31							
							32							

H2M GROUP

Boring # SB-5 MW#

Sheet

c)

3

Project: Lockheed Martin

Job # LORL 9607 TR Site: Great Neck

Logged By: RJB Proj. Eng: RJB Edited By:

Drilling Contractor: Lutz Engineering

Drill Rig Type/Method: Hollow Stem.

Drillers Name: Steve, Eddy, Bob.

Borehole Diam./Drill Bit Type
4.25" ID

Total Depth: 33 ft

Ref. Elev. (Drywell)
Surf.

Hammer Wt: 400 lbs. Drop: ~3 ft.

Start Time: 9:55 Date: 9/26/96

Completion Time: 11:55 Date: 9/26/96

Backfill Time: — Date: *Cuttings drummed*
9/26/96

Sketch Map of Site Area With Drilling Locations

[illegible]

4-6'

8-10

10'-12'

PID/OVA	Sampler Type	Blow Counts	Advance (in.)	Rcvd (in.)	Casing	Annulus	Depth		Boring # SB-5 MW#	Sheet 2 of 3
							Sample Rec	Feet		
							Analyses		Project: Lockheed-Martin	
									Job # LORL 9607 T2 Site: Great Neck	
201	2 1/2"	13	24"	6"	⊗		X	12	Banded Dk. brown and black stained med. to coarse sands with some gravel; strong odor; moist. Metals sample collected. (Re-spooned for more sample volume - split w/ DFL)	
		17						13		
		20						14		
145	2 1/2"	15	24"	3"	⊗		X	14	Dk. brown med. to coarse sands with some gravel; odor detected moist; cobble in spoon tip.	
		17						15		
		12						16		
		25						17		
-	-	-	-	-	-			18	Boulders & cobbles; unable to drive spoon; advance augers to 18 ft.	
		-						19		
		-						20		
56.7	2 1/2"	31	3"	2"	-		X	18	Dk. to med. brown med. sands with some coarse sand and gravel; moist; odor detected.	
		-						19		
		-						20		
157	2 1/2"	5	24"	7"			X	20	3" dk. brown to gray brown med. sands with some gravel / trace cobbles / broken rock over	
		8						21	4" of lt. brown coarse to med. sands with some gravel; odor noted throughout; damp.	
		6						22	Dk. brown med. to coarse sand with some gravel and fractured rock; odor noted; damp.	
		13						23		
55.2	2 1/2"	40	24"	3"			X	22		
		42						24	Lt. brown med. sands with trace gravel. odor noted, strongest at spoon tip where there is black discoloration and finer sands.	
		37						25		
		22						26		
10.5	2 1/2"	14	24"	12"	⊗		X	24		
		11			⊗		X	25		
		6						26		
		9						27		
137	2 1/2"	14	24"	12"			X	26	Brown and grey banded coarse to med. sands, darker bands consist of fine to med. sand w/ some silt; some fine gravel throughout; strong odor in grayish sands at 28 ft.	
		16			⊗		X	27		
		7						28		
265	2 1/2"	10	24"	11"			X	28	2" Moist brown med. sands over 9" of dk. gray-brown med to fine sands with some gravel and trace cobbles; some black staining at 3"-5"; strong odor; damp to moist.	
		7					X	29		
		7						30		
		6						31		
		-						32		
364	2 1/2"	9	24"	22"			X	31	Advance augers until they begin to stick. (Outside of spoon is wet.) Wet med. sands, gray-brown, with some gravel; strong odor	
		6					X	32		

Time: 10:30

12'-14'

152 ppm
nd Dup collected
SB-15 12'-14'

14'-16'

16'-18'

18'-20'

20'-22'

22'-24'

24'-26'

26'-28'

28'-30'

31'-33'

me:
11:50

H2M GROUP

Boring # SB-6 MW#

Sheet 1 of 2

Project: Lockheed Martin

Job # LURL 9607 T2 Site: Great Neck

Logged By: BJB Proj. Eng: RJB Edited By:

Drilling Contractor: Lutz Engineering

Drill Rig Type/Method: *Hollow Stem Auger*

Drillers Name: Steve, Eddy, Bob

Borehole Diam./Drill Bit Type

Total Depth: 30 ft.

Ref. Elev.	Surf.
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Hammer Wt: 400 lbs. Drop: ~ 3 ft.

Start Time: 1:15 Date: 9/26/96

Completion Time: 2:30 Date: 9/26/96

Backfill Time: _____ Date: _____

Sketch Map of Site Area With Drilling Locations

[illegible]

PID/OVA	Sampler Type	Blow Counts	Advance (in.)	Rcvd (in.)	Casing	Annulus	Depth		Boring # SB-6 MW#	Sheet 2 of 2
							Sample Rec Analyses	Feet		
							Project: Lockheed Martin			
							Job # LORL 9607 T2 Site: Great Neck			
65.4	2 1/20'	1	24"	16"			X	12	Well gravel mixed with small amounts of black stained med. to coarse sand; wet; odor detected.	
		1					X	13		
		1					X	14		
18.7	2 1/20'	6	24"	24"			X	14	Mostly wet well gravel; 3" portion at tip contains brown med. sand with some fine gravel; odor detected.	
		7					X	15		
		5					X	15		
		6					X	16		
60.3	2 1/20'	12	24"	12"			X	16	Wet, brown med to fine sands w/ some fine gravel at last 2" (low odor); upper portion contains some gray brown fine sand silts mixed with well gravel.	
		9					X	17		
		0					X	17		
		0					X	18		
6.2	2 1/20'	5	24"	6"			X	18	Damp to dry, brown med. sands w/ trace fine gravel; little or no odor.	
		6					X	19		
		5					X	19		
		4					X	20		
5.4	2 1/20'	11	24"	8"			X	20	Lt. brown to tan finely bedded medium to fine sands with trace gravel; dry; very slight odor.	
		10					X	21		
		10					X	21		
		12					X	22		
5.4	2 1/20'	9	24"	12"			X	22	Same as above; trace thin brown silt lenses at 4" and 9"; dry; little or no odor.	
		13					X	23		
		10					X	23		
		12					X	24		
35.4	2 1/20'	7	24"	12"			X	24	Same as above but with 1" thick silty sand layer colored gray-brown having odor at 5" from top.	
		6					X	25		
		8					X	25		
		6					X	26		
225	2 1/20'	6	24"	18"			X	26	7" of med. to fine lt. brown to tan sands with trace thin silty sand layers; some discoloration; slight odor; lower 11" consists of lt. brown fine silty sands to sandy silts; dry; slight odor.	
		8					X	27		
		7					X	27		
		9					X	28		
281	2 1/20'	8	24"	15"			X	28	Lt. gray-brown to lt. brown fine sandy silts, trace fine gravel in thin layers near upper 6"; lower portion is very fine, probably all silt; dry to damp; strong odor.	
		9					X	29		
		17					X	29		
		38					X	30	END BORING 30 ft. due to spoon refusal and hard drilling for augers (unable to turn augers, skipping & sticking).	
							X	31		
							X	32		

H2M GROUP

Sheet 1 of 2

Project: Lockheed Martin

Job # LORL 9607 T2 Site: Great Neck

Logged By: BJB Proj. Eng: RJB Edited By:

Drilling Contractor: Lutz Environmental

Drill Rig Type/Method: Hollow Stem Auger

Drillers Name: Steve, Eddy, Bob

Total Debt:

[illegible]

Hammer Wt: 400 lbs. Drop: ~3 ft.

Start Time: 2:55 Date: 9/26/96

Completion Time: _____ Date: _____

Backfill Time: _____ Date: _____

Sketch Map of Site Area With Drilling Locations

[illegible]

N-2

PID/OVA	Sampler Type	Blow Counts	Advance (in.)	Rcvd (in.)	Casing	Annulus	Depth		Boring # SB-7 MW#	Sheet 2 of 2
							Sample Rec	Analyses	Project: Lockheed Martin	Job # LORL 9607 T2 Site: Great Neck
							Feet			
							12		Spoon slipped from 12' to 13' without pounding. (VOID SPACE).	
							13		Dk. brown to brown med. to coarse sand with some gravel and trace cobbles.	
							14		Cobble stuck in spoon tip; slight odor; damp.	
							15		Brown to orange brown med. to coarse sand with some gravel and cobbles; very slight odor; damp to dry.	
							16			
							17		Brown coarse to med. sand w/ some gravel & cobbles (4" thick) w/ odor over 5" up.	
							18		brown med. sand with some fine gravel, damp, slight odor.	
							19		Dk. brown med. to coarse sand; odor noted; damp to moist.	
							20		Spoon refusal at 19½ ft; will drill down to 21 ft. before resuming spooning.	
							21		★ END BORING 19½ ft	
							22		Obstruction at 12 ft. in dry well prevents augers from spinning; this along with spoon refusal at 19½ ft leads to termination of the boring.	
							23			
							24			
							25			
							26			
							27			
							28			
							29			
							30			
							31			
							32			

~~12'-14'~~
 13'-15'
~~14'-16'~~
 15'-17'
~~16'-18'~~
 17'-19'
 19'-21'
~~21'-23'~~
 26

END BORING at 11 1/2 ft.

H2M GROUP

Boring # SB-9 MW# ~~2nd~~ attempt. Sheet 1 of 2

Project: Lockheed Martin

Job # LORL 9607 T2 Site: Great Neck

Logged By: BJB Proj. Eng: RJB Edited By:

Drilling Contractor: Lutz Environmental

Drill Rig Type/Method: Hollow Stem

Drillers Name: Steve, Eddy, Bob

Borehole Diam./Drill Bit Type

Total Death

Ref. Elev.

Sfc.

Hammer Wt: 400 lbs. Drop: ~3 ft.

Start Time: 11:35 Date: 9/27/96

Completion Time: _____ Date: _____

Backfill Time: _____ Date: _____

Sketch Map of Site Area With Drilling Locations

[illegible]

PID/OVA	Sampler Type	Blow Counts	Advance (in.)	Rcvd (in.)	Casing	Annulus	Depth		Boring #	Sheet	of
							Sample Rec Analyses	Feet	SB-9 5 th MW#	2	2
							Project: Lockheed-Martin				
							Job # LORL 9607 T2 Site: Great Neck				
								12	Spoon Refusal due to Fill Materials (Spoon attempt at 12'-14' interval)		
								13			
								14			
35.7	-	-	-	-				15	Odor noted in cuttings; sample collected from auger flights at ~15 ft depth. END BORING at 15 ft. Auger Refusal on Construction Debris		
								16			
								17			
								18			
								19			
								20			
								1			
								2			
								3			
								4			
								5			
								6			
								7			
								8			
								9			
								0			
								1			
								2			