

# **GM-39 and GM-73 Vertical Profile Boring and Monitoring Well Installation Summary Report**

## **Naval Weapons Industrial Reserve Plant (NWIRP)**

Bethpage, New York



**Engineering Field Activity Northeast  
Naval Facilities Engineering Command**

**Contract Number N62467-94-D-0888**

**Contract Task Order 812**

November 2002



TETRA TECH NUS, INC.



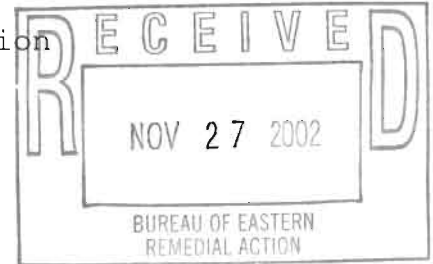
**DEPARTMENT OF THE NAVY**

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NAVAL FACILITIES ENGINEERING COMMAND  
10 INDUSTRIAL HIGHWAY  
MAIL STOP, #82  
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IN REPLY REFER TO  
5090  
Code EV21/JLC

26 NOV 2002

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Bureau of Eastern Remedial Action  
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Dear Steve:

Subj: Northrop Grumman and NWIRP Bethpage, Sites 1-30-003 A&B; ONCT  
System Effectiveness Evaluation Installation Summary Report

The enclosed document is being forwarded and contains information regarding the installation of Vertical Profile Borings (VPBs) 39 and 73. This document also describes the installation of Permanent Monitoring Wells MW-39D, MW-39D2 and MW-73D.

The VPBs and wells were installed in accordance with the *Hydraulic Effectiveness Evaluation Work Plan for the Operable Unit 2 On-Site Containment (ONCT) System* dated 28 June 2002. The purpose of this fieldwork effort, conducted by the Department of Navy, was to obtain analytical data to support the development of the ONCT Evaluation and Effectiveness Report. This report is currently under development by ARCADIS Geraghty & Miller (AGM), on behalf of Northrop Grumman, and will be submitted under separate correspondence.

If you have any questions or would like to discuss the enclosed document further, please give me a call at (610) 595-0567, ext. 163.

Sincerely,

JAMES L. COLTER  
Remedial Project Manager  
By direction of the  
Commanding Officer

Enclosure: (1) ONCT System Effectiveness Evaluation Installation  
Summary Report

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**GM-39 AND GM-73 VERTICAL PROFILE BORING  
AND MONITORING WELL INSTALLATION  
SUMMARY REPORT**

**NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP)  
BETHPAGE, NEW YORK**

**COMPREHENSIVE LONG-TERM  
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT**

**Submitted to:  
Engineering Field Activity Northeast  
Environmental Branch Code EV2  
Naval Facilities Engineering Command  
10 Industrial Highway, Mail Stop #82  
Lester, Pennsylvania 19113-2090**

**Submitted by:  
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**CONTRACT NUMBER N62467-94-D-0888  
CONTRACT TASK ORDER 0812**

**NOVEMBER 2002**

**PREPARED UNDER DIRECTION OF:**

**APPROVED BY:**

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## 1.0 INTRODUCTION

This report summarizes the installation of two vertical profile borings (VPB) and three monitoring wells on former/current Northrop Grumman Corporation (NGC) property. The VPBs were installed to determine contaminant distribution, lithology, and the screen intervals for the monitoring wells. The monitoring wells were installed to collect groundwater samples for chemical testing and to obtain water level measurements to help evaluate the effectiveness of the On-Site Containment (ONCT) System. Tetra Tech NUS, Inc. (TtNUS) performed the work under contract to the U.S. Navy Engineering Field Activity Northeast (EFA Northeast) under Contract Task Order (CTO) 812 of the Comprehensive Long-Term Environmental Action Navy (CLEAN) Contract Number N62467-94-D-0888.

### 1.1 SCOPE OF WORK

Two VPBs (VPB-39 and VPB-73) were drilled on former/current Northrop Grumman property, north of Central Avenue and east of Hicksville Road, see Figure 1. Three monitoring wells (GM-39D, GM-39D2 and GM-73D) were then installed in this area. Soil and groundwater samples were collected at depth-specific intervals from each VPB. Total depths for each VPB and monitoring well are as follows:

- 675 feet for VPB-39
- 680 feet for VPB-73
- 282 feet for GM-39D
- 420 feet for GM-39D2
- 411 feet for GM-73D

The depths of the VPBs reflect the approximate top of the Raritan Confining Unit in this area and the depths of the monitoring wells reflect isolated zones of concern based on geophysical and analytical data obtained from the VPBs.

### 1.2 REPORT FORMAT

This report presents the methodology, field forms, and analytical results for the installation of the VPBs and monitoring wells. Section 1.0 provides a brief introduction and summary of the scope of work. Field methodologies for VPB and monitoring well installation are provided in Section 2.0. Analytical results for the VPBs and construction details for the monitoring wells are provided in Section 3.0.

LOCATION OF VERTICAL PROFILE BORINGS  
 NAVAL WEAPONS INDUSTRIAL RESERVE PLANT  
 BETHPAGE, NEW YORK

AS NOTED

COST/SCHEDULE AREA

CHECKED BY DATE  
 J. LAMEY 4/28/00

DRAWN BY DATE  
 J. LAMEY 4/28/00

Tetra Tech NUS, Inc.

CONTRACT NUMBER  
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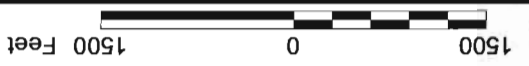
OWNER NUMBER

APPROVED BY DATE

APPROVED BY DATE

DRAWING NO.  
 FIGURE 1

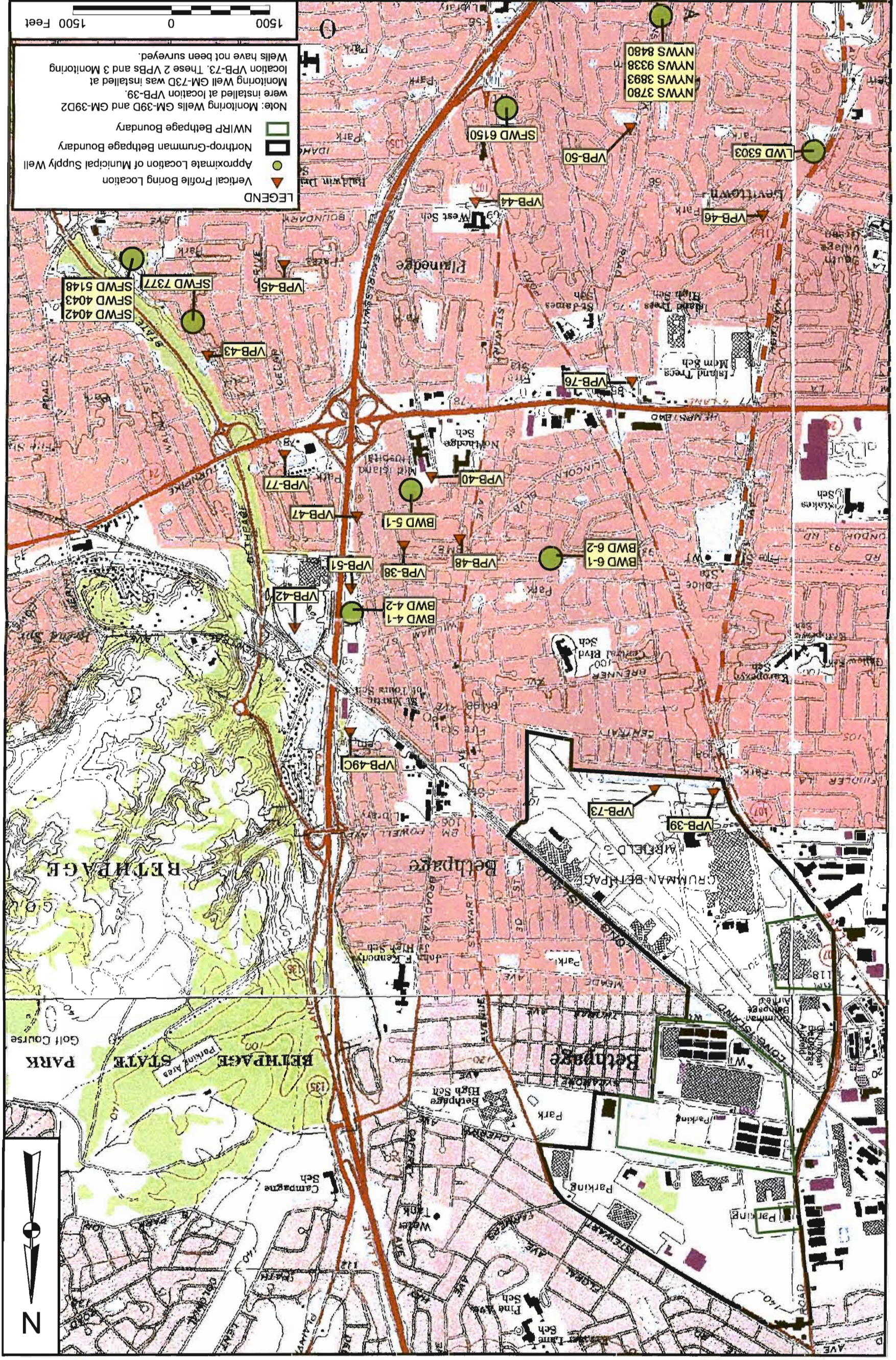
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**LEGEND**

- ▲ Vertical Profile Boring Location
- Approximate Location of Municipal Supply Well
- Northrop-Grumman Bethpage Boundary
- NWIRP Bethpage Boundary

Note: Monitoring Wells GM-39D and GM-39D2 were installed at location VPB-39. Monitoring Well GM-73D was installed at location VPB-73. These 2 VPBs and 3 Monitoring Wells have not been surveyed.





## **2.0 DRILLING, SAMPLING AND WELL INSTALLATION**

This section describes the field methodologies for installation of the off-site VPBs and monitoring wells. The work was performed in accordance with the Work Plan Addendum for Installation of Supplemental Monitoring Wells On-Site Containment System Hydraulic Effectiveness Evaluation (August 2002). All work was performed from August through November 2002. Uni-Tech Drilling Company, Inc. (UTD), of Malaga, New Jersey, drilled the VPBs and installed the monitoring wells under subcontract to TtNUS. Aqua Terra Geophysics, Inc., of Bellport, New York, under subcontract to UTD, performed the borehole geophysical logging. EcoTest Laboratories of North Babylon, Long Island, New York performed the analytical testing on the groundwater samples under subcontract to TtNUS.

### **2.1 DRILLING METHODOLOGY**

All VPBs and monitoring borings were advanced using mud rotary drilling techniques.

#### **2.1.1 Mud Rotary**

The VPBs were initially reamed to eight inches in diameter ranging in depth from 150 to 120 feet below ground surface (bgs) in VPB-39 and VPB-73 respectively, in order to set a temporary 6-inch PVC casing. The temporary casing was used in both of the VPBs to prevent collapse due to coarse gravel in the upper portions of the borehole. After the temporary casing was set, the VPBs were then reamed to 6 inches in diameter to the total depth of the boring. Drilling mud consisted of potable water and polymer-free sodium bentonite. All drilling mud was contained and recirculated in a baffled, high capacity mud pan.

### **2.2 SOIL SAMPLING**

Soil samples were collected from VPBs for lithology purposes. Split spoon samples in the VPBs were collected on 20-foot intervals starting at or near the water table and continued until the Raritan clay layer was reached.

Soil samples were collected using 2-inch diameter split-spoon samplers according to the American Standard of Test Methods (ASTM) D-1586. Depths not sampled were logged for lithology based on the drill cuttings brought to the surface entrained in the drilling mud.

### **2.3 GROUNDWATER SAMPLING**

Groundwater samples were collected from depth specific intervals in each boring. All groundwater samples were collected at the same sample intervals as split spoon soil samples (see Section 2.2), after

collection of the soil sample at each interval. After advancement of the borings to the appropriate sample interval and collection of the split spoon sample, a hollow direct push technology (DPT) sampling point (hydropunch) capable of water sample collection was advanced a distance of approximately 1-foot past the split spoon sample interval to ensure representative groundwater samples. The hydropunch was opened and the screen exposed to the formation and allowed to fill with groundwater (approximately 30 minutes for shallow intervals, and approximately one hour for deeper intervals). The hydropunch was then closed and raised to the ground surface. Once at ground surface, the hydropunch was opened and bottleware was filled directly from the sampler. In some instances, the sampler contained insufficient groundwater or no groundwater at all. A second attempt was made at the discretion of the field geologist in these instances. A maximum of two attempts was made at intervals where a groundwater sample could not be collected on the first attempt. Factors considered when making a second attempt were as follows:

- If the observed lithology from the split spoon sample consisted of a low permeable unit (i.e., silt or clay), no attempt was made at this depth.
- If clay or silt was observed on the hydropunch screen after the first attempt and there was insufficient volume to obtain a sample, no second attempt was made.
- If the hydropunch malfunctioned, a second attempt was made.

Field water quality parameters of pH, specific conductance, temperature, dissolved oxygen, turbidity, and salinity were monitored, provided a sufficient volume of groundwater was available. Samples were placed in a cooler containing ice and held for sample pick up by a laboratory courier. All samples were submitted to the laboratory (48-hour turnaround time) for analysis of volatile organic compounds (VOCs) for the analytes listed in, and in accordance with, GC method SW846-8260B.

### **2.3.1 Groundwater QA/QC Sampling**

Quality assurance (QA) and quality control (QC) samples were collected during this effort as follows:

- Trip blanks on a daily basis or per shipment
- Drilling mud sample (at the discretion of the field geologist)
- Duplicates at a rate of 1 per 10 groundwater samples collected

## **2.4 BOREHOLE GEOPHYSICAL LOGGING**

Borehole geophysical logs were recorded in both of the VPBs. Following advancement to the total depth of each boring, the drilling tools were withdrawn from the borehole. A geophysical probe was then run

down the borehole and back up. The geophysical data was recorded using a Mount Sopris MGX II digital logger. The probe was multi-function and recorded a natural gamma ray log, as well as single point resistivity, and spontaneous potential logs. Once gamma logging of the boring was complete, the temporary PVC casing was removed from the borehole and the boring was backfilled to the land surface with a Volclay® high-solids bentonite slurry using a tremie pipe.

## **2.5 MONITORING WELL INSTALLATION**

After advancement and completion of the VPBs and after the well screen intervals was determined, the monitoring wells were drilled and installed. The wells were installed at separate locations adjacent to the VPBs using mud rotary methods, to depth. The well screen and riser pipe was lowered into the open borehole after the drilling mud was thinned to the fullest extent possible without resulting in excessive caving. Well materials were then installed in the open borehole to the appropriate depth.

The depths of all backfilled materials were constantly monitored during the well installation process by means of a wire-line measuring device. The monitoring wells were constructed of 4-inch diameter, 3-3/4-inch inside diameter, schedule 80, National Sanitation Foundation (NSF) grade Polyvinyl Chloride (PVC) well casing and screen. Well screens were 10 slot (0.010 inches). A vented PVC well cap and threaded PVC bottom cap were installed on each well.

All riser pipe and screen sections were flush-joint and internally-threaded. No couplings, solvents, glues or chemical cleaners were used in well construction. After setting the well screen and casing, the gravel pack was placed within the boring annulus to depth. In general, the well gravel pack was placed as follows:

- Deep (D) wells: to a minimum depth of 10 feet above the top of screen.
- Deep (D2) wells: to a minimum depth of 20 feet above the top of screen.

An exception to this placement occurred in monitoring well GM-73D, where both the fine and coarse gravel pack were placed at discreet depths in an attempt to seal off the identified clay layer that was encountered both above and below the screened interval.

The gravel pack was carefully placed into the annulus through a tremie pipe and its depth checked during placement for potential bridging. The primary gravel pack consisted of FilPro WG #1 silica sand. A fine sand layer (finer than the primary gravel pack), consisting of FilPro WG # 00 was placed in the annulus on top of the coarser gravel pack in the same manner as the gravel pack as follows:

- Deep (D) wells: 5 feet thick above the top of the gravel pack.
- Deep (D2) wells: 10 feet thick above the top of the gravel pack.

A bentonite seal was then placed above the fine sand layer using a tremie pipe. The seal consisted of approximately 1.25 pounds of pure bentonite per gallon of water. A cement-bentonite slurry was then installed (above 100 feet bgs) within the annular space above the bentonite seal using a tremie pipe. In all wells, the slurry was installed to approximately 3 feet below ground surface in one continuous operation.

Monitoring wells were completed at grade by cementing a 6-inch diameter, locking curb box in place over the wells. A layer of sand was installed above the grout slurry and inside the curb box to allow for drainage of water. A 0.5 foot thick concrete apron measuring approximately 2 feet by 2 feet was placed around each well. Keyed alike well locks were used to secure an expandable plug placed on all riser pipe tops.

During the drilling of monitoring well GM-39D2, it was required to take 2 hydropunch samples below the depth of the targeted screened interval. These 2 hydropunch samples were taken at 463 and 477 feet bgs to address a potential data gap that occurred during the initial drilling and sampling of VPB-39. In order to accomplish this, the borehole was first drilled using 6-inch mud rotary methods to the depths required for sampling. After the sampling was performed, the rods were removed and the borehole was reamed using 8-inch rotary methods. The cuttings were allowed to collapse below the targeted screen interval of the monitoring well. The monitoring well was then installed by the methods described above.

## **2.6 MONITORING WELL DEVELOPMENT**

The monitoring wells were developed to remove drilling mud and fine formation particles from the well filter packs. Monitoring wells were developed no sooner than 24 hours after installation. Development was accomplished by using two methods: air lifting/mechanical surging and pumping using a submersible pump.

All three monitoring wells (GM-39D, GM-39D2 and GM-73) were developed using a combination of air lifting, mechanical surging, and pumping with a submersible pump. A threaded, 2-inch diameter steel eductor pipe with a dual surge block assembly (i.e. two rubber swabs set approximately 5 feet apart along a length of perforated steel pipe) was lowered into the wells with the surge block set at the bottom of the well screen. A 3/4-inch diameter polyethylene airline was inserted in the eductor pipe to a depth above the well screen. The wells were developed at 2 to 5-foot intervals in the screened interval using a combination of mechanical surging (vertical movement of the surge block by the truck-mounted wire line)

and air lifting. Once the screened interval was completely developed using this method, the pipe was removed from the well and development continued using a submersible pump. The submersible pump was placed approximately 30 to 50 feet below the static water level in order to remove the stagnant water from above the well screen. When the water became clear or at the direction of the field geologist the inside of the casing was rinsed with water from the pump discharge, and the pump was slowly raised through the water column ( with the pump running) until it was at or near the static water level. Pumping ceased and development was complete when the water level stabilized, all traces of drilling mud were removed, and the well produced clear, sediment free water. The well cap was cleaned and rinsed with deionized water and placed back on the well riser pipe.

Field water quality measurements of pH, specific conductance, temperature, dissolved oxygen (during pumping), and turbidity were monitored and recorded periodically throughout well development. In compliance with NYSDEC policy, all wells were developed until turbidity measurements were less than 50 nephelometric turbidity units (NTUs). The groundwater in GM-39D had a cloudy appearance visually, however, the value of less than 50 NTUs was achieved.

### 3.0 FIELD FORMS AND ANALYTICAL RESULTS

This section presents analytical results associated with each VPB and monitoring well construction details. The field forms and analytical results are presented as Appendices A through E. Field forms for each VPB include the following:

- Boring logs for the VPBs
- Borehole geophysical logs
- Groundwater sample log sheets
- QA sample log sheets
- Chain of custody records

Field forms for each of the monitoring wells include the following:

- Boring logs-see VPB boring logs for more detail
- Monitoring well construction sheets
- Monitoring well development sheets

Also included are copies of groundwater analytical results for each VPB. A summary of VPB groundwater and QA sampling, including sample identification, depth at which the sample was collected and total VOCs are provided in Tables 3-1 through 3-4. Monitoring well construction details are provided in Table 3-5.

TABLE 3-1

GROUND WATER SAMPLE SUMMARY  
 VERTICAL PROFILE BORING VPB-39  
 NAVAL WEAPONS INDUSTRIAL RESERVE PLANT  
 BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs) <sup>(1)</sup>	Total VOCs (ug/L) <sup>(2)</sup>	Comments	pH	S.C. (mS/cm)	Temp. (°C)	Turb. (NTU) <sup>(3)</sup>	DO (mg/L)	ORP (mV)	Salinity (%)	TDS (g/L)
1	BP-VPB-39-022023	22		Dry-Above Water Table								
2	BP-VPB-39-042043	42		Dry-Above Water Table								
3	BP-VPB-39-062063	62	ND	Only 1 vial due to insufficient volume								
4	BP-VPB-39-082083	82	ND	Only 1 vial due to insufficient volume								
5	BP-VPB-39-102103	102	1	Good sample <sup>(4)</sup>	7.39	0.447	20.91	NA	7.50	153	0.00	0.29
6	BP-VPB-39-122123	122	ND	Good sample	7.59	0.184	22.16	NA	6.62	40	0.00	0.12
7	BP-VPB-39-142143	142	6	Good sample	7.08	0.456	23.29	NA	7.62	123	0.00	0.30
8	BP-VPB-39-162163	162	3	Good sample	6.98	0.330	18.45	NA	8.01	51	0.00	0.21
9	BP-VPB-39-182183	182	ND	Good sample	7.14	0.398	21.43	NA	9.63	50	0.00	0.26
10	BP-VPB-39-202203	202	25	Good sample	6.25	0.146	20.94	NA	6.26	57	0.00	0.09
11	BP-VPB-39-222223	222	2	Good sample	6.63	0.457	20.94	NA	6.45	3	0.00	0.30
12	BP-VPB-39-242243	242		No Sample-Hydropunch was dry								
13	BP-VPB-39-262263	262	120	Good sample	6.07	0.174	21.66	NA	7.59	63	0.00	0.11
14	BP-VPB-39-282283	282		No Sample-Hydropunch was dry								
15	BP-VPB-39-302303	302	22	Took 2 Vials but no parameters								
16	BP-VPB-39-322323	322	11	Good sample	7.59	0.395	18.3	NA	4.82	86	0.00	0.26
17	BP-VPB-39-342343	342	5	Good sample	6.93	0.199	19.23	NA	5.73	12	0.00	0.13
18	BP-VPB-39-362363	362	22	Good sample	6.79	0.220	18.84	NA	7.98	64	0.00	0.14
19	BP-VPB-39-382383	382	141	Good sample	6.17	0.236	18.27	NA	4.74	70	0.00	0.15
20	BP-VPB-39-402403	402	789	Good sample	6.89	0.530	18.87	NA	4.49	-10	0.00	0.34
21	BP-VPB-39-421422	421	14	Took 2 Vials but no parameters								
22	BP-VPB-39-442443	442	53	Good sample	6.49	0.543	20.9	NA	7.58	86	0.00	0.35
23	BP-VPB-39-462463	462		Clay Layer- No sample attempted								
24	BP-VPB-39-482483	482	3	Good sample	6.84	1.490	17.05	NA	10.48	199	0.10	1.00
25	BP-VPB-39-492493	492	4	No Sample-Hydropunch was dry								
26	BP-VPB-39-502503	502	ND	Took 2 Vials but no parameters								
27	BP-VPB-39-522523	522	3	Only 1 vial due to insufficient volume								
28	BP-VPB-39-542543	542	44	Good sample	6.82	0.216	20.5	NA	2.02	23	0.00	0.14
29	BP-VPB-39-562563	562	32	Good sample	7.05	0.170	19.59	NA	5.51	45	0.00	0.11
30	BP-VPB-39-582583	582	ND	Only 1 vial due to insufficient volume								
31	BP-VPB-39-602603	602	4	Only 1 vial due to insufficient volume								
32	BP-VPB-39-622623	622	2	Took 2 Vials but no parameters								
33	BP-VPB-39-642643	642	2	Took 2 Vials but no parameters								

Notes: bgs: Below ground surface, NA: Not Applicable, ND: Not Detected

1. Samples were taken on 20-foot centers starting at the water table to the total depth of the borehole. Where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval or at the direction of the site geologist.
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.
3. All turbidity measurements were >999 NTU's unless otherwise noted.
4. A good sample is defined as a sample of representative ground water with sufficient volume for parameters.

TABLE 3-2

GROUND WATER SAMPLE SUMMARY  
 VERTICAL PROFILE BORING VPB-73  
 NAVAL WEAPONS INDUSTRIAL RESERVE PLANT  
 BETHPAGE, NEW YORK  
 PAGE 1 OF 1

Number	Sample ID	Depth (bgs) <sup>(1)</sup>	Total VOCs (ug/L) <sup>(2)</sup>	Comments	pH	S.C. (mS/cm)	Temp. (°C)	Turb. (NTU) <sup>(3)</sup>	DO (mg/L)	ORP (mV)	Salinity (%)	TDS (g/L)
1	BP-VPB-73-022023	22	ND	Took 2 Vials but no parameters								
2	BP-VPB-73-042043	42	ND	Good sample <sup>(4)</sup>	6.90	1.630	26.80	NA	6.07	162	0.10	1.00
3	BP-VPB-73-062063	62	ND	No Sample-Hydropunch was dry								
4	BP-VPB-73-072073	72	ND	Only 1 vial due to insufficient volume								
5	BP-VPB-73-082083	82	ND	Good sample	6.92	1.410	23.70	NA	5.31	130	0.10	0.90
6	BP-VPB-73-102103	102	ND	Took 2 Vials but no parameters								
7	BP-VPB-73-122123	122	ND	Only 1 vial due to insufficient volume								
8	BP-VPB-73-142143	142	ND	Good sample	7.30	1.260	25.50	NA	10.60	123	0.10	0.80
9	BP-VPB-73-162163	162	ND	Took 2 Vials but no parameters								
10	BP-VPB-73-182183	182	ND	Good sample	7.40	1.010	20.71	NA	12.22	85	0.00	0.60
11	BP-VPB-73-202203	202	ND	Good sample	7.11	0.159	20.70	NA	8.87	72	0.00	0.10
12	BP-VPB-73-222223	222	ND	Good sample	7.49	1.320	21.48	NA	8.93	122	0.10	0.80
13	BP-VPB-73-242243	242	ND	Good sample	7.67	1.380	21.45	NA	8.10	135	0.10	0.90
14	BP-VPB-73-262263	262	ND	Only 1 vial due to insufficient volume								
15	BP-VPB-73-282283	282	ND	Good sample	6.80	0.478	20.76	NA	5.36	125	0.00	0.31
16	BP-VPB-73-302303	302	ND	Good sample	7.01	1.380	21.36	NA	4.85	151	0.10	0.90
17	BP-VPB-73-322323	322	ND	Took 2 Vials but no parameters								
18	BP-VPB-73-341342	341	6	No Sample-Hydropunch was dry								
19	BP-VPB-73-362363	362	9	Good sample	7.44	1.270	21.57	NA	9.26	148	0.10	0.80
20	BP-VPB-73-382383	382	9	Good sample	7.24	0.158	20.74	NA	6.81	33	0.00	0.10
21	BP-VPB-73-402403	402	43	Good sample	7.09	1.290	21.45	NA	4.72	103	0.10	0.80
22	BP-VPB-73-422423	422	427	Good sample	7.03	0.421	22.55	NA	0.73	-157	0.00	0.27
23	BP-VPB-73-441442	441	15	Good sample	7.08	0.896	21.00	NA	4.95	100	0.00	0.57
24	BP-VPB-73-461462	461	374	Good sample	6.87	0.315	19.18	NA	4.96	65	0.00	0.20
25	BP-VPB-73-482483	482	19	Good sample	7.10	1.580	19.90	NA	4.32	116	0.10	1.00
26	BP-VPB-73-502503	502	35	Only 1 vial due to insufficient volume								
27	BP-VPB-73-522523	522	334	Only 1 vial due to insufficient volume								
28	BP-VPB-73-542543	542	62	Good sample	7.49	1.510	20.65	NA	9.43	74	0.10	1.00
29	BP-VPB-73-562563	562	13	Good sample	7.16	1.350	17.08	NA	10.00	166	0.10	0.90
30	BP-VPB-73-582583	582	5	No Sample-Hydropunch was dry								
31	BP-VPB-73-592593	592	2	Took 2 Vials but no parameters								
32	BP-VPB-73-602603	602	2	Good sample	7.04	1.700	19.58	NA	9.49	134	0.10	1.10
33	BP-VPB-73-622623	622	1	Only 1 vial due to insufficient volume								
34	BP-VPB-73-642643	642	1	Good sample	8.50	1.550	22.01	NA	6.33	147	0.10	1.00

Notes: bgs: Below ground surface, NA: Not Applicable, ND: Not Detected

1. Samples were taken on 20-foot centers starting at the water table to the total depth of the borehole. Where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval or at the direction of the site geologist.
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.
3. All turbidity measurements were >999 NTU's unless noted otherwise.
4. A good sample is defined as a sample of representative ground water with sufficient volume for parameters.



TABLE 3-3

QA/QC SAMPLE SUMMARY  
 VERTICAL PROFILE BORING VPB-39  
 NAVAL WEAPONS INDUSTRIAL RESERVE PLANT  
 BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L) <sup>(1)</sup>	Comments
1	BP-TB-092302	NA	ND	Laboratory-supplied trip blank.
2	BP-VPB-39-DUP1	102	1	Duplicate of BP-VPB-39-102103.
3	BP-TB-092502	NA	ND	Laboratory-supplied trip blank.
4	BP-VPB-39-DUP2	182	ND	Duplicate of BP-VPB-39-182183
5	BP-VPB-39-DM320	320	10	Drilling mud sample at 320 feet bgs.
6	BP-VPB-39-DUP3	382	141	Duplicate of BP-VPB-39-382383.
7	BP-TB-093002	NA	ND	Laboratory-supplied trip blank.
8	BP-TB-100202	NA	ND	Laboratory-supplied trip blank.
9	BP-VPB-39-DM580	580	ND	Drilling mud sample at 580 feet bgs.
10	BP-TB-101802	NA	ND	Laboratory-supplied trip blank.

**Notes:** bgs: Below ground surface  
 NA: Not applicable  
 ND: Not detected

1. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.

TABLE 3-4

**QA/QC SAMPLE SUMMARY  
VERTICAL PROFILE BORING VPB-73  
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT  
BETHPAGE, NEW YORK**

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L) <sup>(1)</sup>	Comments
1	BP-TB-082002	NA	ND	Laboratory-supplied trip blank.
2	BP-VPB-73-DUP1	42	ND	Duplicate of BP-VPB-73-042043.
3	BP-VPB-73-DUP2	182	ND	Duplicate of BP-VPB-73-182183.
4	BP-VPB-73-DM260	260	ND	Drilling mud sample at 260 feet bgs.
5	BP-TB-082602	NA	ND	Laboratory-supplied trip blank.
6	BP-VPB-73-DUP3	282	ND	Duplicate of BP-VPB-73-282283.
7	BP-TB-082802	NA	ND	Laboratory-supplied trip blank.
8	BP-VPB-73-DUP4	542	60	Duplicate of BP-VPB-73-542543.
9	BP-VPB-73-DM560	560	11	Drilling mud sample at 560 feet bgs.
10	BP-TB-090302	NA	ND	Laboratory-supplied trip blank.
11	BP-VPB-73-DUP5	642	1	Duplicate of BP-VPB-73-642643.

**Notes:** bgs: Below ground surface  
NA: Not applicable  
ND: Not detected

1. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.

TABLE 3-5

MONITORING WELL CONSTRUCTION  
 DETAILS GM-39 AND GM-73  
 NAVAL WEAPONS INDUSTRIAL RESERVE PLANT  
 BETHPAGE, NEW YORK

Well Number	Date Completed	Well Diameter (inches)	Reference Point Elevation Feet (MSL)	Screened Interval (ft BGS)	Depth Gravel Pack (ft BGS)	Depth Fine Sand (ft BGS)	Screen Length (ft)	Total Depth of Well (ft BGS)	Type of Surface Completion	Date Developed
GM-39D	10/14/02	4	(1)	262 TO 282	252	247	20	283	Flush Mount	10/24/02 TO 10/30/02
GM-39D2	10/22/02	4	(1)	410 TO 420	390	380	10	421	Flush Mount	10/31/02 TO 11/5/02
GM-73D	9/12/02	4	(1)	401 TO 411	397	394	10	412	Flush Mount	9/16/02 TO 9/19/02

Notes:

Reference point elevation refers to the top of the 4-inch riser pipe of each well.

MSL- Feet above mean sea level

BGS - Below ground surface

Well screens and riser pipe consisted of 4-inch schedule 80 PVC. Actual inside diameter is approximately 3.75 inches.

(1) - Survey results are pending.

**Appendix A**

**VPB-39**





# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 9/23/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Fl. or Run No.)	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	0				LOOSE	TAN	SAND AND GRAVEL		4" ASPHALT				
									8" Φ MUD ROTARY TO 150'				
	10								THEN SET 6" PVC TEMP CASING. TO 150 ±				
S-1 e 1055	20	7 11	0.5/2		M DENSE TO DENSE	YELLOW BRN	SAND AND GRAVEL	SW GW	WET → MOIST HP-1 e 1100	0	0	0	0
	22	16 18		HP-1 e 1150					TOOK [BP-VPB-39-022023] WAS DRY				
	23								PROBABLY ABOVE WATER TABLE				0
	30												
	40												
S-2 e 124542	20	8 12	.5/2		DENSE		GRAVEL AND SAND	GW	WET - 3/4" SUB ROUND GRAVEL DRIVE HP-2 e 1250	0	0	0	0
	20	20 21		HP-2 e 1350					WAS DRY - STILL ABOVE WATER TABLE. [BP-VPB-39-042043]				
	50												

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm): 0

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB39-A1



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 9-23-02 / 9-24-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RGD	Depth (Ft.) or Run No.	Blows / 6" or RGD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)										
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**							
	50	/	/																	
S-3 e 1435	60	16 30	1/2		V DENSE	BRN	SILTY F/M SAND	SM SP	WET W/MICA DRIVE HP-3 e 1445 TOOK BP-VPB-39- 062063 e 1545 1 VIAL ONLY											
	62	55 70		HP-3 e 1545																
	63	/	/																	
	70	/	/																	
S-4 e 0830	80	15 16	1 3/2		V DENSE	PINK ORANG GRAY BRN	SILTY F SAND TR CLAY IN TOP 6"	SM	WET/MICA LAMINATED DRIVE HP-4 e 0835 HRS TOOK BP-VPB-39 082063 (1-VIAL)											
	82	26 27		HP-4 e 0935																
	83	/	/																	
	90	/	/																	
	100	/	/																	

9/23  
 9/24

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 9/24/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Fl.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Fl.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)				
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole "	Driller BZ "	
S-5 e	100	10 18	1.5/2	HP-5 e 105	V DENSE	GRAY TO BRN	SILTY F SAND TR CLAY TOP 6"	SM	WET/MICA DRIVE HP-5 @ 1005 TOOK BP-VPB-39 102103 @ 1105 DUP HERE ALSO BP-VPB-39-DUP 1	0	0	0	0	
1000	102	22 40												
	103													
	110													
S-6 e	120	29 36	1.5/2	HP-6 e 1225	V DENSE	GRAY BRN	F/M SAND (SILTY) TR CLAY IN "WASH".	SP / SM	WET/MICA DRIVE HP-6 @ 1125 TOOK BP-VPB-39 122123 @ 1225	0	0	0	0	
1120	122	80 78												
	123													
	130													
	140													
S-7 e	1250	8 15	1.5/2	HP-7 e 1355	V DENSE	TAN BRN	SILTY SAND	SM	WET/MICA DRIVE HP-7 @ 1255 HRS TOOK BP-VPB-39-142143 @ 1355 (2 VIALS)	0	0	0	0	
1250	142	42 47												
	143													
	150													

\* When rock coring, enter rock brokeness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB39-A3







# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 9/25/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (F.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/F.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)								
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**					
				200														
S-10 e 1005	200 202 203 210	16 99 100	1.5/2	HP-10 C 1110	V DENSE /STIFF	DK GRAY	CLAYEY SILTY VF SAND - LAMINATED w/ V THIN SAND LENSES.	SM /SC	WET/ MICA DRIVE HP-10 e 1010 TOOK BP-VPB-39 202203 e 1110 (2 VIALS)	0	0	0	0					
S-11 e 1120	220 222 223 230	30 62 108	1.4/1.5	HP-11 C 1220	V DENSE	GRAY TR ORANGE BRN	SILTY F SAND TR CLAY LENS 1/2" THICK @ 221'	SM	WET/ MICA DRIVE HP-11 e 1130 TOOK BP-VPB-39 222223 e 1220 (2 VIALS)	0	0	0	0					
S-12 e 1245	240 242 243 250	17 137	1.4/1.5	HP-12 C 1350 (DRY)	V DENSE	GRAY BRN	SILTY F/M SAND HP-12 - DRIVEN INTO CLAY ?	SM /SP	WET/ MICA DRIVE HP-12 e 1250 TOOK BP-VPB-39 242243 e 1350 NO SAMPLE - DRY	0	0	0	0					

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No  Well I.D. #: \_\_\_\_\_

VPB39-A5





# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 9/26/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (F.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S .	Remarks	PID/FID Reading (ppm)				
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
S-15 e 0800	300 302	14 77 48 62	1/2	HP-15 e 0905	V DENSE	BRN	SILTY F/M SAND	SM SP	WET/MICA DRIVE HP15 @ 0805 HRS TOOK BP-VPB-39- 302303 @ 0905 (2 VIALS)	0	0	0	0	
	303													
	310													
S-16 e 0925	320 322	16 55 53 61	1 1/2	HP-16 e 1030	V DENSE	GRAY BRN	SILTY F/M SAND TR CLAY IN "WASH"	SM SP	WET/MICA DRIVE HP-16 @ 0930 TOOK BP-VPB-39 322323 @ 1030 HRS 2 VIALS	0	0	0	0	
	323													
	330							NOT SOME CLAY DRIVING FROM 325 -> 340 (PER DRIVER)						
S-17 e 1045	340 342	16 45 25 27	1 1/2	HP-17 e 1150	V DENSE	BRN GRAY	SILTY F/M SAND TR DARK GRAY STRINGERS OF SAND (LIGNITE?)	SM SP	WET/MICA DRIVE HP-17 @ 1050 TOOK BP-VPB-39- 342343 @ 1150	0	0	0	0	
	343													
	350													

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm): 0

Converted to Well: Yes          No      Well I.D. #: \_\_\_\_\_

VPB39-A7



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 9/26/02 / 9/27/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or ROD	Depth (Ft.) or Run No.	Blows / 6" or ROD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)									
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**						
	350																		
S-18 e 1330	360																		
	362	12	43	1/1.5	V DENSE	BRN	SILTY F/M SAND - TR DK GRAY LENSES (LIGNITE)?		WET W/ MICA DRIVE HP-18 @ 1235 TOOK BP-VPB-39 362 363 e 1335 (2 VIALS)										
	363	109																	
	370																		
S-19 e 0820	380	13	34																
	382	50	34	1/2	V DENSE	GRY	SILT F/M SAND - TR CLAY @ 381 1" SEAM (LAMINATED)	SM SP	WET W/ MICA DRIVE HP-19 @ 0825 HRS TOOK BP-VPB-39 382 383 e 0925 (2 VIALS)										
	383																		
	390																		
	400																		

9/26  
9/27

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB39-A8



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 9/27/02 → 9/30/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Fl.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
S-20 e 955	400 402 403 410	11 23 71 76	12/2	HP 20 e 1100	V DENSE	GRAY TR ORANG BRN	SILTY F SAND	SM	WET/MICA DRIVE HP 20 @ 1000 TOOK BP-VPB-39 @ 1100 402403 @ 1100	0	0	0	0
S-21 e 1125	421 422 430	13 120	2/1	HP 21 e 1230	V DENSE	GRAY	F/M SAND - TR CLAY (POOR RECOVERY)	SM SP	WET/MICA DRIVE HP 21 @ 1130 CLAY (CL) TOOK BP-VPB-39 - @ 421422 1230 (2 VIALS)	0	0	0	0
S-22 e 1305	442 443 450	15 42 80 88	1/2	HP 22 e 1410	V DENSE	BRN	F/M SAND TO CLAY @ 443	SP	WET/MICA DRIVE HP 22 @ 1310 TOOK BP-VPB-39 442443 @ 1410 (2 VIALS) PER DRIVER	0	0	0	0

9/27  
9:30

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB39-A9



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 9/30/02 / 10/1/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	450				STIFF	GRAY	"CLAY" - SANDY AS PER DRILLER AND CUTTINGS	SC	WET				0
	460	30	41										
9/30 10/1	462	68	80	1.5/2	STIFF	GRAY	SILTY CLAY TO APPROX 465±		WET → MOIST DID NOT TAKE HP SAMPLE DUE TO CLAY. ENTIRE SPOON SAMPLE. CLAY WAS ALSO OBSERVED ABOVE 460'. WILL GO TO 480 NEXT	0	0	0	0
	470												0
	480	28		480									
	482	100	5/15		V DENSE	TAN BPN	F/M SAND	SP	WET - MICA DRIVE HP 23	0	0	0	0
	483			HP 23 @ 0915					TOOK BP-VPB-39- 482-483				
	490	31		490		ORANG			@ 0915 WAS GRY WILL GO TO 490.				
	492	113	105	5/15	V DENSE	GRAY BPN	SILTY F/M SAND	SM SF	WET / MICA DRIVE HP 24	0	0	0	0
	493			HP 24 @ 1050					@ 0950 TOOK BP-VPB-39- 492-493				
	500								@ 1050				

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB39-A10



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 10/1/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
S-26 @ 1105	500 502 503 510	8 29 150	5/1.5	HP 25 @ 1215	V DENSE	BRN	F/M SAND-TR COARSE SAND	SW	WET-TR MICA DRIVE HP 25 @ 1115 HRS TOOK BP-VPB-39 502503 @ 1215 (1 VIAL)	0	0	0	0
S-27 @ 1240	520 522 523 530	11 23 107	6/1.5	HP 26 @ 1345	V DENSE	BRN	F/M SAND	SM SP	WET-MICA DRIVE HP 26 @ 1245 HRS TOOK BP-VPB-39 -522523 @ 1245 (1 VIAL)	0	0	0	0
S-28 @ 1425	540 542 543 550	23 120 136	5/1.5	HP 27 @ 1545	STIFF TO V DENSE	GRAY TO BRN	CLAYEY SAND (LAMINATED) SILTY F/M SAND LAST 4" ±	SC SM	WET/MICA DRIVE HP 27 @ 1445 HRS TOOK BP-VPB-39 542543 @ 1545	0	0	0	0

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No  Well I.D. #: \_\_\_\_\_

VPB39-A11





# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 10-2-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)									
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**						
	550																		
	562	16																	
S-29 e 0815	562	39 100	1/1.5																
	563			HP28 e 0920	V DENSE	BRN	SILTY F/SAND TR CLAY TOP 4"	SM	WET/MICA DRIVE HP28 e 0820 HRS TOOK BP-VPB-39- 562563 e 0920	0	0	0	0						
	570																		
	582	9 16																	
S-30 e 0815	582	18 21	1.5/2																
	583			HP29 e 1100	DENSE	GRAY BRN	SILTY VF SAND - TR CLAY	SM /CL	WET/MICA DRIVE HP29 e 1000 HRS TOOK BP-VPB-39 582583 e 1100 1 VIAL ONLY	0	0	0	0						
	590																		
	600																		

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB39-A12



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 10/3/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (F.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
10/3 S-31 @ 1600	600	6/9	•4/2	HP30 @	M DENSE	TAN GRAY	CLAYEY SAND - TR GRAVEL MORE SAND AT BOTM OF SHOE (POOR REC) SOME 1/2" GRAVEL NOTED IN CUTTINGS WHILE DRILLING	SC	WET/ TR MICA DRIVE HP 30 @1210 TOOK BP-VPB-39 602603 @1310 (1 VIAL)	0	0	0	0
602	11/15												
603													
610													
S-32 @ 1330	620	11/20	•3/2	HP31	M DENSE	GRAY	CLAYEY SAND	SC	WET POOR REC. DRIVE HP 31 @1340 TOOK BP-VPB-39 622623 @1440 (2 VIALS)	0	0	0	0
622	19/18												
623													
630													
S-33 @ 1530	640	7/100	•3/1.5	HP32 @ 1640	V DENSE	TAN	SAND - SOME GRAVEL TR CLAY	SW GW	WET POOR REC. DRIVE HP @1540 TOOK BP-VPB-39 642643 @1640	0	0	0	0
642													
650													

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB39-A13



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-39  
 DATE: 10/3/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
	650				V DENSE		SAND- SOME GRAVEL TR. CLAY							0
				655 ±			MORE START OF CLAY & SAND		BECOMES SOFT SMOOTHER DRILLING ~ 655 PER LTD					
S-34 e 1700	660 662	13 30 34 37	1/2		DENSE / M STIFF	GRAY	SANDY CLAY/CLAYEY SAND	SC	WET → MOIST	0	0	0	0	
				665		RED BRN	CLAY - DIFFICULT TO DRILL DUE TO H2O PRESS BLDG UP.		DID NOT ATTEMPT HP HERE IN THE CLAY - WOULD PROB NOT MAKE WATER FOR HP SAMPLE					0
	670													
S-35 o 1735	675 677	28 40 55	7/1.5		HARD	GRAY BRN	SILTY CLAY	CL	MOIST → DAMP	0	0	0	0	
									(CRISTAN) ? VERY DIFFICULT TO DRILL. MOTTLED W/ TR OF YELLOW LAST 4"					
							BOTM @ 675 ± W/ MUD ROTARY		DAMP - HARD TO GET OUT OF SHOE - UPPER PORTION - WATER W/ CLAY (GRAY)					
							DRILLED 10' INTO RED MATL.							

\* When rock coring, enter rock brokenness.

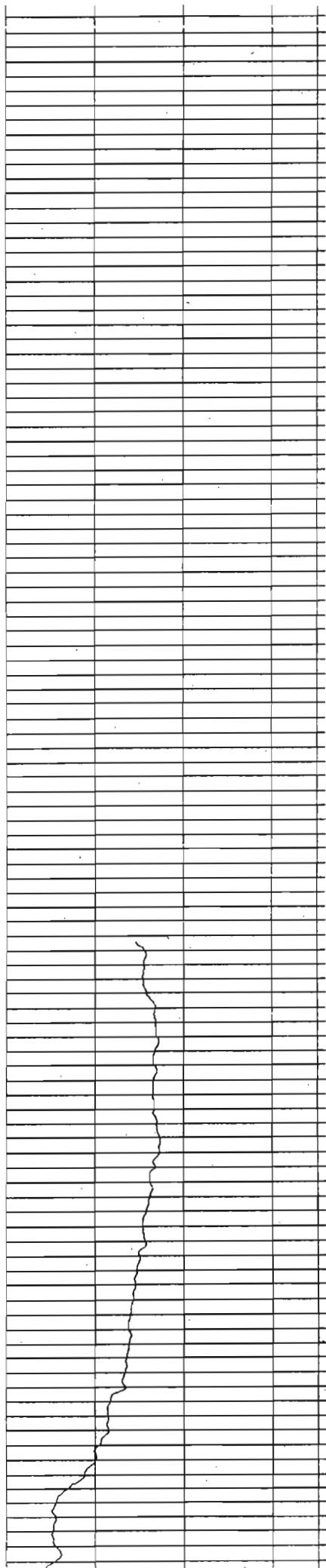
\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_





50

60

70

80

90

100

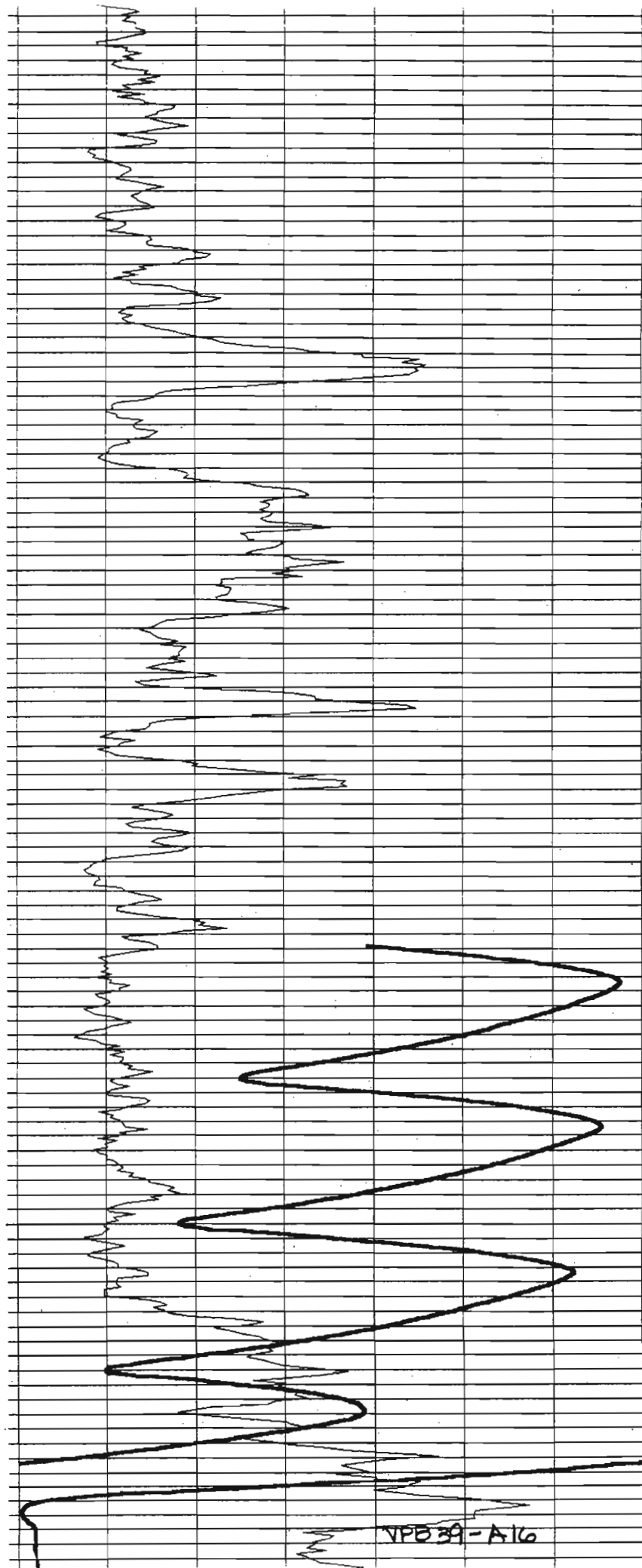
110

120

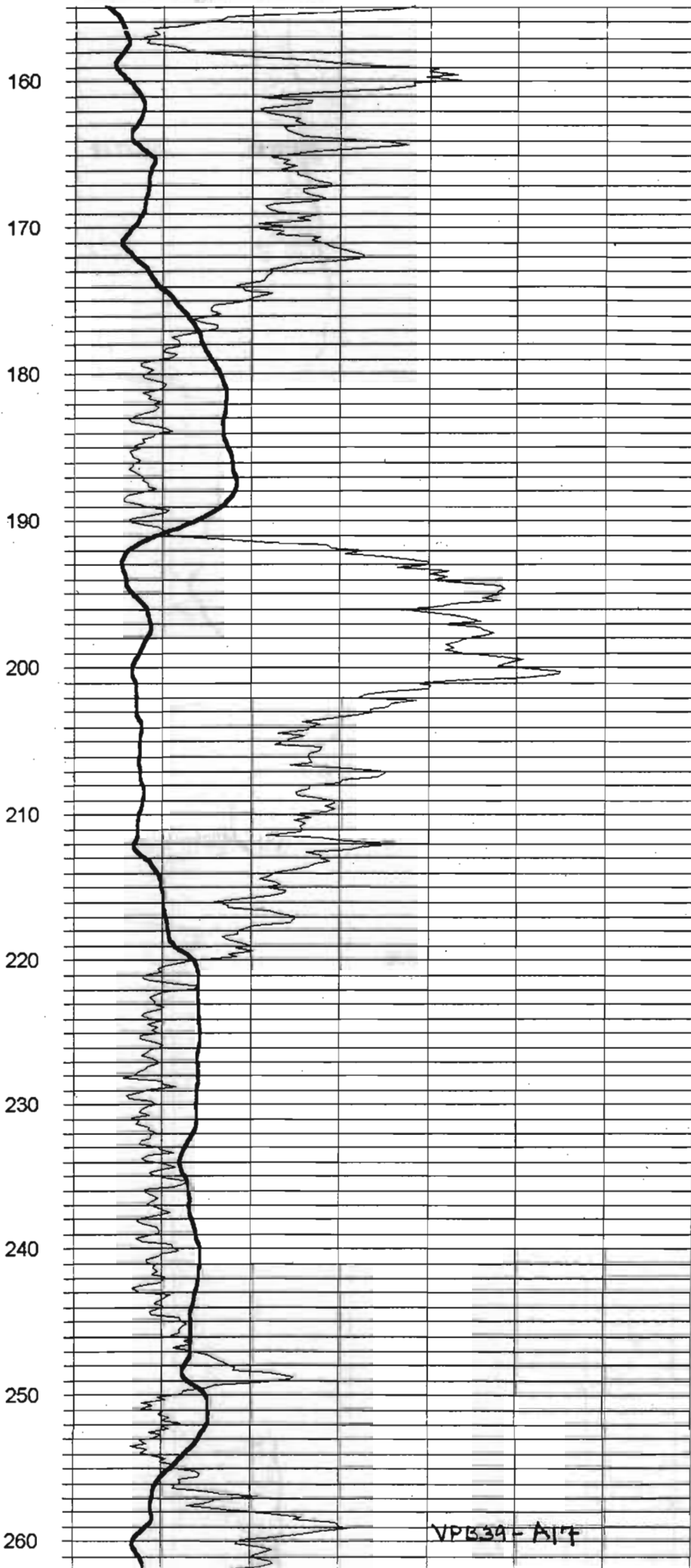
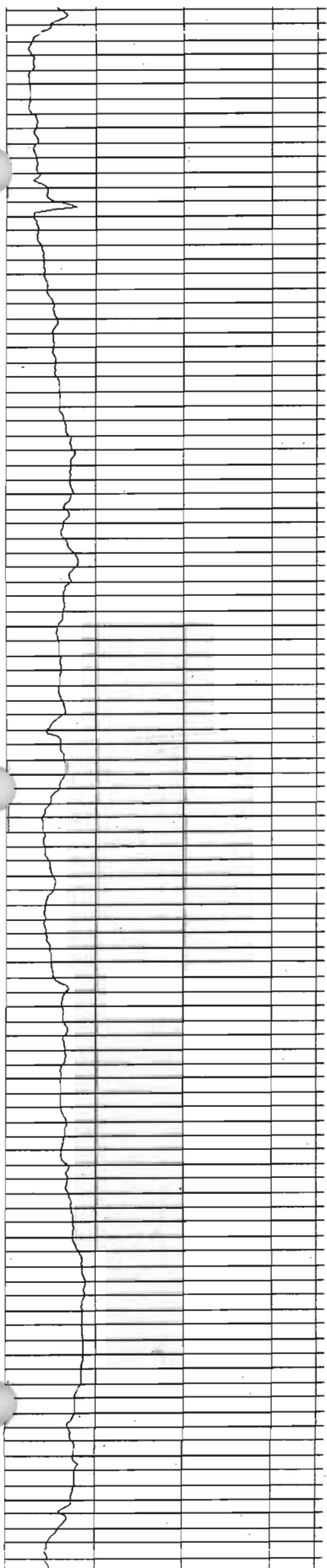
130

140

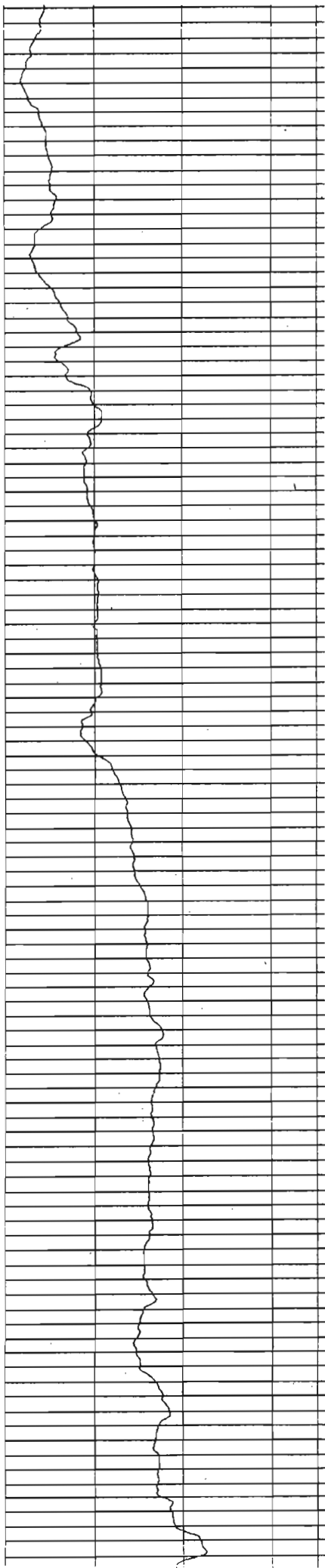
150



VPB 39-A16



VPB39-A17



270

280

290

300

310

320

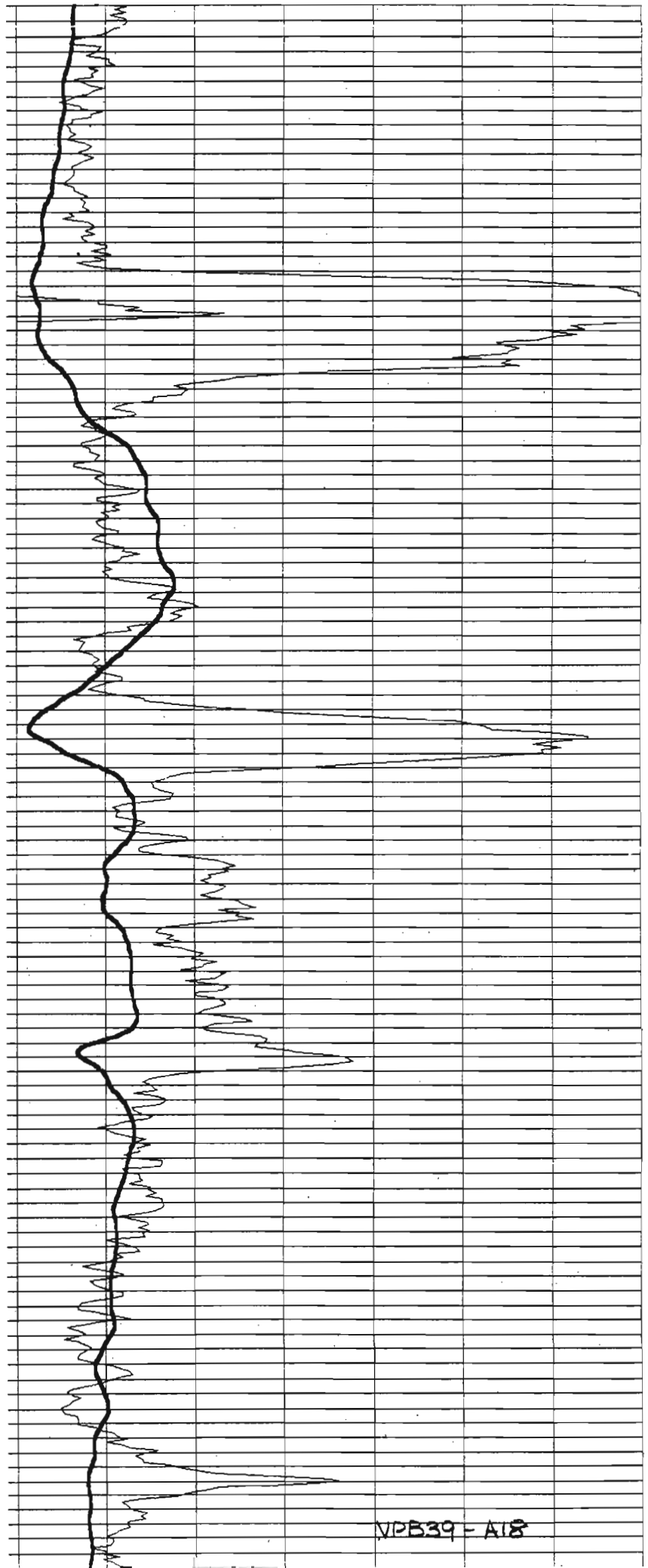
330

340

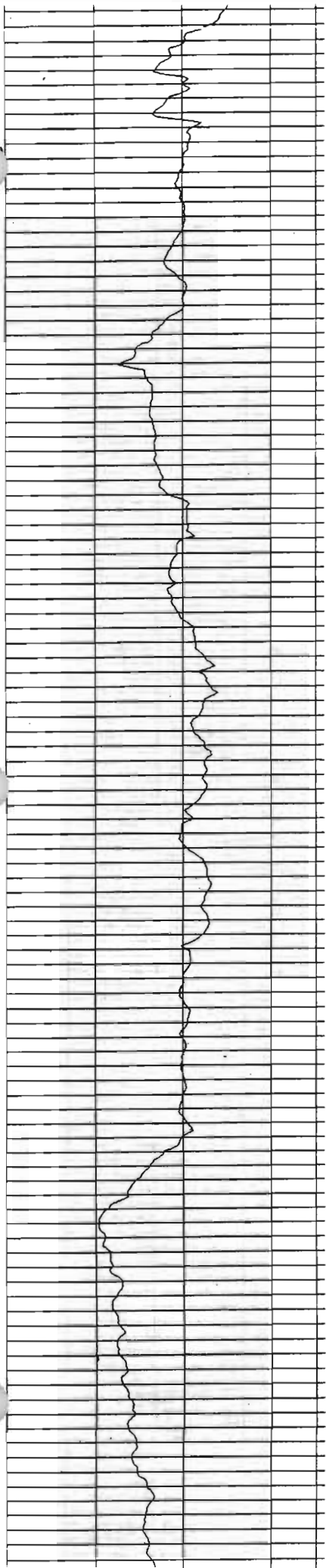
350

360

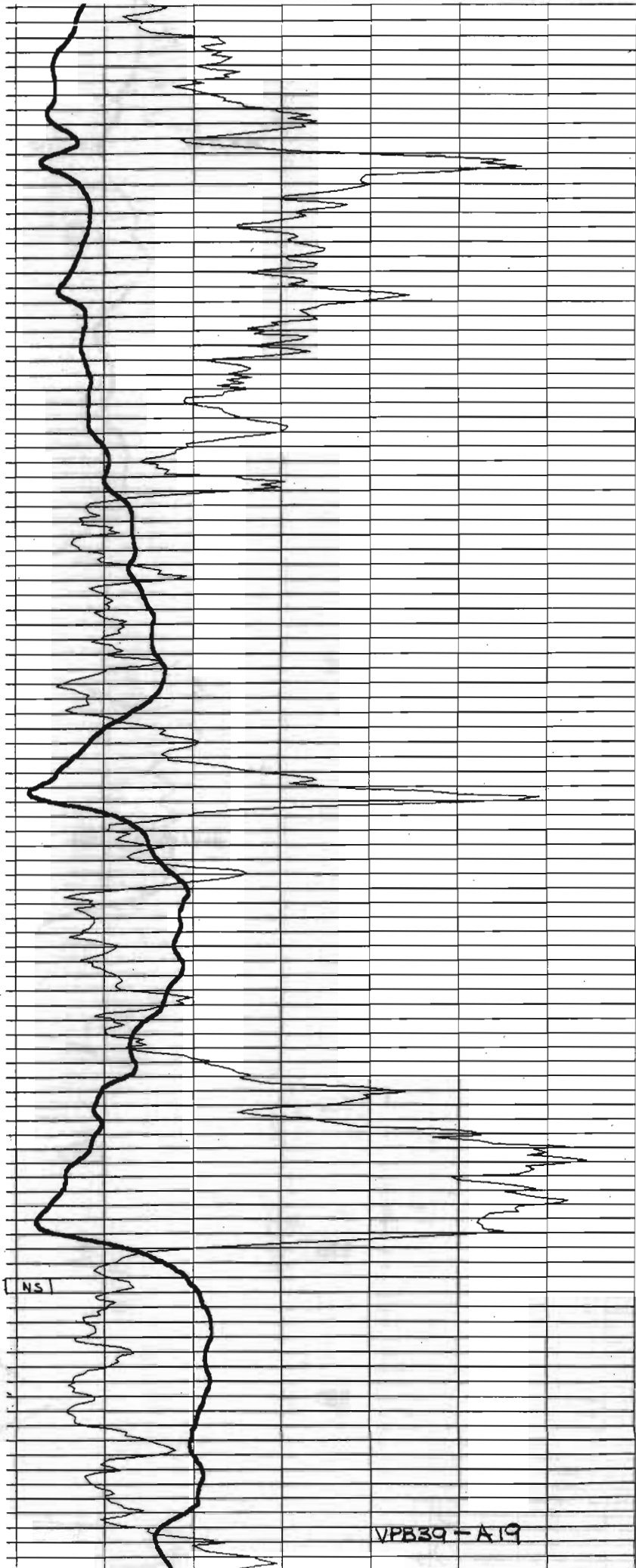
370



VPB39-A18



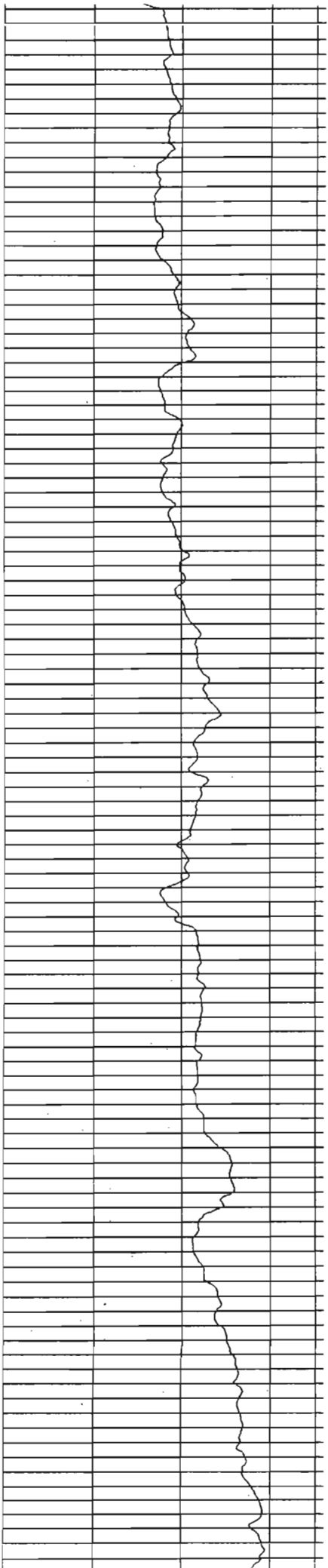
380  
390  
400  
410  
420  
430  
440  
450  
460  
470  
480



NS

VPB39-A19





490

500

510

520

530

540

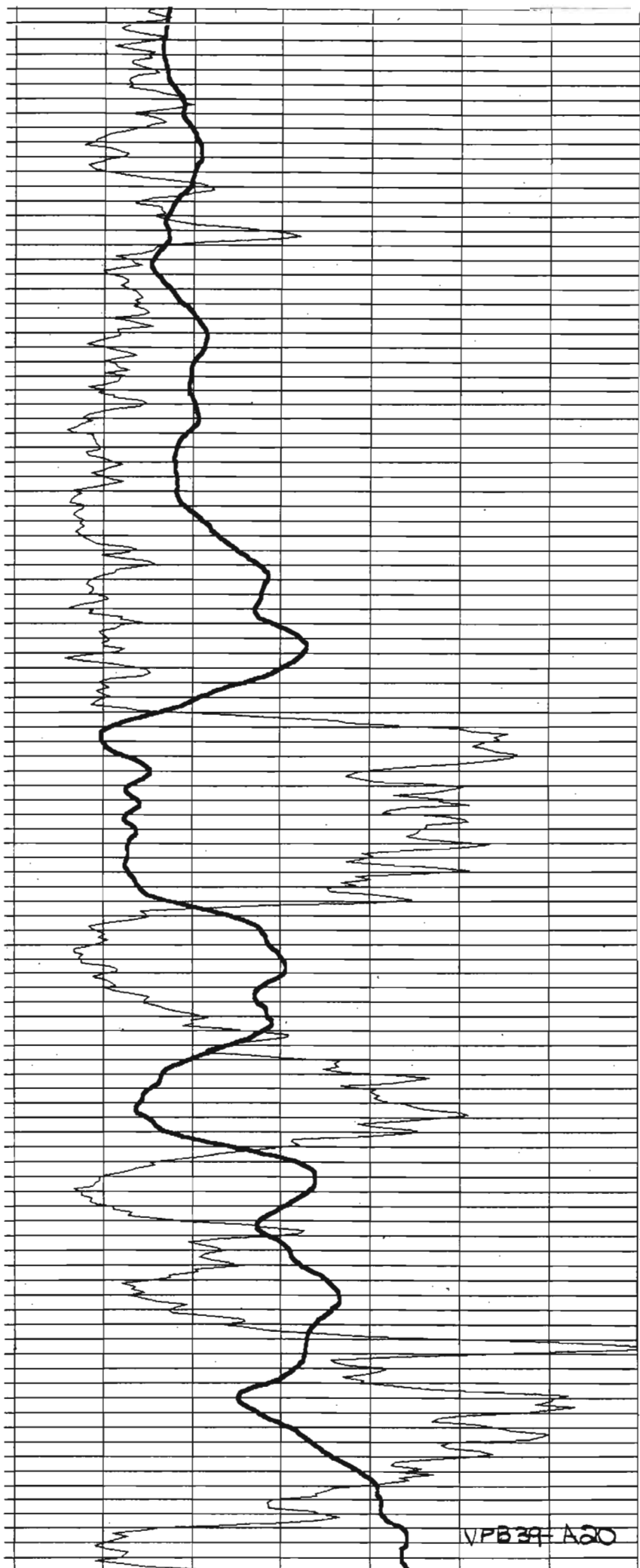
550

560

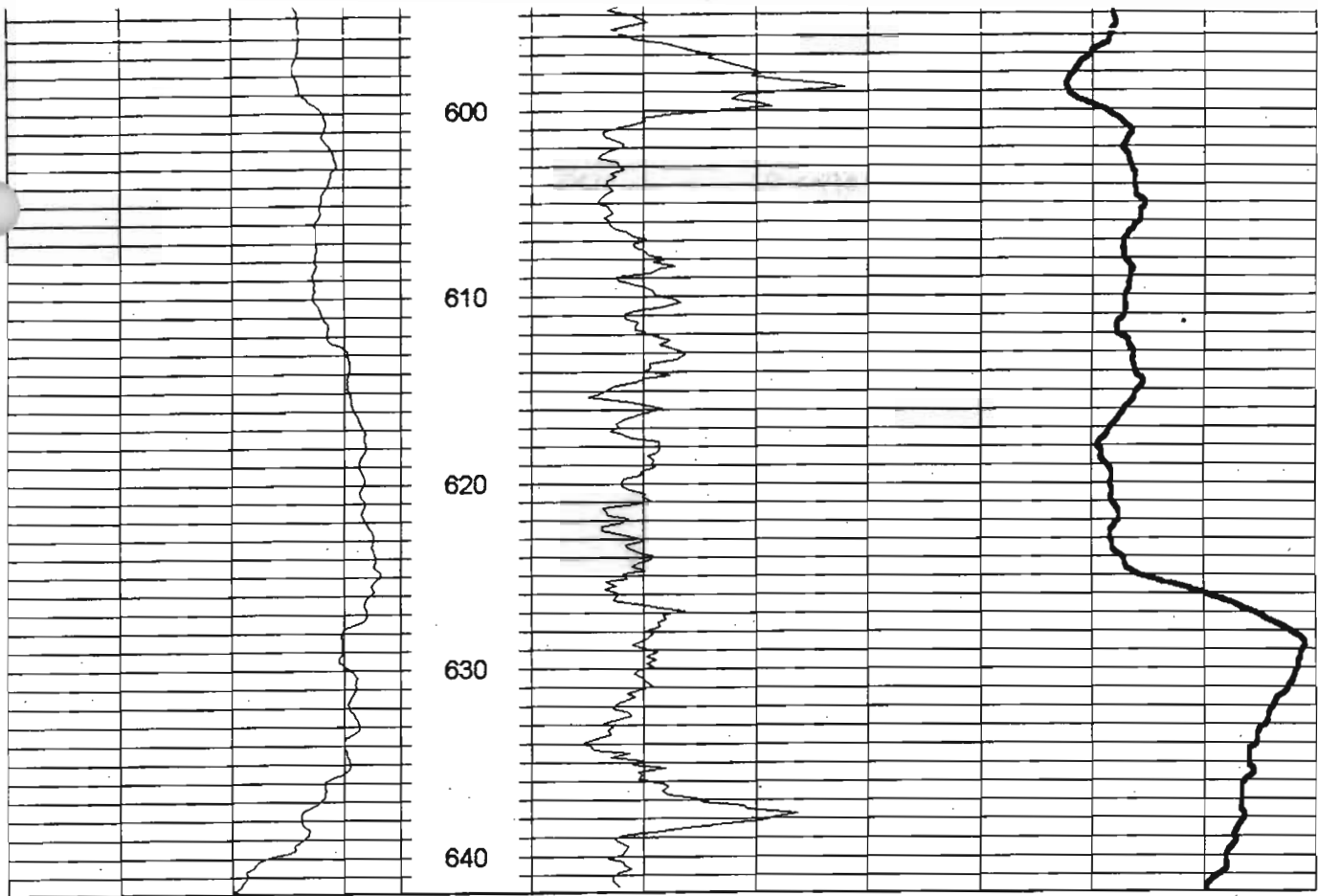
570

580

590



VPB39 A20



VPB39-A21





Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-022023  
Sample Location: VPB-39

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

Sampled By: SJC  
C.O.C. No.: BP-VPB-092302  
Type of Sample:  
 Low Concentration  
 High Concentration

SAMPLING DATA:

Date: <u>9 / 23 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1150</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>								

PURGE DATA:

Date: _____	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	NO

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1100 hrs TDS =    g/l  
Sample depth (screened interval) = from 22 to 23 ft  
Screen exposed to formation for 50 minutes  
Depth of borehole prior to advancing hydropunch = 22 ft  
*- NO SAMPLE - DRY  
- PROB ABOVE WATER TABLE.*

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	<u>SJC</u>



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-042043

Sample Location: VPB-39

Sampled By: SJC

C.O.C. No.: BP-VPB-092302

- Domestic Well Data
- Monitoring Well Data
- Other Well Type:
- QA Sample Type:

Vertical Profile Boring

Type of Sample:

- Low Concentration
- High Concentration

**SAMPLING DATA:**

Date: <u>9/23/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1350</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	<u>NO</u>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1250 hrs TDS =          g/l

Sample depth (screened interval) = from 42 to 43 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 42 ft

- NO SAMPLE - DRY  
- STILL PROB ABOVE STATIC WATER TABLE.

Circle if Applicable:		Signature(s):  <u>SJC</u>
MS/MSD	Duplicate ID No.:	



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-062063  
Sample Location: VPB-39  
Sampled By: SJC  
C.O.C. No.: BP-VPB-092302  
Type of Sample:  
 Low Concentration  
 High Concentration

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

**SAMPLING DATA:**

Date: <u>9/23/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1545</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2x40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1445 hrs TDS = — g/l

Sample depth (screened interval) = from 62 to 63 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 62 ft

- GW/MUD MIX  
- ONLY ENOUGH FOR 1 VIAL

Circle if Applicable:

MS/MSD	Duplicate ID No.:
--------	-------------------

Signature(s):  
SJC



Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-39-082003  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092302  
 Type of Sample:  
 Low Concentration  
 High Concentration

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type:

**SAMPLING DATA:**

Date: <u>9/24/02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity
Time: <u>0935</u>	<u>BRN</u>							
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>1</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0835 hrs TDS =          g/l  
 Sample depth (screened interval) = from 82 to 83 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 82 ft

- MOSTLY GW  
 - ONLY ENOUGH FOR 1 VIAL

Circle if Applicable: MS/MSD  Duplicate ID No.:          Signature(s): SJC



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-102103

Sample Location: VPB-39

Sampled By: SJC

C.O.C. No.: BP-VPB-C92302

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

Type of Sample:

Low Concentration

High Concentration

### SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
<u>9/24/02</u>	<u>ORANGE 3.2 down</u>	<u>7.39</u>	<u>0.447</u>	<u>20.91</u>	<u>—</u>	<u>7.50</u>	<u>153</u>	<u>0</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>24</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1005 hrs TDS = 0.29 g/l

Sample depth (screened interval) = from 102 to 103 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 102 ft

- MOSTLY GW  
- GOOD VOLUME.  
- TOOK DUPI

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.: <u>BP-VPB-39-DUPI</u>	<u>SJC</u>





# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type:

Sample ID No.: BP-VPB-39-122123  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092302  
 Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>9/24/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1225</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>BROWN</u>	<u>7.59</u>	<u>184</u>	<u>22.16</u>	<u>—</u>	<u>6.62</u>	<u>40</u>	<u>0</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	✓

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1125 hrs TDS = 12 g/l

Sample depth (screened interval) = from 122 to 123 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 122 ft

— MOSTLY GW-TR MUD  
 — GOOD VOLUME

[CHECKED pH W 4 STANDARD WAS 4.04]

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC

MS/MSD Duplicate ID No.: \_\_\_\_\_



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-142143  
Sample Location: VPB-39  
Sampled By: SJC  
C.O.C. No.: BP-VPB-092302

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date:	<u>9/24/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1355</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method:	<u>Hydropunch</u>	<u>BRN</u>	<u>7.08</u>	<u>-456</u>	<u>23.29</u>	<u>—</u>	<u>7.62</u>	<u>123</u>	<u>0</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	240 mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1255 hrs TDS = .3 g/l

Sample depth (screened interval) = from 142 to 143 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 142 ft

- MOSTLY GW - TR MUD  
- GOOD VOLUME.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
--------	-------------------

Signature(s):

*SJC*



### GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-39-162163  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092302

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

- Type of Sample:
- Low Concentration
- High Concentration

#### SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
9/25/02	BRN	6.98	-330	18.45	—	8.01	51	0

#### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

#### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	<input checked="" type="checkbox"/>

#### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0725 hrs      TDS = 0.21 g/l  
 Sample depth (screened interval) = from 162 to 163 ft  
 Screen exposed to formation for 60 minutes      - MOSTLY GW - TR MUD  
 Depth of borehole prior to advancing hydropunch = 162 ft      - GOOD VOLUME

Circle if Applicable:		Signature(s): <i>SJC</i>
MS/MSD	Duplicate ID No.:	



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-182183

Sample Location: VPB-39

Sampled By: SJC

C.O.C. No.: BP-VPB-092302

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

- Type of Sample:
- Low Concentration
  - High Concentration

**SAMPLING DATA:**

Date: <u>9/25/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>0950</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: <u>Hydropunch</u>	<u>BROWN</u>	<u>7.14</u>	<u>398</u>	<u>21.43</u>	<u>—</u>	<u>9.63</u>	<u>50</u>	<u>0</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(ga/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (ga/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>24</u> 2-40 mL Glass Vials <u>SJC</u>	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0850 hrs TDS = .26 g/l

Sample depth (screened interval) = from 182 to 183 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 182 ft

- GW/MUD MIX  
- GOOD VOLUME  
- DUP

Circle if Applicable:

MS/MSD Duplicate ID No.: BP-VPB-39-DUP 2

Signature(s):

*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-39-202203

Sample Location: VPB-39

Sampled By: STC

C.O.C. No.: BP-VPB-092302

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

- Type of Sample:
- Low Concentration
  - High Concentration

### SAMPLING DATA:

Date: <u>9/25/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1110</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>GRAY</u>	<u>6.25</u>	<u>146</u>	<u>20.94</u>	<u>—</u>	<u>6.26</u>	<u>57</u>	<u>0</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1010 hrs TDS = .09 g/l

Sample depth (screened interval) = from 202 to 203 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 202 ft

- MOSTLY GW - TR MUD
- GOOD VOLUME.
- SAME COLOR (GRAY) AS THE SOIL SAMPLE.

### Circle if Applicable:

MS/MSD Duplicate ID No.:

### Signature(s):

*SJ Conti*



Project Site Name: NWIRP Bethpage  
Project No.: N4037  
Sample ID No.: BP-VPB-39-222223  
Sample Location: VPB-39  
Sampled By: SJC  
C.O.C. No.: BP-VPB-092502  
Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_  
 Low Concentration  
 High Concentration

SAMPLING DATA:

Date:	<u>9/25/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1:20</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method:	<u>Hydropunch</u>	<u>BRN</u>	<u>6.63</u>	<u>.457</u>	<u>20.94</u>	<u>—</u>	<u>6.45</u>	<u>3</u>	<u>0</u>

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<input checked="" type="checkbox"/>

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1130 hrs TDS = .3 g/l  
Sample depth (screened interval) = from 222 to 223 ft  
Screen exposed to formation for 50 minutes  
Depth of borehole prior to advancing hydropunch = 222 ft  
- MUD/GW MIX  
- GOOD VOLUME.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s):

*SJC*



## GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-39-242243  
 Project No.: N4037 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092502  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  Low Concentration  
 QA Sample Type:  High Concentration

## SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
<u>9/25/02</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Time: <u>1350</u>								
Method: <u>Hydropunch</u>								

## PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume (gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

## SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	<u>NO</u>

## OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1250 hrs TDS = \_\_\_\_\_ g/l

Sample depth (screened interval) = from 242 to 243 ft

Screen exposed to formation for <sup>60</sup>~~1350~~ minutes

Depth of borehole prior to advancing hydropunch = 242 ft

--- HP-12 WAS DRY  
 --- SCREEN EXP 10"  
 --- COATED W/ SOME CLAY

Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s):



Project Site Name:	<u>NWIRP Bethpage</u>	Sample ID No.:	<u>BP-VPB-39-262263</u>
Project No.:	<u>N4037</u>	Sample Location:	<u>VPB-39</u>
<input type="checkbox"/> Domestic Well Data		Sampled By:	<u>SJC</u>
<input type="checkbox"/> Monitoring Well Data		C.O.C. No.:	<u>BP-VPB-092502</u>
<input checked="" type="checkbox"/> Other Well Type:	<u>Vertical Profile Boring</u>	Type of Sample:	
<input type="checkbox"/> QA Sample Type:		<input checked="" type="checkbox"/> Low Concentration	
		<input type="checkbox"/> High Concentration	

## SAMPLING DATA:

Date:	<u>9/25/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1520</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method:	<u>Hydropunch</u>	<u>Yell BRN</u>	<u>6.07</u>	<u>174</u>	<u>21.66</u>	<u>—</u>	<u>7.59</u>	<u>63</u>	<u>0</u>

## PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

## SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

## OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1420 hrs TDS = 0.11 g/l

Sample depth (screened interval) = from 262 to 263 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 262 ft

- MOSTLY GW  
- GOOD VOLUME

Circle if Applicable:	Signature(s):
MS/MSD Duplicate ID No.:	<u>SJC Conte</u>





# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type:

Sample ID No.: BP-VPB-39-28283  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092502  
 Type of Sample:  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date:	<u>9 / 25 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1640</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method:	<u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	NO

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1540 hrs TDS =          g/l

Sample depth (screened interval) = from 282 to 283 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 282 ft

- HP WAS DRY  
 - TR CLAY ON SCREEN  
 - SCR EX 8"

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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**Signature(s):**

*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-302303

Sample Location: VPB-39

Sampled By: SJC

C.O.C. No.: BP-VPB-092502

- Domestic Well Data
- Monitoring Well Data
- Other Well Type:
- QA Sample Type:

Vertical Profile Boring

Type of Sample:

- Low Concentration
- High Concentration

### SAMPLING DATA:

Date: <u>9/26/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>0905</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>								

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0905 hrs TDS =      g/l

Sample depth (screened interval) = from 302 to 303 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 302 ft

- ONLY ENOUGH FOR  
2 VIALS  
- GW/MUD MIX

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037  
 Sample ID No.: BP-VPB-39-332323  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092502  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
<u>9/26/02</u>	<u>BRN</u>	<u>7.59</u>	<u>0.395</u>	<u>18.30</u>	<u>-</u>	<u>4.82</u>	<u>86</u>	<u>0</u>
<u>1030</u>								
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(ga/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (ga/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0930 hrs TDS = 0.26 g/l

Sample depth (screened interval) = from 322 to 323 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 322 ft

- GW/MUD MIX - MOSTLY GW  
 - GOOD VOLUME

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC

MS/MSD	Duplicate ID No.:
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Tetra Tech NUS, Inc.

# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-342843  
Sample Location: VPB-39  
Sampled By: SJC  
C.O.C. No.: BP-VPB-092502  
Type of Sample:  
 Low Concentration  
 High Concentration

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

### SAMPLING DATA:

Date: <u>9/26/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1150</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>GRAY</u>	<u>6.93</u>	<u>0.199</u>	<u>19.23</u>	<u>—</u>	<u>5.73</u>	<u>12</u>	<u>0</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1050 hrs TDS = 0.13 g/l

Sample depth (screened interval) = from 342 to 343 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 342 ft

- MOSTLY GW  
- GOOD VOLUME

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC

MS/MSD	Duplicate ID No.:	
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# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

Sample ID No.: BP-VPB-39-362363  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092502  
 Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
<u>9/26/02</u>	<u>YEL BRN</u>	<u>6.39</u>	<u>0.220</u>	<u>18.84</u>	<u>—</u>	<u>7.98</u>	<u>64</u>	<u>0</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(ga/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (ga/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1235 hrs TDS = .14 g/l

Sample depth (screened interval) = from 362 to 363 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 362 ft

- GW/MUD MIX  
- GOOD VOLUME

### Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s): SJC



Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-39-382383  
 Project No.: N4037 Sample Location: VPB-39  
 Domestic Well Data Sampled By: SJC  
 Monitoring Well Data C.O.C. No.: BP-VPB-092602  
 Other Well Type: Vertical Profile Boring Type of Sample:  
 QA Sample Type: [X] Low Concentration  
 High Concentration

SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
<u>9/26/02</u>	<u>Visual</u>	<u>Standard</u>	<u>mS/cm</u>	<u>°C</u>	<u>NTU</u>	<u>mg/l</u>	<u>mV</u>	
Time: <u>0925</u>	<u>6-17</u>	<u>6.17</u>	<u>0.236</u>	<u>18.27</u>	<u>—</u>	<u>4.74</u>	<u>70</u>	<u>0</u>
Method: <u>Hydropunch</u>								

PURGE DATA: YELLOW BRN

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
<u>Volatile Organic Compounds</u>	<u>4°C</u>	<u>2 X 20 mL Glass Vials</u>	<input checked="" type="checkbox"/>

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0825 hrs TDS = .15 g/l  
 Sample depth (screened interval) = from 382 to 383 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 382 ft  
 — MOSTLY GW/TR MUD  
 — GOOD VOLUME  
 — DUP 3

Circle if Applicable: MS/MSD Duplicate ID No.: BP-VPB-39-DUP3 Signature(s): SJC/Conti



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

Sample ID No.: BP-VPB-39-402403  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092502  
 Type of Sample:  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date:	<u>9 / 27 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1100</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method:	<u>Hydropunch</u>	<u>GRAY BRN</u>	<u>6.89</u>	<u>530</u>	<u>18.87</u>	<u>—</u>	<u>4.49</u>	<u>-10</u>	<u>0</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1000 hrs TDS = .34 g/l  
 Sample depth (screened interval) = from 402 to 403 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 402 ft

- MOSTLY GW/TR. MUD  
 - GOOD VOLUME

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

Sample ID No.: BP-VPB-39-421429  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-093002  
 Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>9 / 30 / 02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity
Time: <u>1230</u>	<u>BRN</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-4</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1130 hrs TDS = \_\_\_\_\_ g/l

Sample depth (screened interval) = from 421 to 422 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 421 ft

*- MUD/GW MIX  
 - ONLY ENOUGH FOR 2 VIALS*

Circle if Applicable: \_\_\_\_\_ Signature(s): *SJC*

MS/MSD Duplicate ID No.: \_\_\_\_\_





# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

Sample ID No.: BP-VPB-39-442443  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-093002  
 Type of Sample:  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
<u>9 / 30 / 02</u>	<u>BROWN GRAY</u>	<u>6.49</u>	<u>.543</u>	<u>20.90</u>	<u>—</u>	<u>7.58</u>	<u>86</u>	<u>0</u>
Method:	<u>Hydropunch</u>							

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1310 hrs TDS = .35 g/l  
 Sample depth (screened interval) = from 442 to 443 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 442 ft

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC

MS/MSD	Duplicate ID No.:
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Project Site Name: <u>NWIRP Bethpage</u>		Sample ID No.: <u>BP-VPB-39-463464</u>
Project No.: <u>N4037</u>		Sample Location: <u>VPB-39</u>
<input type="checkbox"/> Domestic Well Data		Sampled By: <u>SJC</u>
<input type="checkbox"/> Monitoring Well Data	<u>GM-39D2</u>	C.O.C. No.: <u>BP-VPB-101802</u>
<input checked="" type="checkbox"/> Other Well Type: <u>Vertical Profile Boring</u>		Type of Sample:
<input type="checkbox"/> QA Sample Type: _____		<input checked="" type="checkbox"/> Low Concentration
		<input type="checkbox"/> High Concentration

SAMPLING DATA:								
Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
<u>10/18/02</u>	<u>BWN</u>	<u>6.84</u>	<u>1.49</u>	<u>17.05</u>	<u>-</u>	<u>10.48</u>	<u>199</u>	<u>1</u>

PURGE DATA:								
Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<input checked="" type="checkbox"/>
		NOTE: THIS SAMPLE WAS TAKEN FROM GM-39D2 AT A SPECIFIC DEPTH TO FILL IN DATA GAP FROM VPB-39	

OBSERVATIONS / NOTES:	
Hydropunch advanced to sample depth and screen exposed at: <u>1030</u> hrs	TDS = <u>1.0</u> g/l
Sample depth (screened interval) = from <u>463</u> to <u>464</u> ft	
Screen exposed to formation for <u>60</u> minutes	- GW/MUD MIX - 2 VIALS + PARAMS - JUST ENOUGH VOL TO FILL CALIB CUP.
Depth of borehole prior to advancing hydropunch = <u>463</u> ft	
Circle if Applicable:	Signature(s):
MS/MSD Duplicate ID No.:	<u>SJ Conti</u>



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: GM-39 D2  
 QA Sample Type: Vertical Profile Boring

Sample ID No.: BP-VPB-39-477476  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-101902  
 Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>10 / 18 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>								

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(ga/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (ga/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2</u> 40 mL Glass Vials	<u>NO</u>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1155 hrs TDS =          g/l

Sample depth (screened interval) = from 477 to 478 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 477 ft

- HP-WAS DRY  
 - SCREEN EXP 8"  
 - WAS COATED W/ SILT SAND AND SOME CLAY.

Circle if Applicable:  MS/MSD Duplicate ID No.:          Signature(s): SJ Conti



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-39-482483  
 Project No.: N4037 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-093002  
 Type of Sample:  Low Concentration  
 High Concentration

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

**SAMPLING DATA:** 10/1/02

Date: <u>10/1/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>0915</u>	Visual	Standard	ms/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	NO

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0815 hrs TDS = \_\_\_\_\_ g/l  
 Sample depth (screened interval) = from 482 to 483 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 482 ft

— HP WAS DRY  
 — SCREEN EXP 10"  
 — COATED w/ SAND TR CLAY

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC

MS/MSD Duplicate ID No.: \_\_\_\_\_



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-39-492493  
 Project No.: N4037 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-093002  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date: <u>10 / 1 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1050</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	<u>BRN</u>				<u>—</u>			

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2</u> 20 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0950 hrs TDS = \_\_\_\_\_ g/l  
 Sample depth (screened interval) = from 492 to 493 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 492 ft

- 2 VIALS ONLY  
 - GW/MUD MIX.  
 - ONLY ENOUGH VOL. FOR 2 VIALS

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC Conti

MS/MSD	Duplicate ID No.:
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# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-502503  
Sample Location: VPB-39  
Sampled By: STC  
C.O.C. No.: BP-VPB-093002  
Type of Sample:  
 Low Concentration  
 High Concentration

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

**SAMPLING DATA:**

Date: <u>10 / 1 / 02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity
Time: <u>1215</u>								
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	1 40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 115 hrs TDS = \_\_\_\_\_ g/l

Sample depth (screened interval) = from 502 to 503 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 502 ft

- ONLY ENOUGH FOR 1 VIAL  
- GW/MUD MIX.

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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Signature(s):  
SJ Contri



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-39-522523  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-093002  
 Type of Sample:  
 Low Concentration  
 High Concentration

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

**SAMPLING DATA:**

Date: <u>10/1/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1345</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	<u>B2N</u>							

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>1</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1245 hrs TDS = \_\_\_\_\_ g/l

Sample depth (screened interval) = from 522 to 523 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 522 ft

- ONLY ENOUGH FOR 1 VIAL  
- GW/MUD MIX.

**Circle if Applicable:**

<input type="checkbox"/> MS/MSD	Duplicate ID No.:
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Signature(s): SJC Conte



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-542543

Sample Location: VPB-39

Sampled By: SJC

C.O.C. No.: BP-VPB-093002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

- Type of Sample:
- Low Concentration
  - High Concentration

**SAMPLING DATA:**

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
10 / 1 / 02	<u>Brown Gray</u>	<u>6.82</u>	<u>0.216</u>	<u>20.50</u>	<u>—</u>	<u>2.02</u>	<u>23</u>	<u>0</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-10 mL Glass Vials</u>	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1445 hrs TDS = .14 g/l

Sample depth (screened interval) = from 542 to 543 ft

Screen exposed to formation for \_\_\_\_\_ minutes

Depth of borehole prior to advancing hydropunch = 542 ft

- Mostly GW - TR. MUD  
- GOOD VOLUME.

Circle if Applicable:

Signature(s):

MS/MSD	Duplicate ID No.:
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*SJC Conti*





# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037  
 Sample ID No.: BP-VPB-39-562563  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-093002  
 Type of Sample:  
 Low Concentration  
 High Concentration

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

**SAMPLING DATA:**

Date: <u>10/2/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>0920</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>7.05</u>	<u>0.170</u>	<u>19.59</u>	<u>—</u>	<u>5.51</u>	<u>45</u>	<u>0</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>240</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0820 hrs TDS = 0.11 g/l  
 Sample depth (screened interval) = from 562 to 563 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 562 ft

- MOSTLY GW, TR MUD  
 - GOOD VOLUME

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC Contri

MS/MSD	Duplicate ID No.:
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# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-39-582583  
 Project No.: N4037 Sample Location: VPB-39  
 Sampled By: STC  
 C.O.C. No.: BP-VPB-093002  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  Low Concentration  
 QA Sample Type:  High Concentration

**SAMPLING DATA:**

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
<u>10/2/02</u>	<u>BRN GRAY</u>							
<u>1100</u>								
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>1</u> 2-40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1000 hrs TDS =          g/l

Sample depth (screened interval) = from 582 to 583 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 582 ft

- ONLY 1 VIAL  
- GW/MUD MIX.

Circle if Applicable: MS/MSD Duplicate ID No.: Signature(s): J. Conti



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-602603  
Sample Location: VPB-39

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

Sampled By: SJC  
C.O.C. No.: BP-VPB-100202  
Type of Sample:  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date: <u>10/3/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1310</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	<u>BEN</u>							

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>1</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1210 hrs TDS = \_\_\_\_\_ g/l

Sample depth (screened interval) = from 602 to 603 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 602 ft

— ONLY ENOUGH FOR 1 VIAL  
— GW/MUD MIX.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s):

*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-39-622623  
 Project No.: N4037 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-100202  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
<u>10/3/02</u>	<u>Visual</u>	<u>Standard</u>	<u>mS/cm</u>	<u>°C</u>	<u>NTU</u>	<u>mg/l</u>	<u>mV</u>	
Time: <u>1440</u>	Method: <u>Hydropunch</u>	<u>BRN</u>						

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(ga/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (ga/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1340 hrs TDS =          g/l

Sample depth (screened interval) = from 622 to 623 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 622 ft

- MUD/GW MIX  
- 2 VIALS ONLY

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC

MS/MSD	Duplicate ID No.:
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Project Site Name:	<u>NWIRP Bethpage</u>	Sample ID No.:	<u>BP-VPB-39-642643</u>
Project No.:	<u>N4037</u>	Sample Location:	<u>VPB-39</u>
<input type="checkbox"/> Domestic Well Data		Sampled By:	<u>SJC</u>
<input type="checkbox"/> Monitoring Well Data		C.O.C. No.:	<u>BP-VPB-100202</u>
<input type="checkbox"/> Other Well Type:	<u>Vertical Profile Boring</u>	Type of Sample:	<input checked="" type="checkbox"/> Low Concentration
<input type="checkbox"/> QA Sample Type:			<input type="checkbox"/> High Concentration

**SAMPLING DATA:**

Date:	<u>10 / 3 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1640</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method:	<u>Hydropunch</u>	<u>B/CN</u>							

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(ga/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (ga/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1540 hrs TDS = \_\_\_\_\_ g/l

Sample depth (screened interval) = from 642 to 643 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 642 ft

- MUD/ GW MIX  
- ONLY ENOUGH FOR 2 VIALS

Circle if Applicable:		Signature(s):
<input type="checkbox"/> MS/MSD	Duplicate ID No.:	<u>SJC</u>



Project Site Name: NWIRP Bethpage Sample ID Number: BP-TB-092302  
 Project Number: N4037 Sampled By: SJC  
 Sample Location: VPB-39 C.O.C. Number: BP-VPB-092302  
 QA Sample Type:

Trip Blank  Rinsate Blank  
 Source Water Blank  Other Blank \_\_\_\_\_

SAMPLING DATA:	WATER SOURCE:
Date: <u>9-23-02</u> Time: <u>1050</u> Method: <u>LAB SUPPLIED</u>	<input checked="" type="checkbox"/> Laboratory Prepared <input type="checkbox"/> Tap <input type="checkbox"/> Purchased <input type="checkbox"/> Fire Hydrant <input type="checkbox"/> Other _____

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):	RINSATE INFORMATION (If Applicable):
Product Name: _____ Supplier: _____ Manufacturer: _____ Order Number: _____ Lot Number: _____ Expiration Date: _____	Media Type: _____ Equipment Used: _____ Equipment Type: _____ <input type="checkbox"/> Dedicated <input type="checkbox"/> Reusable

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	2-40 mL Glass Vials	YES / NO
Semivolatiles	Cool 4°C		YES / NO
Pesticide / PCB	Cool 4°C		YES / NO
Metals	Cool 4°C & HNO <sub>3</sub>		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

OBSERVATIONS / NOTES:

Signature(s):



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037  
 Sample ID No.: BP-VPB-39 - DUP1  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092302  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: DUPLICATE  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date: <u>9 / 24 / 02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity ‰
Time: <u>0000</u>	<u>ORANGE PEN</u>	<u>7.39</u>	<u>447</u>	<u>20.91</u>	<u>-</u>	<u>7.50</u>	<u>153</u>	<u>0</u>
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1005 hrs      TDS = 0.29 g/l

Sample depth (screened interval) = from 102 to 103 ft

Screen exposed to formation for 60 minutes      102

Depth of borehole prior to advancing hydropunch = 12.5 ft

- Mostly GW  
 - Good VOLUME  
 - DUP 1

Circle if Applicable: \_\_\_\_\_ Signature(s): [Signature]

MS/MSD Duplicate ID No.: DUP OF BP-VPB-39-102103



Project Site Name: NWIRP Bethpage Sample ID Number: BP-TB-092502  
 Project Number: N4037 Sampled By: SJC  
 Sample Location: VPB- 39 C.O.C. Number: BP-VPB- 092502  
 QA Sample Type:  
 Trip Blank  Rinsate Blank  
 Source Water Blank  Other Blank \_\_\_\_\_

**SAMPLING DATA:** **WATER SOURCE:**

Date: 9/25/02  Laboratory Prepared  Tap  
 Time: 0745  Purchased  Fire Hydrant  
 Method: LAB SUPPLIED  Other \_\_\_\_\_

**PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):** **RINSATE INFORMATION (If Applicable):**

Product Name: \_\_\_\_\_ Media Type: \_\_\_\_\_  
 Supplier: \_\_\_\_\_ Equipment Used: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_ Equipment Type: \_\_\_\_\_  
 Order Number: \_\_\_\_\_  Dedicated  
 Lot Number: \_\_\_\_\_  Reusable  
 Expiration Date: \_\_\_\_\_

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	<u>2-40</u> mL Glass Vials	YES (NO)
Semivolatiles	Cool 4°C		YES (NO)
Pesticide / PCB	Cool 4°C		YES (NO)
Metals	Cool 4°C & HNO <sub>3</sub>		YES (NO)
Cyanide	Cool 4°C & NaOH		YES (NO)

**OBSERVATIONS / NOTES:**

Signature(s): SJC





# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-DUP2  
Sample Location: VPB-39  
Sampled By: SJC  
C.O.C. No.: BP-VPB-092302

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: DUPLICATE

Type of Sample:  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date: <u>9 / 25 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>0000</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>7.14</u>	<u>.398</u>	<u>21.43</u>	<u>—</u>	<u>9.63</u>	<u>50</u>	<u>0</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gaVL):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gaVL):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>240</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0850 hrs TDS = .26 g/l  
Sample depth (screened interval) = from 182 to 183 ft  
Screen exposed to formation for 60 minutes  
Depth of borehole prior to advancing hydropunch = 182 ft  
-- GW/MUD MIX  
-- GOOD VOLUME

Circle if Applicable:

Signature(s):

MS/MSD

Duplicate ID No.:

DUP OF BP-VPB-39-182183

SJC



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-DM320

Sample Location: VPB-39

Sampled By: SSC

C.O.C. No.: BP-VPB-092502

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

- Type of Sample:
- Low Concentration
  - High Concentration

### SAMPLING DATA:

Date: <u>9/26/02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity ‰
Time: <u>0915</u>	<u>BRN</u>	<u>7.10</u>	<u>1.59</u>	<u>18.48</u>	<u>—</u>	<u>5.17</u>	<u>171</u>	<u>0.1</u>
Method: <u>Hydropunch</u>								

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: NA hrs      TDS = 1 g/l

Sample depth (screened interval) = from NA to    ft

Screen exposed to formation for    minutes

Depth of borehole prior to advancing hydropunch = NA ft

DRILL MUD AT ≈ 320'±

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

*S. Conti*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-39-DUP3  
 Sample Location: VPB-39  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-092602

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: DUPLICATE

- Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>9 / 26 / 02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity ‰
Time: <u>0000</u>	<u>YELLOW GRN</u>	<u>6.17</u>	<u>236</u>	<u>18.27</u>	<u>—</u>	<u>4.74</u>	<u>70</u>	<u>0</u>
Method: <u>Hydropunch</u>								

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-4</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0825 hrs TDS = 15 g/l  
 Sample depth (screened interval) = from 382 to 383 ft - MOSTLY GW/TR. MUD  
 Screen exposed to formation for 60 minutes - GOOD VOLUME  
 Depth of borehole prior to advancing hydropunch = 382 ft

Circle if Applicable:

MS/MSD

Duplicate ID No.:

DUP OF BP-VPB-39-382383

Signature(s):



Project Site Name: NWIRP Bethpage      Sample ID Number: BP-TB-093002  
 Project Number: N4037      Sampled By: SJC  
 Sample Location: VPB-39      C.O.C. Number: BP-VPB-093002  
 QA Sample Type:  
 Trip Blank       Rinsate Blank  
 Source Water Blank       Other Blank \_\_\_\_\_

SAMPLING DATA:	WATER SOURCE:
Date: <u>9/30/02</u> Time: <u>1100</u> Method: <u>LAB SUPPLIED</u>	<input checked="" type="checkbox"/> Laboratory Prepared <input type="checkbox"/> Tap <input type="checkbox"/> Purchased <input type="checkbox"/> Fire Hydrant <input type="checkbox"/> Other _____

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):	RINSATE INFORMATION (If Applicable):
Product Name: _____ Supplier: _____ Manufacturer: _____ Order Number: _____ Lot Number: _____ Expiration Date: _____	Media Type: _____ Equipment Used: _____ Equipment Type: <input type="checkbox"/> Dedicated <input type="checkbox"/> Reusable

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	2-40 mL Glass Vials	YES/NO
Semivolatiles	Cool 4°C		YES/NO
Pesticide / PCB	Cool 4°C		YES/NO
Metals	Cool 4°C & HNO <sub>3</sub>		YES/NO
Cyanide	Cool 4°C & NaOH		YES/NO

**OBSERVATIONS / NOTES:**

Signature(s):




Project Site Name: NWIRP Bethpage Sample ID Number: 100202  
 Project Number: N4037 Sampled By: SJC  
 Sample Location: VPB-39 C.O.C. Number: BP-VPB-100202  
 QA Sample Type:  
 Trip Blank  Rinsate Blank  
 Source Water Blank  Other Blank \_\_\_\_\_

SAMPLING DATA:	WATER SOURCE:
Date: <u>10/2/02</u> Time: <u>1700</u> Method: <u>LAB SUPPLIED</u>	<input checked="" type="checkbox"/> Laboratory Prepared <input type="checkbox"/> Tap <input type="checkbox"/> Purchased <input type="checkbox"/> Fire Hydrant <input type="checkbox"/> Other _____

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):	RINSATE INFORMATION (If Applicable):
Product Name: _____ Supplier: _____ Manufacturer: _____ Order Number: _____ Lot Number: _____ Expiration Date: _____	Media Type: _____ Equipment Used: _____ Equipment Type: <input type="checkbox"/> Dedicated <input type="checkbox"/> Reusable

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	<u>2-40 mL Glass Vials</u>	YES / NO
Semivolatiles	Cool 4°C		YES (NO)
Pesticide / PCB	Cool 4°C		YES (NO)
Metals	Cool 4°C & HNO <sub>3</sub>		YES (NO)
Cyanide	Cool 4°C & NaOH		YES (NO)

OBSERVATIONS / NOTES:

Signature(s): 



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-39-DM 580  
Sample Location: VPB-39

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

Sampled By: SJC  
C.O.C. No.: BP-VPB-100202  
Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date:	<u>10/3/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1120</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method:	<u>Hydropunch</u>	<u>BRN</u>	<u>7.03</u>	<u>2.06</u>	<u>21.37</u>	<u>—</u>	<u>2.84</u>	<u>137</u>	<u>.1</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: \_\_\_\_\_ hrs      TDS = 1.3 g/l

Sample depth (screened interval) = from \_\_\_\_\_ to \_\_\_\_\_ ft      DRILLING MUD @ 580'±

Screen exposed to formation for \_\_\_\_\_ minutes

Depth of borehole prior to advancing hydropunch = \_\_\_\_\_ ft

Circle if Applicable:		Signature(s): <u>SJC</u>
MS/MSD	Duplicate ID No.:	



# QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID Number: BP-TB-101802  
 Project Number: N4037 Sampled By: SJC  
 Sample Location: VPB-39 C.O.C. Number: BP-VPB-101802  
 QA Sample Type:  
 Trip Blank  Rinsate Blank  
 Source Water Blank  Other Blank \_\_\_\_\_

**SAMPLING DATA:**

Date: 10/18/02  
 Time: 0730  
 Method: LAB SUPPLIED

**WATER SOURCE:**

Laboratory Prepared  Tap  
 Purchased  Fire Hydrant  
 Other \_\_\_\_\_

**PURCHASED WATER INFORMATION**  
 (If Applicable as Source or Rinsate Water):

Product Name: \_\_\_\_\_  
 Supplier: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_  
 Order Number: \_\_\_\_\_  
 Lot Number: \_\_\_\_\_  
 Expiration Date: \_\_\_\_\_

**RINSATE INFORMATION**  
 (If Applicable):

Media Type: \_\_\_\_\_  
 Equipment Used: \_\_\_\_\_  
 Equipment Type:  
 Dedicated  
 Reusable

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	<u>2-40</u> mL Glass Vials	YES / NO
Semivolatiles	Cool 4°C		YES / NO
Pesticide / PCB	Cool 4°C		YES / NO
Metals	Cool 4°C & HNO <sub>3</sub>		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

**OBSERVATIONS / NOTES:**

Signature(s):

*S. J. Costa*



TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP-VPB-092302

PAGE 1 OF 1

PROJECT NO: N4037		SITE NAME: NWI RP-BEHPSE		PROJECT MANAGER AND PHONE NUMBER: D. BRAYACK 412 921 8375		LABORATORY NAME AND CONTACT: ECO TEST / D. SANDI	
SAMPLERS (SIGNATURE) <i>Sj Contri</i>		FIELD OPERATIONS LEADER AND PHONE NUMBER: S CONTI 412 921 8422		ADDRESS: 631 422 5777		CITY, STATE: N BABYLON NY	
STANDARD TAT <input type="checkbox"/> RUSH TAT <input type="checkbox"/>		72 hr. <input type="checkbox"/> 48 hr. <input type="checkbox"/> 72 hr. <input type="checkbox"/> 7 day <input type="checkbox"/> 14 day <input type="checkbox"/>		CARRIERWAYBILL NUMBER: ECO TEST COURIER			
DATE TIME		SAMPLE ID		MATRIX		NO. OF CONTAINERS	
9/23 1050		BP-TB-092302		AQ G		2	
9/23 1545		BP-VPB-39-062063		GW G		1	
9/24 0935		BP-VPB-39-082083		GW G		1	
9/24 0000		BP-VPB-39-DUP1		GW G		2	
9/24 1105		BP-VPB-39-102103		GW G		2	
9/24 1225		BP-VPB-39-122123		GW G		2	
9/24 1355		BP-VPB-39-142143		GW G		2	
9/25 0825		BP-VPB-39-162163		GW G		2	
9/25 0000		BP-VPB-39-DUP2		GW G		2	
9/25 0950		BP-VPB-39-182183		GW G		2	
9/25 1110		BP-VPB-39-202203		GW G		2	
						20 219 20 TOTAL	
1. RELINQUISHED BY		DATE		TIME		1. RECEIVED BY	
		9/25/02		1300		LABS COURIER	
2. RELINQUISHED BY		DATE		TIME		2. RECEIVED BY	
3. RELINQUISHED BY		DATE		TIME		3. RECEIVED BY	
COMMENTS							
TYPE OF ANALYSIS VCS (40ml VIAL) VCS (40ml VIAL) VCS (40ml VIAL)							
CONTAINER TYPE PLASTIC (P) or GLASS (G) PRESERVATIVE USED 400 400 400							
COMMENTS DUP OF 102103 DUP OF 182183							





TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP-VPB-092502

PAGE 1 OF 1

PROJECT NO: N14037		SITE NAME: NWIRP-BEIRPAGE		PROJECT MANAGER AND PHONE NUMBER: D. BRAYACK 412 921 8375		LABORATORY NAME AND CONTACT: ECD-TEST DIANE SANDI	
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER: S CONTI 412 921 8422		ADDRESS		CITY, STATE	
STANDARD TAT <input type="checkbox"/>		CARRIERWAYBILL NUMBER: ECD TEST COURIER		CONTAINER TYPE: U G		N BABYLON NY	
RUSH TAT <input type="checkbox"/>		NO. OF CONTAINERS		PLASTIC (P) or GLASS (G)			
<input type="checkbox"/> 24 hr. <input type="checkbox"/> 48 hr. <input type="checkbox"/> 72 hr. <input type="checkbox"/> 7 day <input type="checkbox"/> 14 day		MATRIX		PRESERVATIVE USED			
TIME		COMP (C) GRAB (G)		TYPE OF ANALYSIS			
SAMPLE ID		DATE		VOCs (40ml VIAL)		VOCs (40ml VIAL)	
VPB-39		TIME		VOCs (40ml VIAL)		VOCs (40ml VIAL)	
9/25 0745	BP-TB-092502	AG	G	2			
9/25 1220	BP-VPB-39-222223	GW	G	2			
9/25 1520	BP-VPB-39-262263	GW	G	2			
9/26 0905	BP-VPB-39-302303	GW	G	2			
9/26 0915	BP-VPB-39-DM320	GW	G	2			
9/26 1030	BP-VPB-39-322323	GW	G	2			
9/26 1150	BP-VPB-39-342343	GW	G	2			
9/26 1335	BP-VPB-39-362363	GW	G	2			
9/27 0000	BP-VPB-39-DUP3	GW	G	2			
9/27 0925	BP-VPB-39-382383	GW	G	2			
9/27 1100	BP-VPB-39-402403	GW	G	2			
				122 = 12/10			
1. RELINQUISHED BY		DATE	TIME	1. RECEIVED BY		DATE	TIME
Sg Conti		9/27/02	1300	COURIER			
2. RELINQUISHED BY		DATE	TIME	2. RECEIVED BY		DATE	TIME
3. RELINQUISHED BY		DATE	TIME	3. RECEIVED BY		DATE	TIME
COMMENT							
NO SAMPLE FROM 242243 WAS DRY ALSO							
NO SAMPLE AT 282283 WAS ALSO DRY							
DUP OF 382383							

VPB39-167





TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP-VPB-093002

PAGE 1 OF 1

PROJECT NO: N 4037		SITE NAME: NWIRP - BEHPAGE		PROJECT MANAGER AND PHONE NUMBER D. BRAYACK 412 921 8375		LABORATORY NAME AND CONTACT: ECO TEST / DIANE S.	
SAMPLERS (SIGNATURE) 		STANDARD TAT <input type="checkbox"/> RUSH TAT <input type="checkbox"/> 24 hr. <input type="checkbox"/> 48 hr. <input type="checkbox"/> 72 hr. <input type="checkbox"/> 7 day <input type="checkbox"/> 14 day		FIELD OPERATIONS LEADER AND PHONE NUMBER S CONTI 412 921 8422		ADDRESS 631 422 5777	
CARRIERWAYBILL NUMBER ECO TEST COURIER		CITY, STATE N BABYLON NY		CONTAINER TYPE PLASTIC (P) or GLASS (G) G G			
PRESERVATIVE USED		NO. OF CONTAINERS		TYPE OF ANALYSIS		COMMENTS	
DATE YEAR	TIME	MATRIX	GRAB (G) COMP (C)				
9/30	1100	BP-TB-093002	G	2	VOCs (40ml vial)		
9/30	1230	BP-VPB-39-421422	G	2	VOCs (40ml vial)		
9/30	1410	BP-VPB-39-442443	G	2	VOCs (40ml vial)		
10/1	1050	BP-VPB-39-412443	G	2	VOCs (40ml vial)		
10/1	1215	BP-VPB-39-502503	G	1			
10/1	1345	BP-VPB-39-522523	G	1			
10/1	1545	BP-VPB-39-542543	G	2			
10/2	0920	BP-VPB-39-562563	G	2			
10/2	1100	BP-VPB-39-582583	G	1			
				15	2	13	
1. RELINQUISHED BY		DATE		TIME		1. RECEIVED BY	
		10/2/02		1300		COURIER	
2. RELINQUISHED BY		DATE		TIME		2. RECEIVED BY	
3. RELINQUISHED BY		DATE		TIME		3. RECEIVED BY	
COMMENTS							

VPB39-A68

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE)

YELLOW (FIELD COPY)

PINK (FILE COPY)

FORM NO TINIJS-001

3/99



TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP-VPB-100202

PAGE 1 OF 1

PROJECT NO: N 4037  
 SITE NAME: NWIRP BETHPAGE.  
 SAMPLERS (SIGNATURE): *Sj Contri*  
 (VPB-39)

STANDARD TAT   
 RUSH TAT   
 24 hr.  48 hr.  72 hr.  7 day  14 day

DATE TIME SAMPLE ID  
 10/2 1700 BP-TB-100202  
 10/3 1130 BP-VPB-39 - DM 580  
 10/3 1310 BP-VPB-39 - 602603  
 10/3 1440 BP-VPB-39 - 622623  
 10/3 1640 BP-VPB-39 - 642643

MATRIX	GRAB (G) COMP (C)	NO. OF CONTAINERS	TYPE OF ANALYSIS	COMMENTS
AQ G	2	2	VOCs (ACQNT VIALS)	
DM G	2	2	VOCs (ACQNT VIALS)	DRILL MUD ♀ 580 FEET ♀
GW G	1	1	VOCs (ACQNT VIALS)	
GW G	2	2	VOCs (ACQNT VIALS)	
GW G	2	2	VOCs (ACQNT VIALS)	

1. RELINQUISHED BY: *Sj Contri* DATE: 10/11/02 TIME: 1300  
 2. RELINQUISHED BY: DATE: TIME:  
 3. RELINQUISHED BY: DATE: TIME:

COMMENT: BORING VPB-39 IS COMPLETE LAST SAMPLE 642643.  
 DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

VPB39 - A69



TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP-VPB-101802

PAGE 1 OF 1

PROJECT NO: N4037  
SAMPLERS (SIGNATURE) *SJ Conti*

SITE NAME: NWIRP-BETHPAGE  
PROJECT MANAGER AND PHONE NUMBER: D. BRAYACK 412 921 8375  
FIELD OPERATIONS LEADER AND PHONE NUMBER: S CONTI 412 921 8422

LABORATORY NAME AND CONTACT: ECO TEST / D. SANDI  
ADDRESS: 631 423 5777  
CITY, STATE: N. BABYLON NY

CARRIER/WAYBILL NUMBER: ECO-TEST COURIER

STANDARD TAT   
RUSH TAT  24 hr.  48 hr.  72 hr.  7 day  14 day

DATE TIME SAMPLE ID  
12/18 0730 BP-TB-101802  
12/18 1130 BP-VPB-39-463464  
12/18 - BP-VPB-39-477478

MATRIX GRA B (G) COMP (G) NO. OF CONTAINERS  
AQ G 2  
GW G 2  
GW G -

TYPE OF ANALYSIS  
VOC5 (40ml VIAL)  
VOC5 (40ml VIAL)

CONTAINER TYPE PLASTIC (P) or GLASS (G) PRESERVATIVE USED  
G G 40C  
G G 40C

COMMENTS  
NO SAMPLE HP - WAS DRY

1. RELINQUISHED BY *SJ Conti* DATE 10/18/02 TIME 1345  
2. RELINQUISHED BY COURIER DATE 10/18/02 TIME  
3. RELINQUISHED BY DATE TIME  
COMMENTS

VPB 101802



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224551.01

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 09/23/02 RECEIVED: 09/25/02

TIME COL'D: 1050

MATRIX: Water SAMPLE: BP-TB-092302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/26/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/26/02	1	EPA8260
Chloroethane	ug/L	< 1		09/26/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/26/02	1	EPA8260
Acetone	ug/L	< 10		09/26/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/26/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/26/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/26/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/26/02	2	EPA8260
Chloroform	ug/L	< 1		09/26/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/26/02	1	EPA8260
2-Butanone	ug/L	< 10		09/26/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/26/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/26/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/26/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/26/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/26/02	1	EPA8260
Benzene	ug/L	< 1		09/26/02	1	EPA8260
Bromoform	ug/L	< 1		09/26/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/26/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/26/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/26/02	1	EPA8260
Toluene	ug/L	< 1		09/26/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/26/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/26/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR 

rn = 34551

NYSDOH ID # 10320

Page 1 of 2

VPB39-A71

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.01

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/23/02 RECEIVED:09/25/02

TIME COL'D:1050

MATRIX:Water

SAMPLE: BP-TB-092302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/26/02	1	EPA8260
Styrene	ug/L	< 1		09/26/02	1	EPA8260
o Xylene	ug/L	< 1		09/26/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/26/02	2	EPA8260
Xylene	ug/L	< 3		09/26/02	3	EPA8260
Bromomethane	ug/L	< 1		09/26/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/26/02	1	EPA8260
Freon 113	ug/L	< 1		09/26/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/26/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/26/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/26/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/26/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/26/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34552

NYSDOH ID # 10320

Page 2 of 2

VPB39 - A72

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224551.02

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 09/23/02 RECEIVED: 09/25/02

TIME COL'D: 1545

MATRIX: Water

SAMPLE: BP-VPB-39-062063

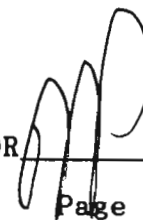
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34553

NYSDOH ID # 10320

Page 1 of 2

VPB39-A73



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.02

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/23/02 RECEIVED:09/25/02

TIME COL'D:1545

MATRIX:Water

SAMPLE: BP-VPB-39-062063

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34554

NYSDOH ID # 10320

Page 2 of 2

VPB39-A74

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.03

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/24/02 RECEIVED:09/25/02

TIME COL'D:0935

MATRIX:Water

SAMPLE: BP-VPB-39-082083

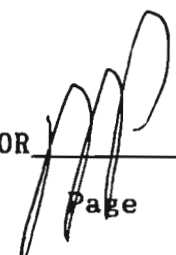
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34555

NYSDOH ID # 10320

Page 1 of 2

VPB39-A75

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.03

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/24/02 RECEIVED:09/25/02

TIME COL'D:0935

MATRIX:Water

SAMPLE: BP-VPB-39-082083

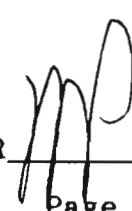
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34556

NYSDOH ID # 10320

Page 2 of 2

VPB39-A76

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.04

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/24/02 RECEIVED:09/25/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-39-DUP1

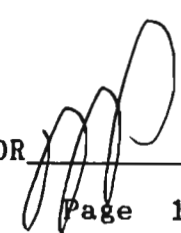
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34557

NYSDOH ID # 10320

Page 1 of 2

VPB39-A77

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.04

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/24/02 RECEIVED:09/25/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-39-DUP1

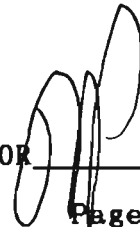
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34558

NYSDOH ID # 10320

Page 2 of 2

VPB 39 - A78

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.05

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02

TIME COL'D:1105

MATRIX:Water SAMPLE: BP-VPB-39-102103

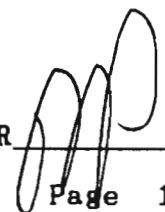
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34559

NYSDOH ID # 10320

Page 1 of 2

VPB39-A79

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.05

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/24/02 RECEIVED:09/25/02

TIME COL'D:1105

MATRIX:Water

SAMPLE: BP-VPB-39-102103

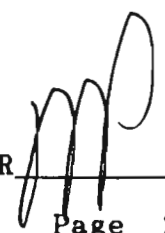
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34560

NYSDOH ID # 10320

Page 2 of 2

VPB39-A80

**ECOTEST LABORATORIES, INC.** ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.06

10/01/02

Tetra Tech Nus, Inc.  
 uoster Plaza VII, 661 Anderson Dr.  
 Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02

TIME COL'D:1225

MATRIX:Water SAMPLE: BP-VPB-39-122123

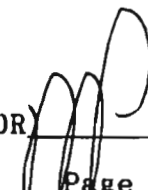
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34561

NYSDOH ID # 10320

Page 1 of 2

VPB39-A81



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224551.06

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 09/24/02 RECEIVED: 09/25/02

TIME COL'D: 1225

MATRIX: Water SAMPLE: BP-VPB-39-122123

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34562

NYSDOH ID # 10320

Page 2 of 2

VPB39-A82

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.07

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/24/02 RECEIVED:09/25/02

TIME COL'D:1355

MATRIX:Water

SAMPLE: BP-VPB-39-142143

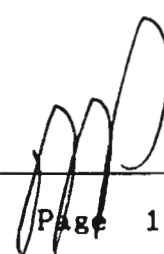
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34563

NYSDOH ID # 10320

Page 1 of 2

VPB39-A83

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.07

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/24/02 RECEIVED:09/25/02  
TIME COL'D:1355

MATRIX:Water SAMPLE: BP-VPB-39-142143

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	6		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34564

NYSDOH ID # 10320

Page 2 of 2

VPB39-A84

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.08

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02

TIME COL'D:0825

MATRIX:Water SAMPLE: BP-VPB-39-162163

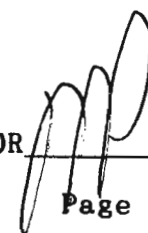
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34565

NYSDOH ID # 10320

Page 1 of 2

VPB39-A85

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.08

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/25/02 RECEIVED:09/25/02

TIME COL'D:0825

MATRIX:Water

SAMPLE: BP-VPB-39-162163

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	3		09/27/02	1	EPA8260

cc:

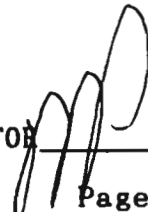
LRL=Laboratory Reporting Limit

REMARKS:

rn = 34566

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB39-A86

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.09

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-39-DUP2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34567

NYSDOH ID # 10320

Page 1 of 2

VPB39-A87

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.09

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/25/02 RECEIVED:09/25/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-39-DUP2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34568

NYSDOH ID # 10320

Page 2 of 2

VPB39-A88

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.10

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02

TIME COL'D:0950

MATRIX:Water

SAMPLE: BP-VPB-39-182183

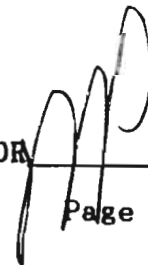
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



Page 1 of 2

rn = 34569

NYSDOH ID # 10320

VPB39-A89



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.10

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02  
TIME COL'D:0950

MATRIX:Water SAMPLE: BP-VPB-39-182183

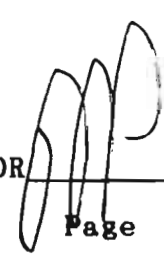
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34570

NYSDOH ID # 10320

Page 2 of 2

VPB39-A90

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.11

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02

TIME COL'D:1110

MATRIX:Water SAMPLE: BP-VPB-39-202203

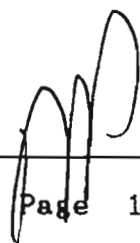
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34571

NYSDOH ID # 10320

Page 1 of 2

VPB39-A91

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224551.11

10/01/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/25/02  
TIME COL'D:1110

MATRIX:Water SAMPLE: BP-VPB-39-202203

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	25		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34572

NYSDOH ID # 10320

Page 2 of 2

VPB39-A92

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224609.01 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 09/25/02 RECEIVED: 09/27/02  
TIME COL'D: 0745

MATRIX: Water SAMPLE: BP-TB-092502


ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34971

NYSDOH ID # 10320

Page 1 of 2

VPB39-A93

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO.224609.01 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/25/02 RECEIVED:09/27/02

TIME COL'D:0745

MATRIX:Water

SAMPLE: BP-TB-092502

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlorodifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/27/02	1	EPA8260

cc:

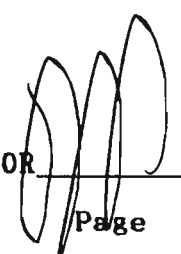
LRL=Laboratory Reporting Limit

REMARKS:

rn = 34972

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB39-A94

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224609.02 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client J08 DATE COL'D: 09/25/02 RECEIVED: 09/27/02

TIME COL'D: 1220

MATRIX: Water SAMPLE: BP-VPB-39-222223

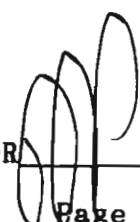
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34973

NYSDOH ID # 10320

Page 1 of 2

VPB39-A95

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO.224609.02 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/27/02  
TIME COL'D:1220

MATRIX:Water SAMPLE: BP-VPB-39-222223

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	2		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34974

NYSDOH ID # 10320

Page 2 of 2

VPB39-A96

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.03

10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/25/02 RECEIVED:09/27/02

TIME COL'D:1520

MATRIX:Water SAMPLE: BP-VPB-39-262263

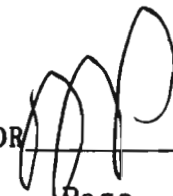
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34975

NYSDOH ID # 10320

Page 1 of 2

VPB39-A97



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224609.03

10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 09/25/02 RECEIVED: 09/27/02

TIME COL'D: 1520

MATRIX: Water

SAMPLE: BP-VPB-39-262263

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	120		09/30/02	5	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 34976

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A98

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO.224609.04 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02

TIME COL'D:0905

MATRIX:Water

SAMPLE: BP-VPB-39-302303

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34977

NYSDOH ID # 10320

Page 1 of 2

VPB39-A99

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224609.04 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 09/26/02 RECEIVED: 09/27/02

TIME COL'D: 0905

MATRIX: Water

SAMPLE: BP-VPB-39-302303


ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	22		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34978

NYSDOH ID # 10320

Page 2 of 2

VPB39-A100

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO.224609.05 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

P0#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02  
TIME COL'D:0915

MATRIX:Water SAMPLE: BP-VPB-39-DM320

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/30/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/30/02	1	EPA8260
Chloroethane	ug/L	< 1		09/30/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/30/02	1	EPA8260
Acetone	ug/L	< 10		09/30/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/30/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/30/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/30/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/30/02	2	EPA8260
Chloroform	ug/L	< 1		09/30/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/30/02	1	EPA8260
2-Butanone	ug/L	< 10		09/30/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/30/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/30/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/30/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/30/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/30/02	1	EPA8260
Benzene	ug/L	< 1		09/30/02	1	EPA8260
Bromoform	ug/L	< 1		09/30/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/30/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/30/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/30/02	1	EPA8260
Toluene	ug/L	< 1		09/30/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/30/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/30/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34979

NYSDOH ID # 10320

Page 1 of 2

VPB39-A101

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224609.05 10/02/02

Tetra Tech Nus. Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 09/26/02 RECEIVED: 09/27/02

TIME COL'D: 0915

MATRIX: Water

SAMPLE: BP-VPB-39-DM320

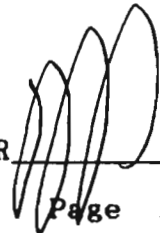
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/30/02	1	EPA8260
Styrene	ug/L	< 1		09/30/02	1	EPA8260
o Xylene	ug/L	< 1		09/30/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/30/02	2	EPA8260
Xylene	ug/L	< 3		09/30/02	3	EPA8260
Bromomethane	ug/L	< 1		09/30/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/30/02	1	EPA8260
Freon 113	ug/L	< 1		09/30/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/30/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/30/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/30/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/30/02	1	EPA8260
Trichloroethene	ug/L	10		09/30/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34980

NYSDOH ID # 10320

Page 2 of 2

VPB39-A102

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224609.06

10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 09/26/02 RECEIVED: 09/27/02

TIME COL'D: 1030

MATRIX: Water SAMPLE: BP-VPB-39-322323

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34981

NYSDOH ID # 10320

Page 1 of 2

VPB39-A103

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO.224609.06 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/26/02 RECEIVED:09/27/02

TIME COL'D:1030

MATRIX:Water

SAMPLE: BP-VPB-39-322323

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	11		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 34982

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39- A104

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224609.07

10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 09/26/02 RECEIVED: 09/27/02

TIME COL'D: 1150

MATRIX: Water SAMPLE: BP-VPB-39-342343

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34983

NYSDOH ID # 10320

Page 1 of 2

VPB39-A105



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224609.07 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 09/26/02 RECEIVED: 09/27/02

TIME COL'D: 1150

MATRIX: Water

SAMPLE: BP-VPB-39-342343

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	5		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 34984

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A106

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.08

10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/26/02 RECEIVED:09/27/02

TIME COL'D:1335

MATRIX:Water

SAMPLE: BP-VPB-39-362363

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/27/02	1	EPA8260
Chloroethane	ug/L	< 1		09/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/27/02	1	EPA8260
Acetone	ug/L	< 10		09/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/27/02	2	EPA8260
Chloroform	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/27/02	1	EPA8260
2-Butanone	ug/L	< 10		09/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/27/02	1	EPA8260
Benzene	ug/L	< 1		09/27/02	1	EPA8260
Bromoform	ug/L	< 1		09/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/27/02	1	EPA8260
Toluene	ug/L	< 1		09/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34985

NYSDOH ID # 10320

Page 1 of 2

VPB39-A107

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224609.08

10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 09/26/02 RECEIVED: 09/27/02

TIME COL'D: 1335

MATRIX: Water

SAMPLE: BP-VPB-39-362363

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/27/02	1	EPA8260
Styrene	ug/L	< 1		09/27/02	1	EPA8260
o Xylene	ug/L	< 1		09/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/27/02	2	EPA8260
Xylene	ug/L	< 3		09/27/02	3	EPA8260
Bromomethane	ug/L	< 1		09/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/27/02	1	EPA8260
Freon 113	ug/L	< 1		09/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/27/02	1	EPA8260
Trichloroethene	ug/L	22		09/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34986

NYSDOH ID # 10320

Page 2 of 2

VPB39-A108

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224609.09 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 09/27/02 RECEIVED: 09/27/02

TIME COL'D: 0000

MATRIX: Water SAMPLE: BP-VPB-39-DUP3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/28/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/28/02	1	EPA8260
Chloroethane	ug/L	< 1		09/28/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/28/02	1	EPA8260
Acetone	ug/L	< 10		09/28/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/28/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/28/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/28/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/28/02	2	EPA8260
Chloroform	ug/L	< 1		09/28/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/28/02	1	EPA8260
2-Butanone	ug/L	< 10		09/28/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/28/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/28/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/28/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/28/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/28/02	1	EPA8260
Benzene	ug/L	< 1		09/28/02	1	EPA8260
Bromoform	ug/L	< 1		09/28/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/28/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/28/02	10	EPA8260
Tetrachloroethene	ug/L	1		09/28/02	1	EPA8260
Toluene	ug/L	< 1		09/28/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/28/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/28/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34987

NYSDOH ID # 10320

Page 1 of 2

VPB39-A109

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.09

10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/27/02 RECEIVED:09/27/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-39-DUP3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/28/02	1	EPA8260
Styrene	ug/L	< 1		09/28/02	1	EPA8260
o Xylene	ug/L	< 1		09/28/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/28/02	2	EPA8260
Xylene	ug/L	< 3		09/28/02	3	EPA8260
Bromomethane	ug/L	< 1		09/28/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/28/02	1	EPA8260
Freon 113	ug/L	< 1		09/28/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/28/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/28/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/28/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/28/02	1	EPA8260
Trichloroethene	ug/L	140		09/30/02	5	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 34988

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A110

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)  
LAB NO. 224609.10 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 09/27/02 RECEIVED: 09/27/02

TIME COL'D: 0925

MATRIX: Water SAMPLE: BP-VPB-39-382383

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/28/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/28/02	1	EPA8260
Chloroethane	ug/L	< 1		09/28/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/28/02	1	EPA8260
Acetone	ug/L	< 10		09/28/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/28/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/28/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/28/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/28/02	2	EPA8260
Chloroform	ug/L	< 1		09/28/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/28/02	1	EPA8260
2-Butanone	ug/L	< 10		09/28/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/28/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/28/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/28/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/28/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/28/02	1	EPA8260
Benzene	ug/L	< 1		09/28/02	1	EPA8260
Bromoform	ug/L	< 1		09/28/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/28/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/28/02	10	EPA8260
Tetrachloroethene	ug/L	1		09/28/02	1	EPA8260
Toluene	ug/L	< 1		09/28/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/28/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/28/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 34989

NYSDOH ID # 10320

Page 1 of 2

VPB39-A111

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO.224609.10 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/27/02 RECEIVED:09/27/02

TIME COL'D:0925

MATRIX:Water

SAMPLE: BP-VPB-39-382383

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/28/02	1	EPA8260
Styrene	ug/L	< 1		09/28/02	1	EPA8260
o Xylene	ug/L	< 1		09/28/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/28/02	2	EPA8260
Xylene	ug/L	< 3		09/28/02	3	EPA8260
Bromomethane	ug/L	< 1		09/28/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/28/02	1	EPA8260
Freon 113	ug/L	< 1		09/28/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/28/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/28/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/28/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/28/02	1	EPA8260
Trichloroethene	ug/L	140		09/30/02	5	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 34990

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A112

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224609.11

10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/27/02 RECEIVED:09/27/02

TIME COL'D:1100

MATRIX:Water

SAMPLE: BP-VPB-39-402403

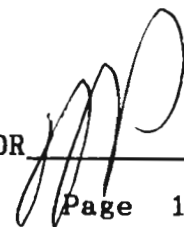
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/28/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/28/02	1	EPA8260
Chloroethane	ug/L	< 1		09/28/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/28/02	1	EPA8260
Acetone	ug/L	< 10		09/28/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/28/02	1	EPA8260
1,1 Dichloroethene	ug/L	2		09/28/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/28/02	1	EPA8260
1,2 Dichloroethene	ug/L	2		09/28/02	2	EPA8260
Chloroform	ug/L	< 1		09/28/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/28/02	1	EPA8260
2-Butanone	ug/L	< 10		09/28/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/28/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/28/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/28/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/28/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/28/02	1	EPA8260
Benzene	ug/L	< 1		09/28/02	1	EPA8260
Bromoform	ug/L	< 1		09/28/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/28/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/28/02	10	EPA8260
Tetrachloroethene	ug/L	5		09/28/02	1	EPA8260
Toluene	ug/L	< 1		09/28/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/28/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/28/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34991

NYSDOH ID # 10320

Page 1 of 2

VPB39-A113



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224609.11 10/02/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 09/27/02 RECEIVED: 09/27/02

TIME COL'D: 1100

MATRIX: Water

SAMPLE: BP-VPB-39-402403

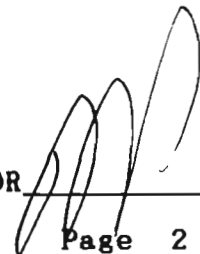
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/28/02	1	EPA8260
Styrene	ug/L	< 1		09/28/02	1	EPA8260
o Xylene	ug/L	< 1		09/28/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/28/02	2	EPA8260
Xylene	ug/L	< 3		09/28/02	3	EPA8260
Bromomethane	ug/L	< 1		09/28/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/28/02	1	EPA8260
Freon 113	ug/L	< 1		09/28/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/28/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/28/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/28/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/28/02	1	EPA8260
Trichloroethene	ug/L	780		09/30/02	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 34992

NYSDOH ID # 10320

Page 2 of 2

VPB39-A114

# ECOTEST LABORATORIES, INC.

START

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.01

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/30/02 RECEIVED:10/02/02

TIME COL'D:1100

MATRIX:Water

SAMPLE: BP-TB-093002

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/02/02	1	EPA8260
Chloroethane	ug/L	< 1		10/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/02/02	1	EPA8260
Acetone	ug/L	< 10		10/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/02/02	2	EPA8260
Chloroform	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
2-Butanone	ug/L	< 10		10/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Benzene	ug/L	< 1		10/02/02	1	EPA8260
Bromoform	ug/L	< 1		10/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/02/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/02/02	1	EPA8260
Toluene	ug/L	< 1		10/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35584

NYSDOH ID # 10320

Page 1 of 2

VPB39-A115

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.01

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/30/02 RECEIVED:10/02/02

TIME COL'D:1100

MATRIX:Water

SAMPLE: BP-TB-093002

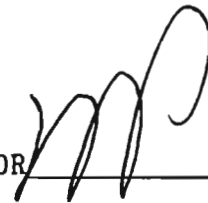
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/02/02	1	EPA8260
Styrene	ug/L	< 1		10/02/02	1	EPA8260
o Xylene	ug/L	< 1		10/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/02/02	2	EPA8260
Xylene	ug/L	< 3		10/02/02	3	EPA8260
Bromomethane	ug/L	< 1		10/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/02/02	1	EPA8260
Freon 113	ug/L	< 1		10/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
Trichloroethene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35585

NYSDOH ID # 10320

Page 2 of 2

VPB39-A116

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.02

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/30/02 RECEIVED:10/02/02

TIME COL'D:1230

MATRIX:Water

SAMPLE: BP-VPB-39-421422

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/02/02	1	EPA8260
Chloroethane	ug/L	< 1		10/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/02/02	1	EPA8260
Acetone	ug/L	< 10		10/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/02/02	2	EPA8260
Chloroform	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
2-Butanone	ug/L	< 10		10/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Benzene	ug/L	< 1		10/02/02	1	EPA8260
Bromoform	ug/L	< 1		10/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/02/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/02/02	1	EPA8260
Toluene	ug/L	< 1		10/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35586

NYSDOH ID # 10320

Page 1 of 2

VPB39-A117

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224687.02

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 09/30/02 RECEIVED: 10/02/02

TIME COL'D: 1230

MATRIX: Water

SAMPLE: BP-VPB-39-421422

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/02/02	1	EPA8260
Styrene	ug/L	< 1		10/02/02	1	EPA8260
o Xylene	ug/L	< 1		10/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/02/02	2	EPA8260
Xylene	ug/L	< 3		10/02/02	3	EPA8260
Bromomethane	ug/L	< 1		10/02/02	1	EPA8260
ter. Butyl Methyl Ether	ug/L	< 1		10/02/02	1	EPA8260
Freon 113	ug/L	< 1		10/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/02/02	1	EPA8260
Dichlorodifluomethane	ug/L	< 1		10/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
Trichloroethene	ug/L	14		10/02/02	1	EPA8260

cc:

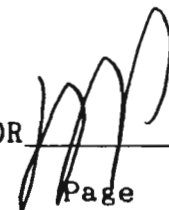
LRL=Laboratory Reporting Limit

REMARKS:

rn = 35587

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB39 - A118

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.03

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/30/02 RECEIVED:10/02/02

TIME COL'D:1410

MATRIX:Water

SAMPLE: BP-VPB-39-442443

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/02/02	1	EPA8260
Chloroethane	ug/L	< 1		10/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/02/02	1	EPA8260
Acetone	ug/L	< 10		10/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/02/02	2	EPA8260
Chloroform	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
2-Butanone	ug/L	< 10		10/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Benzene	ug/L	< 1		10/02/02	1	EPA8260
Bromoform	ug/L	< 1		10/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/02/02	10	EPA8260
Tetrachloroethene	ug/L	4		10/02/02	1	EPA8260
Toluene	ug/L	< 1		10/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35588

NYSDOH ID # 10320

Page 1 of 2

VPB39-A119

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.03

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/30/02 RECEIVED:10/02/02

TIME COL'D:1410

MATRIX:Water SAMPLE: BP-VPB-39-442443

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/02/02	1	EPA8260
Styrene	ug/L	< 1		10/02/02	1	EPA8260
o Xylene	ug/L	< 1		10/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/02/02	2	EPA8260
Xylene	ug/L	< 3		10/02/02	3	EPA8260
Bromomethane	ug/L	< 1		10/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/02/02	1	EPA8260
Freon 113	ug/L	< 1		10/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
Trichloroethene	ug/L	49		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 35589

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A120

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.224993.02

10/23/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:10/18/02 RECEIVED:10/18/02

TIME COL'D:1130

MATRIX:Water SAMPLE: BP-VPB-39-463464

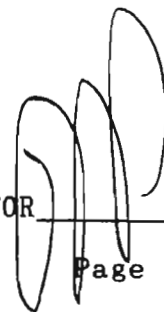
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/21/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/21/02	1	EPA8260
Chloroethane	ug/L	< 1		10/21/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/21/02	1	EPA8260
Acetone	ug/L	< 10		10/21/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/21/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/21/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/21/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/21/02	2	EPA8260
Chloroform	ug/L	< 1		10/21/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/21/02	1	EPA8260
2-Butanone	ug/L	< 10		10/21/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/21/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/21/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/21/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/21/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/21/02	1	EPA8260
Benzene	ug/L	< 1		10/21/02	1	EPA8260
Bromoform	ug/L	< 1		10/21/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/21/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/21/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/21/02	1	EPA8260
Toluene	ug/L	< 1		10/21/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/21/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/21/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 37970

NYSDOH ID # 10320

Page 1 of 2

VPB39-A121



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

LAB NO. 224993.02      Email: ecotestlab@aol.com      Website: www.ecotestlabs.com  
10/23/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:10/18/02 RECEIVED:10/18/02

TIME COL'D:1130

MATRIX:Water

SAMPLE: BP-VPB-39-463464

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/21/02	1	EPA8260
Styrene	ug/L	< 1		10/21/02	1	EPA8260
o Xylene	ug/L	< 1		10/21/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/21/02	2	EPA8260
Xylene	ug/L	< 3		10/21/02	3	EPA8260
Bromomethane	ug/L	< 1		10/21/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/21/02	1	EPA8260
Freon 113	ug/L	< 1		10/21/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/21/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/21/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/21/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/21/02	1	EPA8260
Trichloroethene	ug/L	3		10/21/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 37971

NYSDOH ID # 10320

Page 2 of 2

VPB39-A122

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224687.04

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 10/01/02 RECEIVED: 10/02/02  
TIME COL'D: 1050

MATRIX: Water SAMPLE: BP-VPB-39-492493

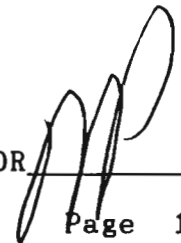
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/02/02	1	EPA8260
Chloroethane	ug/L	< 1		10/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/02/02	1	EPA8260
Acetone	ug/L	< 10		10/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/02/02	2	EPA8260
Chloroform	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
2-Butanone	ug/L	< 10		10/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Benzene	ug/L	< 1		10/02/02	1	EPA8260
Bromoform	ug/L	< 1		10/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/02/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/02/02	1	EPA8260
Toluene	ug/L	< 1		10/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35590

NYSDOH ID # 10320

Page 1 of 2

VPB39-A123

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224687.04

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

P0#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 10/01/02 RECEIVED: 10/02/02

TIME COL'D: 1050

MATRIX: Water

SAMPLE: BP-VPB-39-492493

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/02/02	1	EPA8260
Styrene	ug/L	< 1		10/02/02	1	EPA8260
o Xylene	ug/L	< 1		10/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/02/02	2	EPA8260
Xylene	ug/L	< 3		10/02/02	3	EPA8260
Bromomethane	ug/L	< 1		10/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/02/02	1	EPA8260
Freon 113	ug/L	< 1		10/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
Trichloroethene	ug/L	4		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 35591

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A124

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224687.05

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 10/01/02 RECEIVED: 10/02/02

TIME COL'D: 1215

MATRIX: Water

SAMPLE: BP-VPB-39-502503

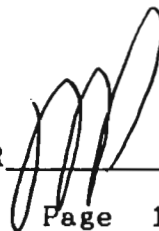
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/02/02	1	EPA8260
Chloroethane	ug/L	< 1		10/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/02/02	1	EPA8260
Acetone	ug/L	< 10		10/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/02/02	2	EPA8260
Chloroform	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
2-Butanone	ug/L	< 10		10/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Benzene	ug/L	< 1		10/02/02	1	EPA8260
Bromoform	ug/L	< 1		10/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/02/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/02/02	1	EPA8260
Toluene	ug/L	< 1		10/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35592

NYSDOH ID # 10320

Page 1 of 2

VPB39-A125

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO. 224687.05

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 10/01/02 RECEIVED: 10/02/02

TIME COL'D: 1215

MATRIX: Water

SAMPLE: BP-VPB-39-502503

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/02/02	1	EPA8260
Styrene	ug/L	< 1		10/02/02	1	EPA8260
o Xylene	ug/L	< 1		10/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/02/02	2	EPA8260
Xylene	ug/L	< 3		10/02/02	3	EPA8260
Bromomethane	ug/L	< 1		10/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/02/02	1	EPA8260
Freon 113	ug/L	< 1		10/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
Trichloroethene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 35593

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB39-A126

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224687.06

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 10/01/02 RECEIVED: 10/02/02

TIME COL'D: 1345

MATRIX: Water

SAMPLE: BP-VPB-39-522523

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/02/02	1	EPA8260
Chloroethane	ug/L	< 1		10/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/02/02	1	EPA8260
Acetone	ug/L	< 10		10/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/02/02	2	EPA8260
Chloroform	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
2-Butanone	ug/L	< 10		10/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Benzene	ug/L	< 1		10/02/02	1	EPA8260
Bromoform	ug/L	< 1		10/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/02/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/02/02	1	EPA8260
Toluene	ug/L	< 1		10/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 1 of 2

rn = 35594

NYSDOH ID # 10320

VPB39-A127

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224687.06

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP. Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:10/01/02 RECEIVED:10/02/02

TIME COL'D:1345

MATRIX:Water

SAMPLE: BP-VPB-39-522523

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/02/02	1	EPA8260
Styrene	ug/L	< 1		10/02/02	1	EPA8260
o Xylene	ug/L	< 1		10/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/02/02	2	EPA8260
Xylene	ug/L	< 3		10/02/02	3	EPA8260
Bromomethane	ug/L	< 1		10/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/02/02	1	EPA8260
Freon 113	ug/L	< 1		10/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
Trichloroethene	ug/L	3		10/02/02	1	EPA8260

cc:

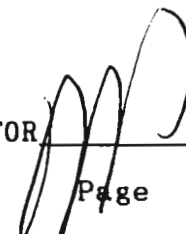
LRL=Laboratory Reporting Limit

REMARKS:

rn = 35595

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB39-A128

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224687.07

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 10/01/02 RECEIVED: 10/02/02

TIME COL'D: 1545

MATRIX: Water SAMPLE: BP-VPB-39-542543

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/02/02	1	EPA8260
Chloroethane	ug/L	< 1		10/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/02/02	1	EPA8260
Acetone	ug/L	< 10		10/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/02/02	2	EPA8260
Chloroform	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
2-Butanone	ug/L	< 10		10/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Benzene	ug/L	< 1		10/02/02	1	EPA8260
Bromoform	ug/L	< 1		10/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/02/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/02/02	1	EPA8260
Toluene	ug/L	< 1		10/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35596

NYSDOH ID # 10320

Page 1 of 2

VPB39-A129



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.07

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:10/01/02 RECEIVED:10/02/02

TIME COL'D:1545

MATRIX:Water SAMPLE: BP-VPB-39-542543

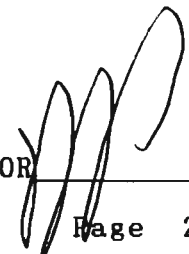
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/02/02	1	EPA8260
Styrene	ug/L	< 1		10/02/02	1	EPA8260
o Xylene	ug/L	< 1		10/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/02/02	2	EPA8260
Xylene	ug/L	< 3		10/02/02	3	EPA8260
Bromomethane	ug/L	< 1		10/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/02/02	1	EPA8260
Freon 113	ug/L	< 1		10/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
Trichloroethene	ug/L	44		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35597

NYSDOH ID # 10320

Page 2 of 2

VPB39-A130

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.08

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:10/02/02 RECEIVED:10/02/02

TIME COL'D:0920

MATRIX:Water

SAMPLE: BP-VPB-39-562563

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/02/02	1	EPA8260
Chloroethane	ug/L	< 1		10/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/02/02	1	EPA8260
Acetone	ug/L	< 10		10/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/02/02	2	EPA8260
Chloroform	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/02/02	1	EPA8260
2-Butanone	ug/L	< 10		10/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/02/02	1	EPA8260
Benzene	ug/L	< 1		10/02/02	1	EPA8260
Bromoform	ug/L	< 1		10/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/02/02	10	EPA8260
Tetrachloroethene	ug/L	9		10/02/02	1	EPA8260
Toluene	ug/L	< 1		10/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 1 of 2

rn = 35598

NYSDOH ID # 10320

VPB39-A131

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO. 224687.08

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 10/02/02 RECEIVED: 10/02/02

TIME COL'D: 0920

MATRIX: Water

SAMPLE: BP-VPB-39-562563

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/02/02	1	EPA8260
Styrene	ug/L	< 1		10/02/02	1	EPA8260
o Xylene	ug/L	< 1		10/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/02/02	2	EPA8260
Xylene	ug/L	< 3		10/02/02	3	EPA8260
Bromomethane	ug/L	< 1		10/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/02/02	1	EPA8260
Freon 113	ug/L	< 1		10/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/02/02	1	EPA8260
Trichloroethene	ug/L	23		10/02/02	1	EPA8260

cc:

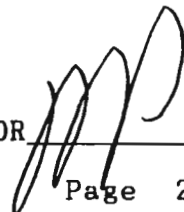
LRL=Laboratory Reporting Limit

REMARKS:

rn = 35599

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB39-A132

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224687.09

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 10/02/02 RECEIVED: 10/02/02

TIME COL'D: 1100

MATRIX: Water

SAMPLE: BP-VPB-39-582583

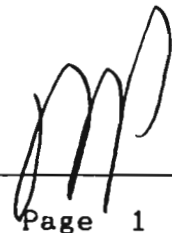
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/03/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/03/02	1	EPA8260
Chloroethane	ug/L	< 1		10/03/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/03/02	1	EPA8260
Acetone	ug/L	< 10		10/03/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/03/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/03/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/03/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/03/02	2	EPA8260
Chloroform	ug/L	< 1		10/03/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/03/02	1	EPA8260
2-Butanone	ug/L	< 10		10/03/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/03/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/03/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/03/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/03/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/03/02	1	EPA8260
Benzene	ug/L	< 1		10/03/02	1	EPA8260
Bromoform	ug/L	< 1		10/03/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/03/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/03/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/03/02	1	EPA8260
Toluene	ug/L	< 1		10/03/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/03/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/03/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35600

NYSDOH ID # 10320

Page 1 of 2

VPB39-A133

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224687.09

10/08/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:10/02/02 RECEIVED:10/02/02  
TIME COL'D:1100

MATRIX:Water SAMPLE: BP-VPB-39-582583

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/03/02	1	EPA8260
Styrene	ug/L	< 1		10/03/02	1	EPA8260
o Xylene	ug/L	< 1		10/03/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/03/02	2	EPA8260
Xylene	ug/L	< 3		10/03/02	3	EPA8260
Bromomethane	ug/L	< 1		10/03/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/03/02	1	EPA8260
Freon 113	ug/L	< 1		10/03/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/03/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/03/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/03/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/03/02	1	EPA8260
Trichloroethene	ug/L	< 1		10/03/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 35601

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A134

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.01

10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site. #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:10/02/02 RECEIVED:10/04/02

TIME COL'D:1700

MATRIX:Water SAMPLE: BP-TB-100202

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/04/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/04/02	1	EPA8260
Chloroethane	ug/L	< 1		10/04/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/04/02	1	EPA8260
Acetone	ug/L	< 10		10/04/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/04/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/04/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/04/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/04/02	2	EPA8260
Chloroform	ug/L	< 1		10/04/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/04/02	1	EPA8260
2-Butanone	ug/L	< 10		10/04/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/04/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/04/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/04/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/04/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/04/02	1	EPA8260
Benzene	ug/L	< 1		10/04/02	1	EPA8260
Bromoform	ug/L	< 1		10/04/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/04/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/04/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/04/02	1	EPA8260
Toluene	ug/L	< 1		10/04/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/04/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/04/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35900

NYSDOH ID # 10320

Page 1 of 2

VPB39-A135

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.01

10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:10/02/02 RECEIVED:10/04/02

TIME COL'D:1700

MATRIX:Water

SAMPLE: BP-TB-100202

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/04/02	1	EPA8260
Styrene	ug/L	< 1		10/04/02	1	EPA8260
o Xylene	ug/L	< 1		10/04/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/04/02	2	EPA8260
Xylene	ug/L	< 3		10/04/02	3	EPA8260
Bromomethane	ug/L	< 1		10/04/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/04/02	1	EPA8260
Freon 113	ug/L	< 1		10/04/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/04/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/04/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/04/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/04/02	1	EPA8260
Trichloroethene	ug/L	< 1		10/04/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 35901

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A136

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224743.02

10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 10/03/02 RECEIVED: 10/04/02

TIME COL'D: 1120

MATRIX: Water SAMPLE: BP-VPB-39-DM580

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/04/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/04/02	1	EPA8260
Chloroethane	ug/L	< 1		10/04/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/04/02	1	EPA8260
Acetone	ug/L	< 10		10/04/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/04/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/04/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/04/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/04/02	2	EPA8260
Chloroform	ug/L	< 1		10/04/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/04/02	1	EPA8260
2-Butanone	ug/L	< 10		10/04/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/04/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/04/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/04/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/04/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/04/02	1	EPA8260
Benzene	ug/L	< 1		10/04/02	1	EPA8260
Bromoform	ug/L	< 1		10/04/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/04/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/04/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/04/02	1	EPA8260
Toluene	ug/L	< 1		10/04/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/04/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/04/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35902

NYSDOH ID # 10320

Page 1 of 2

VPB39-A137



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO.224743.02 10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:10/03/02 RECEIVED:10/04/02

TIME COL'D:1120

MATRIX:Water SAMPLE: BP-VPB-39-DM580

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/04/02	1	EPA8260
Styrene	ug/L	< 1		10/04/02	1	EPA8260
o Xylene	ug/L	< 1		10/04/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/04/02	2	EPA8260
Xylene	ug/L	< 3		10/04/02	3	EPA8260
Bromomethane	ug/L	< 1		10/04/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/04/02	1	EPA8260
Freon 113	ug/L	< 1		10/04/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/04/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/04/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/04/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/04/02	1	EPA8260
Trichloroethene	ug/L	< 1		10/04/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 35903

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A138

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.03

10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:10/03/02 RECEIVED:10/04/02

TIME COL'D:1310

MATRIX:Water

SAMPLE: BP-VPB-39-602603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/05/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/05/02	1	EPA8260
Chloroethane	ug/L	< 1		10/05/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/05/02	1	EPA8260
Acetone	ug/L	< 10		10/05/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/05/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/05/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/05/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/05/02	2	EPA8260
Chloroform	ug/L	< 1		10/05/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/05/02	1	EPA8260
2-Butanone	ug/L	< 10		10/05/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/05/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/05/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/05/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/05/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/05/02	1	EPA8260
Benzene	ug/L	< 1		10/05/02	1	EPA8260
Bromoform	ug/L	< 1		10/05/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/05/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/05/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/05/02	1	EPA8260
Toluene	ug/L	< 1		10/05/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/05/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/05/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35904

NYSDOH ID # 10320

Page 1 of 2

VPB39-A139

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.03

10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:10/03/02 RECEIVED:10/04/02

TIME COL'D:1310

MATRIX:Water

SAMPLE: BP-VPB-39-602603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/05/02	1	EPA8260
Styrene	ug/L	< 1		10/05/02	1	EPA8260
o Xylene	ug/L	< 1		10/05/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/05/02	2	EPA8260
Xylene	ug/L	< 3		10/05/02	3	EPA8260
Bromomethane	ug/L	< 1		10/05/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/05/02	1	EPA8260
Freon 113	ug/L	< 1		10/05/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/05/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/05/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/05/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/05/02	1	EPA8260
Trichloroethene	ug/L	4		10/05/02	1	EPA8260

cc:

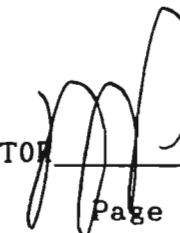
LRL=Laboratory Reporting Limit

REMARKS:

rn = 35905

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB39-A140

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224743.04

10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:10/03/02 RECEIVED:10/04/02

TIME COL'D:1440

MATRIX:Water SAMPLE: BP-VPB-39-622623

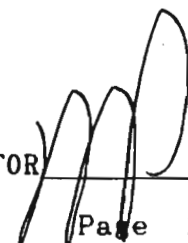
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/05/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/05/02	1	EPA8260
Chloroethane	ug/L	< 1		10/05/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/05/02	1	EPA8260
Acetone	ug/L	< 10		10/05/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/05/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/05/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/05/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/05/02	2	EPA8260
Chloroform	ug/L	< 1		10/05/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/05/02	1	EPA8260
2-Butanone	ug/L	< 10		10/05/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/05/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/05/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/05/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/05/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/05/02	1	EPA8260
Benzene	ug/L	< 1		10/05/02	1	EPA8260
Bromoform	ug/L	< 1		10/05/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/05/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/05/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/05/02	1	EPA8260
Toluene	ug/L	< 1		10/05/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/05/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/05/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



Page 1 of 2

rn = 35906

NYSDOH ID # 10320

VPB39-A141

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO. 224743.04

10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 10/03/02 RECEIVED: 10/04/02

TIME COL'D: 1440

MATRIX: Water

SAMPLE: BP-VPB-39-622623

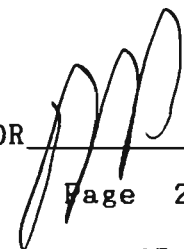
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/05/02	1	EPA8260
Styrene	ug/L	< 1		10/05/02	1	EPA8260
o Xylene	ug/L	< 1		10/05/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/05/02	2	EPA8260
Xylene	ug/L	< 3		10/05/02	3	EPA8260
Bromomethane	ug/L	< 1		10/05/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/05/02	1	EPA8260
Freon 113	ug/L	< 1		10/05/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/05/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/05/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/05/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/05/02	1	EPA8260
Trichloroethene	ug/L	2		10/05/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 35907

NYSDOH ID # 10320

Page 2 of 2

VPB39-A142

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224743.05

10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 10/03/02 RECEIVED: 10/04/02

TIME COL'D: 1640

MATRIX: Water SAMPLE: BP-VPB-39-642643

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/05/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/05/02	1	EPA8260
Chloroethane	ug/L	< 1		10/05/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/05/02	1	EPA8260
Acetone	ug/L	< 10		10/05/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/05/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/05/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/05/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/05/02	2	EPA8260
Chloroform	ug/L	< 1		10/05/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/05/02	1	EPA8260
2-Butanone	ug/L	< 10		10/05/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/05/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/05/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/05/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/05/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/05/02	1	EPA8260
Benzene	ug/L	< 1		10/05/02	1	EPA8260
Bromoform	ug/L	< 1		10/05/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/05/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/05/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/05/02	1	EPA8260
Toluene	ug/L	< 1		10/05/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/05/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/05/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



Page 1 of 2

rn = 35908

NYSDOH ID # 10320

VPB39-A143

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO.224743.05 10/09/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:10/03/02 RECEIVED:10/04/02

TIME COL'D:1640

MATRIX:Water

SAMPLE: BP-VPB-39-642643

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/05/02	1	EPA8260
Styrene	ug/L	< 1		10/05/02	1	EPA8260
o Xylene	ug/L	< 1		10/05/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/05/02	2	EPA8260
Xylene	ug/L	< 3		10/05/02	3	EPA8260
Bromomethane	ug/L	< 1		10/05/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/05/02	1	EPA8260
Freon 113	ug/L	< 1		10/05/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/05/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/05/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/05/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/05/02	1	EPA8260
Trichloroethene	ug/L	2		10/05/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 2 of 2

rn = 35909

NYSDOH ID # 10320

VPB39-A144

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224993.01 10/23/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 10/18/02 RECEIVED: 10/18/02  
TIME COL'D: 0730

MATRIX: Water SAMPLE: BP-TB-101802

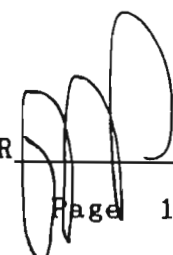
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		10/21/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		10/21/02	1	EPA8260
Chloroethane	ug/L	< 1		10/21/02	1	EPA8260
Methylene Chloride	ug/L	< 1		10/21/02	1	EPA8260
Acetone	ug/L	< 10		10/21/02	10	EPA8260
Carbon disulfide	ug/L	< 1		10/21/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		10/21/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		10/21/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		10/21/02	2	EPA8260
Chloroform	ug/L	< 1		10/21/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		10/21/02	1	EPA8260
2-Butanone	ug/L	< 10		10/21/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		10/21/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		10/21/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		10/21/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		10/21/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		10/21/02	1	EPA8260
Benzene	ug/L	< 1		10/21/02	1	EPA8260
Bromoform	ug/L	< 1		10/21/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		10/21/02	10	EPA8260
2-Hexanone	ug/L	< 10		10/21/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		10/21/02	1	EPA8260
Toluene	ug/L	< 1		10/21/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		10/21/02	1	EPA8260
Chlorobenzene	ug/L	< 1		10/21/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 37968

NYSDOH ID # 10320

Page 1 of 2

VPB39-A 145



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com  
LAB NO. 224993.01

Website: www.ecotestlabs.com  
10/23/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 10/18/02 RECEIVED: 10/18/02

TIME COL'D: 0730

MATRIX: Water

SAMPLE: BP-TB-101802

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		10/21/02	1	EPA8260
Styrene	ug/L	< 1		10/21/02	1	EPA8260
o Xylene	ug/L	< 1		10/21/02	1	EPA8260
m + p Xylene	ug/L	< 2		10/21/02	2	EPA8260
Xylene	ug/L	< 3		10/21/02	3	EPA8260
Bromomethane	ug/L	< 1		10/21/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		10/21/02	1	EPA8260
Freon 113	ug/L	< 1		10/21/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		10/21/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		10/21/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		10/21/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		10/21/02	1	EPA8260
Trichloroethene	ug/L	< 1		10/21/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 37969

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB39-A146

**Appendix B**

**VPB-73**



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/20/02  
 GEOLOGIST: CONTI  
 DRILLER: B. BAER

START  
≈ 1300

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	0			6"	YEL BRN		TOP 6" ROAD GRAVEL SAND AND GRAVEL	GW	FROM CUTTINGS	0	0	0	0
	10												0
	20					YELL							
S-1 @ 1335	22	12/10	1/2		DENSE	BRN	SAND AND GRAVEL	GW	WET	0	0	0	0
	23	18/20		HP-1 @ 1500					DRIVE HP-1 @ 1345 TOOK BP-VPB-73- @ 1500 022023				
	30								2-VOA'S ONLY				0
	40												
S-2 @ 1525	42	7/11	1/2		DENSE	TAN	GRAVEL AND SAND (MAX Ø 1 1/2")	GW	WET SUBROUND GRAVEL	0	0	0	0
	43	13/35		HP-2 @ 1635					DRIVE HP-2 @ 1535 ± TOOK BP-VPB-73- @ 1635 042043				
	50												

\* When rock coring, enter rock brokeness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: MUD ROTARY 8" DRAG BIT TO 140'  
TO SET 6" PVC CASING - THEN 5 7/8" DRAG  
BIT TO BOTTOM OF HOLE - ALSO MUD ROTARY

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No  Well I.D. #: \_\_\_\_\_

VPB73-B1



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/21/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
	50						GRAVEL AND SAND	GW					0	
	60			60 ±										
S-3 e		10/18	.5/2		DENSE	YELLOW BRN	SILTY SAND (LG GRAVEL IN WASH PORTION OF SPOON)	SM	MOIST → WET W/MICA DRIVE HP-3 @ 0810 NO SAMPLE GW	0	0	0	0	
0805	62	29/30		HP-3 e 0905					INSUFFICIENT VOLUME - SCREEN WAS EXPOSED 12"					
	63													
	70			70 ±										
S-4 e		10/36	.5/2		V DENSE	YELLOW BRN	CLAYEY SAND-TR GRAVEL	SC	SUB ANG WET - GRAVEL DRIVE HP-4 @ 0925 HRS TOOK BP-VPB-73 - 072073 @ 1025 HRS [1 VIAL ONLY]	0	0	0	0	
0920	72	38/31		HP-4 e 1025										
	73													
	80			80 ±										
S-5 e		5/22	1/2		V DENSE	GRAY BRN	SILTY SAND	SM	WET - MICA GRAVEL IN WASH DRIVE HP-5 @ 1100 TOOK BP-VPB-73 - 082083 @ 1150 (2 VIALS)	0	0	0	0	
1050	82	38/33		HP-5 e 1150										
	83													
	90													
	100													

8/21  
↓

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB73-B2



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/21/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)									
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**						
	100																		
S-6 e 1205	102	12/16 18/23	2/2	HP-6 e 1300	DENSE	BEN GRAY TRACE PINK	SILTY SAND - TR CLAY TOP 1' 100 → 101	SM	WET-MICA	0	0	0	0						
	103									DRIVE HP-6 @ 1210 HRS TOOK BP-VPB-73- 102103									
	110									@ 1300 (2 VIALS)					0				
	120																		
S-7 e 1330	122	9/26 36/46	1.5/2	HP-7 e 1440	V DENSE	BEN GRAY	SILTY F/M SAND	SM SP	WET w/ MICA	0	0	0	0						
	123									DRIVE HP-7 @ 1340									
	130									TOOK BP-VPB-73- 122123 @ 1440 (1 VIAL)					0				
	140																		
S-8 e 1455	142	26/34 51/42	1.7/2	HP-8 e 1600	V DENSE	GRAY YEL BRN	F/M SAND - TR SILT	SM SP	WET w/ MICA	0	0	0	0						
	143									DRIVE HP8 1500									
	150									TOOK BP-VPB-73- 142143 @ 1600 (2 VIALS)									

8/21  
8/22  
↓

\* When rock coring, enter rock brokeness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: SET 6" PVC TEMP CASING TO ± 120'  
ON 8/21/02

Drilling Area  
Background (ppm): 0

Converted to Well: Yes  No  Well I.D. #: VPB73-B3



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/21/02 / 8/22/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or ROD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole*	Driller BZ*
	150				V DENSE	YELL BRN	F/M SAND - TR SILT	SP SM	WET			0	
	160					GRAY							
S-9 @ 150	161.5	35 / 53	1-5/1.5	HP-9 @ 1000	V DENSE	YELL BRN	F/M SAND	SP SM	WET - MICA DRIVE HP-9 @ 0900	0	0	0	0
	162	100 / 76							TOOK BP-VPB-73-162163 @ 1000				
	163												
	170											0	
S10 @ 180	180	11 / 13	1/2	HP-10 @ 1120	DENSE	YELL BRN	SILTY F/M SAND	SM	WET - MICA DRIVE HP-10 @ 1030	0	0	0	0
	182	16 / 27							TOOK BP-VPB-73-182183				
	183								TOOK DUP 2 HERE ALSO.				
	190											0	
	200												

8/22  
↓

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: 5 7/8" DRAG BIT THRU 6" CASING

Drilling Area Background (ppm): 0

Converted to Well: Yes          No   ✓   Well I.D. #:         

VPB73-B4



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/22/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
S-11 e	200	14 91	1.0/1.5	HP-11 e 1250	V DENSE	BRN	F/M SAND	SP	WET W/MICA	0	0	0	0
1140	201.5	100/6					(FAIRLY "CLEAN" SAND) (e NOT MANY FINES (SILT))		DRIVE HP-11 @ 1150 HRS TOOK BP-VPB-73-202203				
	203								(2 VIALS)				
1250	210												
	220												
S-12 e		17 19	1.5/2	HP-12 e 1350	DENSE	BRN TO GRAY	SILTY SAND LAMINATED LAST 6" W/ DARK GRAY	SM / SP	WET W/MICA	0	0	0	0
1300	222	12 24							DRIVE HP-12 @ 1310 HRS TOOK BP-VPB-73-222223 @ 1350 (2 VIALS)				
	223												
1400	230												
	240												
S-13 e K15		9 41	1.6/2	HP-13 e 1535	V DENSE	BRN	SILTY SAND	SM	WET - W/MICA	0	0	0	0
	242	42 100							DRIVE HP-13 @ 1435 HRS TOOK BP-VPB-73-242243 (2 VIALS)				
	243												
	250												

\* When rock coring, enter rock brokeness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB73-B5



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/22/02 - 8/26/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	250					BRN	SILTY SAND	SM	WET / MICA	0	0	0	0
	260												
	270												
	280												
	290												
S-14 e	27 38	27 38	1/2		V DENSE	BRN GRAY	SILTY SAND	SM	WET / MICA	0	0	0	0
1550 e	262	32 29							DRIVE HP-14 e 1600 RS				
	263			HP-14 e					TOOK BP-VPB-73				
	270			1700					262263 e 1700				
	280								(1 VIAL)				
	290												
	300												
S-15 e	11 38	11 38	1/2		V DENSE	YELLOW BRN	SILTY F/M SAND	SM SP	WET W/ MICA	0	0	0	0
1210 e	282	28 50							DRIVE HP-15 e 1215 HRS.				
	283			HP-15 e					TOOK BP-VPB-73 -				
	290			1315					282283 e 1315				
	300								(2 VIALS)				

8/22  
8/26  
↓

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB73-B6





# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/26/02 - 8/27/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
S-16 e	300	43 / 53	1/1.5	HP-16 e 1440	V DENSE	YELLOW BRN	SILTY F/M SAND	SM	WET W/MICA	0	0	0	0	
1330	302	100%						SP	DRIVE HP-16 e 1340.					
	303								TOOK BP-VPB-73 e 302303 1440					
	310												0	
	320													
S-17 e	321.5	17 / 49	1/1.5	HP-17 e 1600	V DENSE	YELLOW BRN	SILTY F/M SAND	SM	WET W/MICA	0	0	0	0	
1455	322	100%					TR-GRAY CLAY LENS (VERY THIN) (1/4")	SP	DRIVE HP 17 e 1500 HRS					
	323								TOOK BP-VPB-73- e 1600 (2 VIALS)					
	330						POSSIBLE CLAY ZONE 330-340 AS PER DRILLER AND CUTTINGS.						0	
	340													
S-18 e	341	31 / 100%	0.5/1	HP-18 e 0910	V DENSE	BRN GRY	SILTY CLAY TO F/M SAND - BOTTOM	CL TO		0	0	0	0	
0800	342						1" APPEARED TO BE SAND	SM	DRIVE HP-18 e 0810 HRS					
	350								TOOK BP-VPB-73- 341342 NO SAMPLE HP WAS DRY.					

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB73-B7



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/27/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	350				V DENSE	ERN	SILTY SAND - TR CLAY	SM					0
S-19 e 0935	360 361.5 362 363	19 38 100%	.8/1.5	HP-19 e 1045	V DENSE	GRAY BRN	SILTY F SAND - TR 3/8" CLAY LENS AT ≈ 361'	SM	WET - MICA DRIVE HP-19 @ 0945 TOOK BP-VPB-73 - 362 363 e 1045 (2 VIALS)	0	0	0	0
	370												0
S-20 e	380 381.5 382 383	39 50 100%	.8/1.5	HP-20 e 1210	V DENSE	TAN BRN	SILTY F/M SAND	SM SP	WET DRIVE HP-20e 1110 HRS TOOK BP-VPB-73 - 382 383 e 1210 HRS (2 VIALS)	0	0	0	0
	390			390±			SILTY CLAY - NOTED BY DRILLER.						0
	400			397±			SAND						

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm): 0

Converted to Well: Yes \_\_\_\_\_ No ✓ Well I.D. #: \_\_\_\_\_

VPB73-B8



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/27/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
5-21 e 1225	400 401.5 402	19 95 100/5	1/1.5	HP-21 e 1340	V DENSE	BRN GRAY	SILTY F SAND - 1" DC-V. STIFF CLAY AT ± 400'	SM SP	WET W/MICA  DRIVE HP-21 e 1240 HRS TOOK BP-VPB-73- 402403 e 1340 HRS (2 VIALS)	0	0	0	0	
	403													
	410													
5-22 e 1400	420 421.5 422	28 72 100/6	1.0/1.5	HP-22 e 1510	V DENSE	STIFF TO	SILTY CLAY (TOP 6") TO	SM SP	WET W-MICA  DRIVE HP-22 e 1410 HRS TOOK BP-VPB-73- 422423 1510	0	0	0	0	
	423						V DENSE	F/M SAND						
	430													
5-23 e 1525	440 441 442	47 100/6	5/1	HP-23 e 1635	V DENSE	GRAY BRN	F/M SAND - TR 3/8" ROCK FRAG	SP SM	WET W/MICA  DRIVE HP-23 e 1535 TOOK BP-VPB-73 441442 e 1635	0	0	0	0	
	450													

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB73-89



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/28/02 WED  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	450				V DENSE	GRAY BRN	F/M SAND	SP	WET W/ MICA			0	
S-24 e 0830	460 461	59 100%	.5/1		V DENSE	GRAY BRN	F/M SAND - TR SILTY CLAY TOP 2" OF SAMPLE	SP	CLAY IS CL WET W/ MICA DRIVE HP-24 @ 0840 HRS TOOK BP-VPB-73- e 0940 461462 (2 VIALS)	0	0	0	0
	462			HP-24 e 0940									
	470												
	0950											0	
S-25 e 1005	480 481.5	26 100	.8/1.5		V DENSE	BRN TR. PINK	F/M SAND	SP	WET - MICA DRIVE HP25 @ 1020 TOOK BP-VPB-73- 482483 @ 1120 2 VIALS	0	0	0	0
	482	200/6"		HP25 e 1120									
	483												
	1130	490					SAME					0	
	500												

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB73-B10



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 8/28/02  
 GEOLOGIST: CONT.  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Fl. or Run No.)	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Fl. or Screened Interval)	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
S-26 e	500	17 39	5/5	HP-26 e 1300	DENSE	BRN GRAY	F/M SAND - TR CLAY IN "WASH"	SP	WET W/MICA	0	0	0	0
1150	501.5 502	100/6							DRIVE HP-26 e 1200				
	503								TOOK BP-VPB-73- e 1300				
	510								(1 VIAL)				
	1310												0
S-27 e	520	18 21	1/2	HP-27 e 1430	V. DENSE	GRAY	F/M SAND - TR DARK GRAY "LIGNITE" TYPE MATL. ALMOST BLACK IN COLOR	SP	WET/MICA	0	0	0	0
1320	522	58 57							DRIVE HP-27 e				
	523								TOOK BP-VPB-73- e 1430				
	530								522523 (1 VIAL)				
	1440												0
S-28 e	540	16 57	1/2	HP-28 e 1600	V. DENSE	GRAY	F/M SAND	SP	WET W/MICA	0	0	0	0
1455	542	61 54							DRIVE HP-28 e 1505				
	543								TOOK BP-VPB-73- e 1600				
	550								542543				
									DUP 4 HERE				

8/28  
↓  
8/30

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No V Well I.D. #: \_\_\_\_\_

VPB73-B11



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB- 73  
 DATE: 8/30/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	550				V DENSE	GRAY	F/M SAND	SP				0	
S-29 e 5562	560	12 19	5/2	560	DENSE	TAN	F/C SAND-TR F. GRAVEL 1/4" SUB ROUND GRAVEL	SW	WET W/ MICA DRIVE HP-29 @ 0810HRS TOOK BP-VPB-73- e 0910 562563			0	0
	563	30 28		HP-29 e 0910									
	570												0
	580												
S-30 e 582	582	16 29	5/2	580	V DENSE	TAN BRN	F/M SAND-TR C. SAND TR CLAY IN "WASH"	SP	WET / MICA DRIVE HP 30 @ 0945 TOOK BP-VPB-73- e 1040 582583			0	0
8/30 9/13	583	81 100		HP30 e 1040									
	590				STIFF/	GRAY	SILTY CLAY TO	CL	WAS DRY; NO SAMPL				
S-31 e 1415	592	10 38	1/2	590	V DENSE		F/M SAND VERY POOR REC-DIFFICULT TO LOG ACCURATELY	SP	POOR REC WET DRIVE HP-31 @ 1420HRS TOOK BP-VPB-73- e 1520 592593 (2 VIALS)			0	
	593	28		HP-31 e 1520									
	600												

\* When rock coring, enter rock brokeness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes \_\_\_\_\_ No  Well I.D. #: \_\_\_\_\_

VPB73-1312



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 9-3-02 / 9-4-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

9/4

Sample No. and Type or RQD	Depth (Fl. or Run No.)	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Fl.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
S-32 C 0745	600 601.5 602	14 17 12 16	.5 1.5	HP32 e 0950	V DENSE	TAN	F/C SAND-TR GRAVEL-CLAY	SW WET		0	0	0	0
	603								DRIVE HP-32 e 0750 TOOK BP-VPB-73- 602603				
	610												0
	620												
S-33 C 0910	622 623	7 12 27 67	.8 1.2	HP33 e 1015	V DENSE	TO OPANE BRN	F/C SAND-TR GRAVEL & CLAY BOTM OF SHOE W/FS DRANG. BRN/SANDY	SW WET	1/2" SUB ROUND DRIVE HP-33 e 0915 WRS TOOK EP-VPB-73 e 1015 622623	0	0	0	0
	630												0
	640			640									
S-34 C 1110	642 643	12 21 26 39	.8 1.2	HP34 e 1215	V DENSE	TAN	SAND AND GRAVEL 1/2" SUB ROUND GRAVEL	SW WET GW	DRIVE HP 34 e 1115 TOOK BP-VPB-73- e 1215 642643	0	0	0	0
	650								LOSING MUD				

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No  Well I.D. #: \_\_\_\_\_

VPB73-B13



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: VPB-73  
 DATE: 9-4-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
	650				V DENSE		SAND AND GRAVEL	SW /GW				0		
	660			660		LIGHT								
S-35 1315	19 28	7/2			HARD	GRAY	CLAY (SILTY) TR GRAVEL IN "WASH"	CL	DAMP		0	0	0	0
	662	40 74							DID NOT ATTEMPT HP IN THE CLAY (RARITAN)?					
	663					RED BRN			DIFFICULT DRIVING DUE TO CLAY, WHICH IS HARD AND IS CAUSING WATER PRESSURE TO BUILD UP AS IT IS CLOGGING THE DRILL RODS.					
	670								DISTINCT COLOR CHANGE ≈ 663 TO BRN RED.					
S-36 1600	28 32	5/1.5		681.5	HARD	BRN GRAY RED	CLAY (MOTTLED)	CL	DAMP → MOIST NO ATTEMPT AT HP. RARITAN CLAY?		0	0	0	0
	680	40		BOTM					BOTM OF 6" @ 680'					
									HOLE WAS E-LOGGED ON 9/4/02, BUT TOOLS ONLY REACHED 640. HOLE WAS EITHER CAVED, DUE TO GRAVELS-OR POTENTIAL "SWELLING" OF CLAY UNIT.					

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Drilling Area

Remarks: HOLE TERMINATED AT 680 - CRITERIA FOR STOPPING WAS ENCOUNTERING THE RARITAN CLAY AT ≈ 660'. Background (ppm): 0

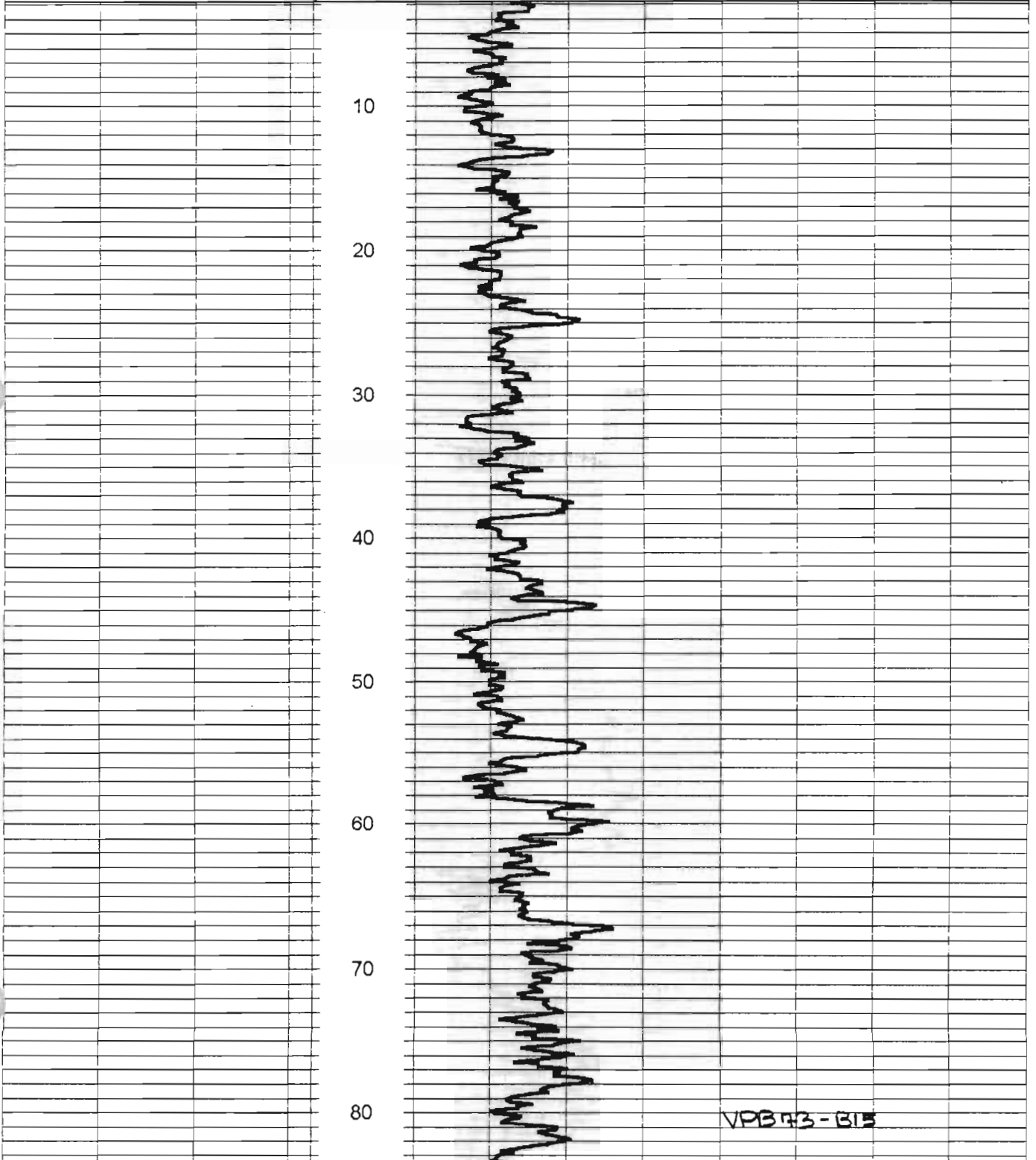
Converted to Well: Yes  No  Well I.D. #: \_\_\_\_\_

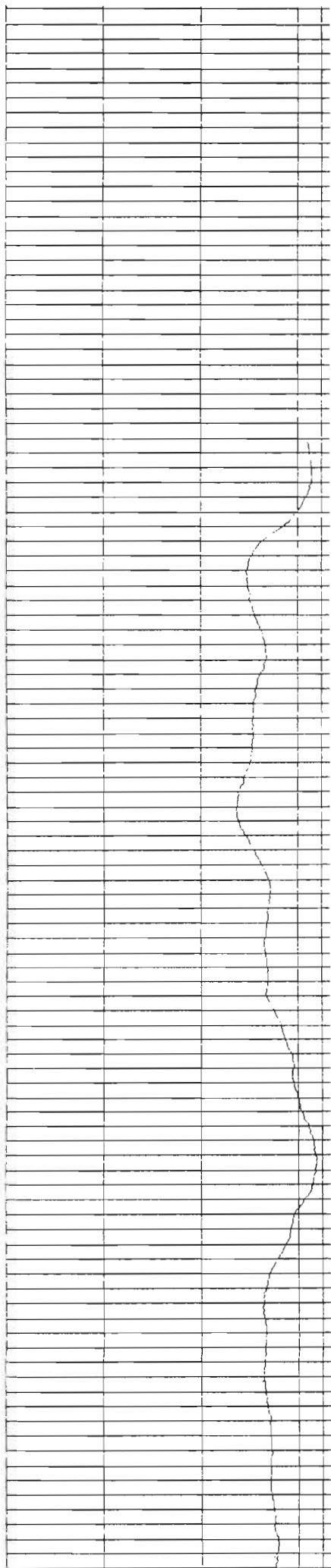
VPB73-B14



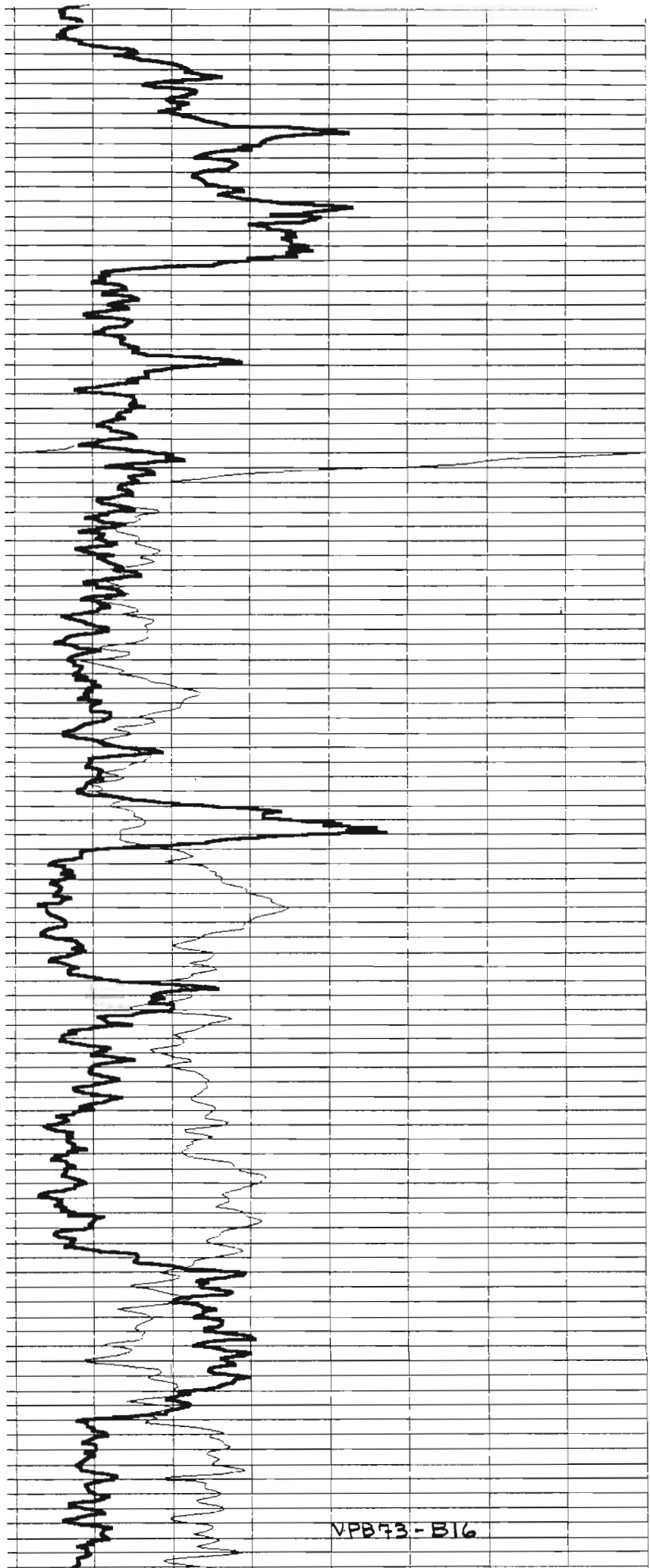
COMPANY: Uni Tech Drilling		Casing
Location: NWIRP Bethpage		
Well	VPB-73	119' 6" pvc
Date	9/4/02	
BH Fluid	bentonite	Witness: S. Conti
Logged by:	Aqua Terra Geo.	
File Name		

290	SP(mV)	-160	1880	Single Point Resistance(Ohms)	2100
			120	Natural Gamma(cps)	160

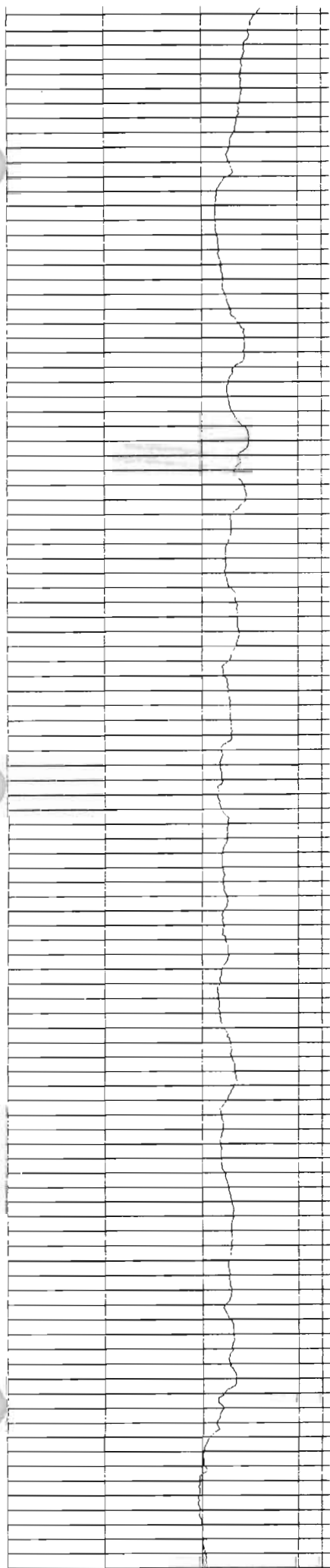




90  
100  
110  
120  
130  
140  
150  
160  
170  
180  
190



VPB73-B16



200

210

220

230

240

250

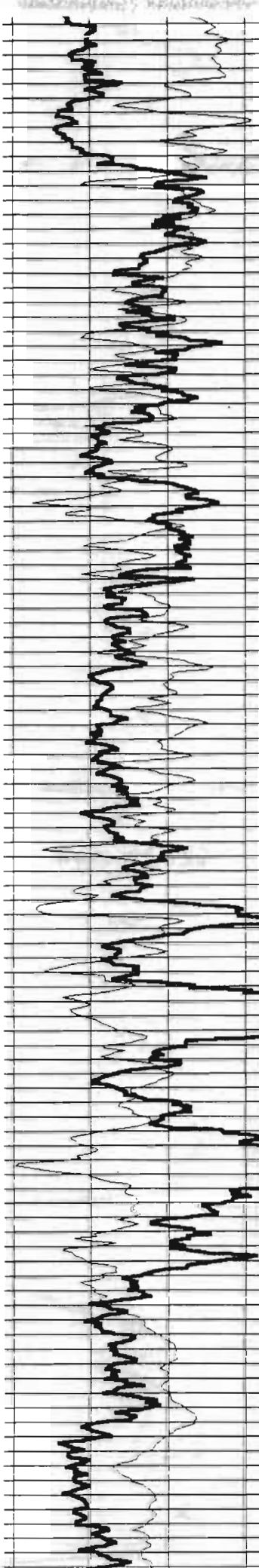
260

270

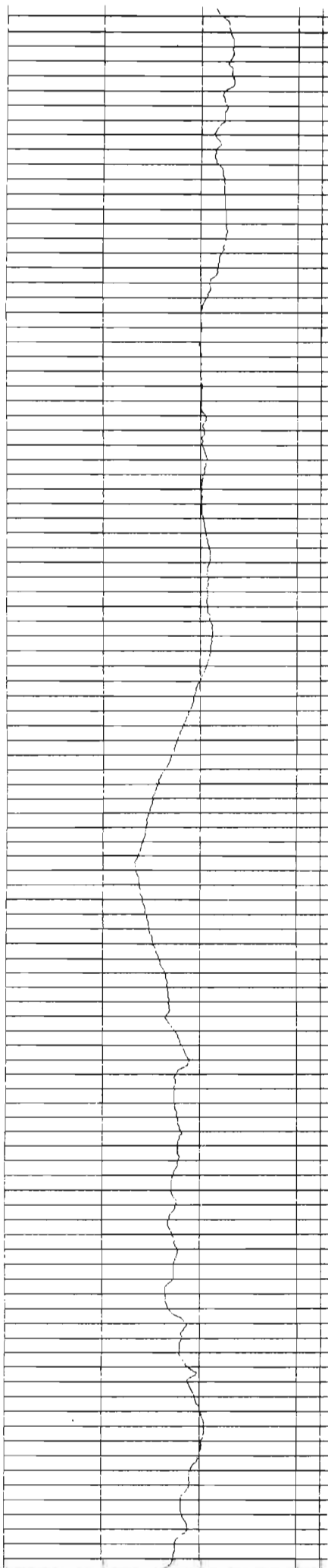
280

290

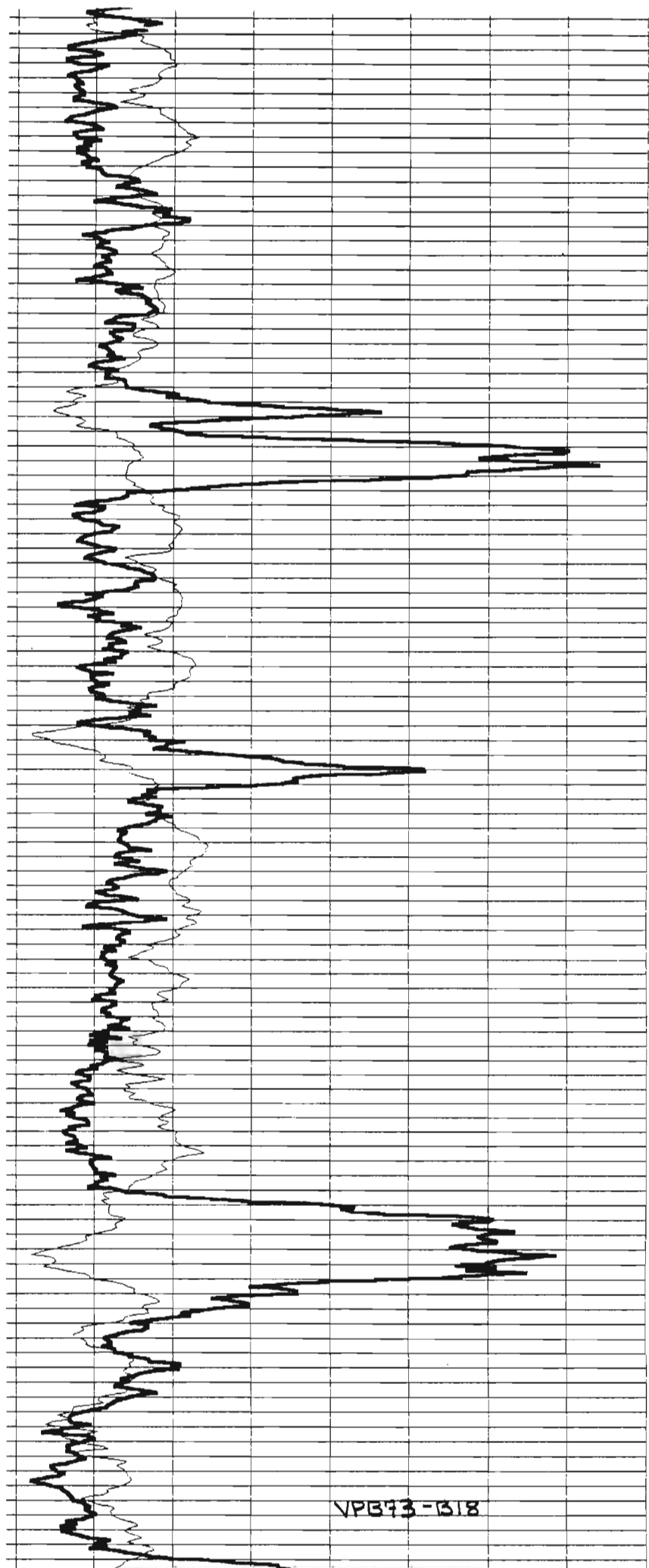
300



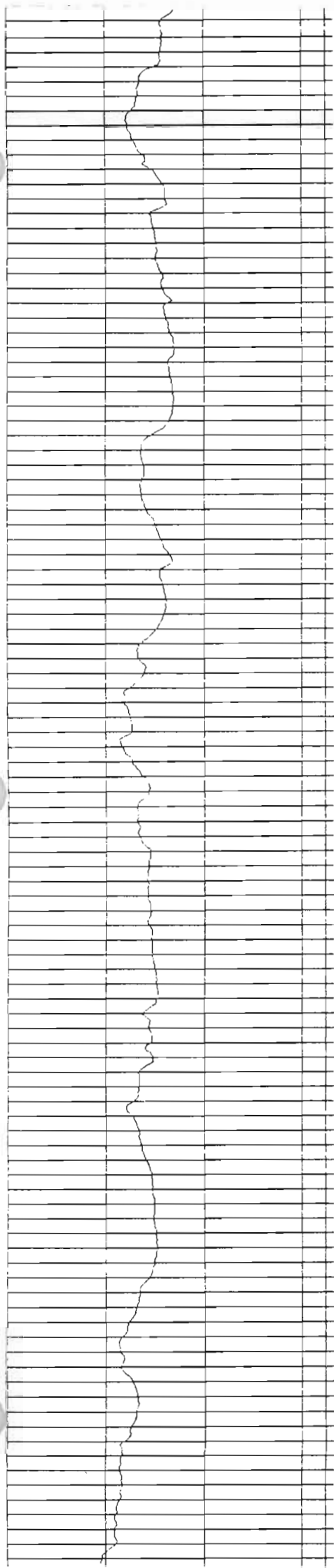
VFB73-1317



310  
320  
330  
340  
350  
360  
370  
380  
390  
400  
410



VPB43-1318



420

430

440

450

460

470

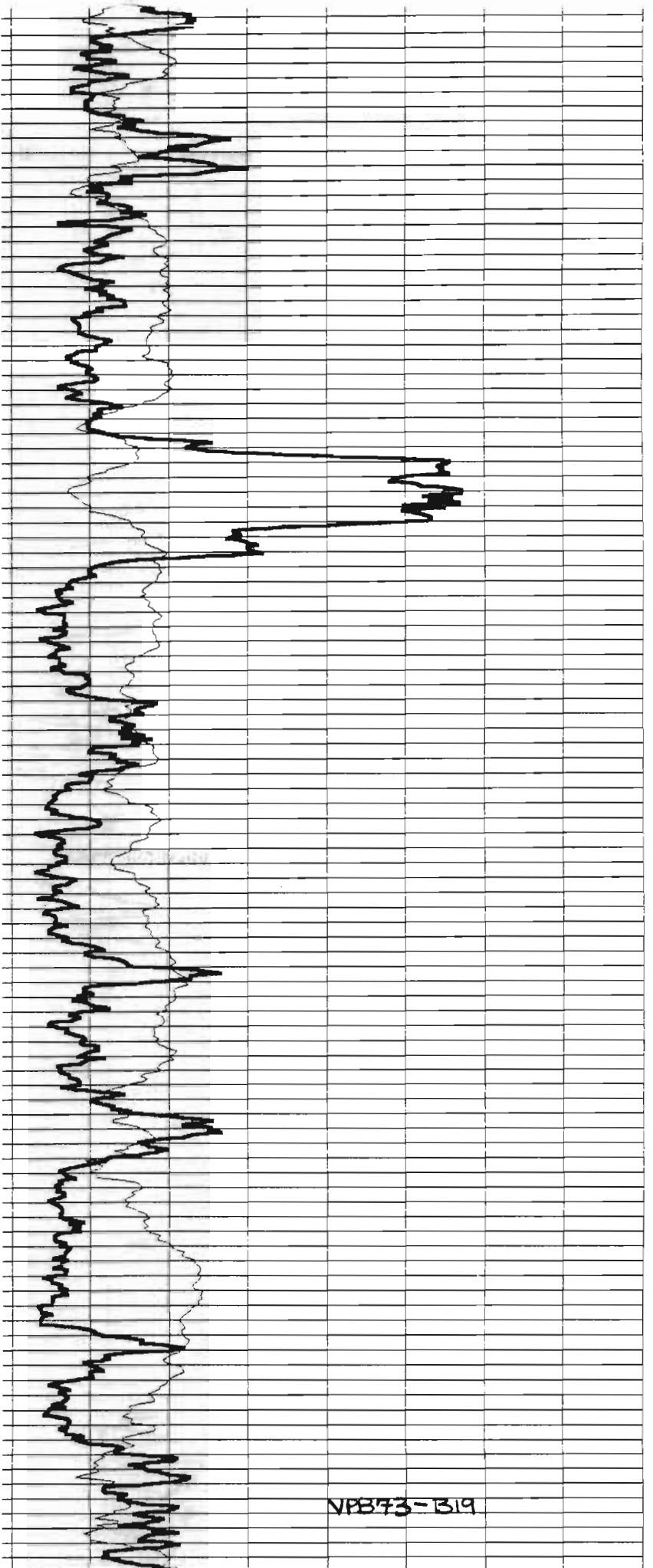
480

490

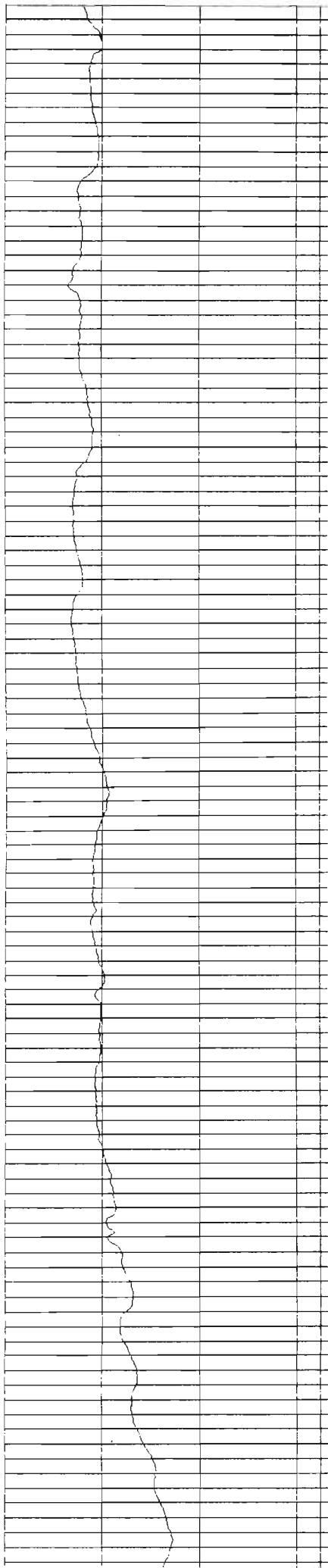
500

510

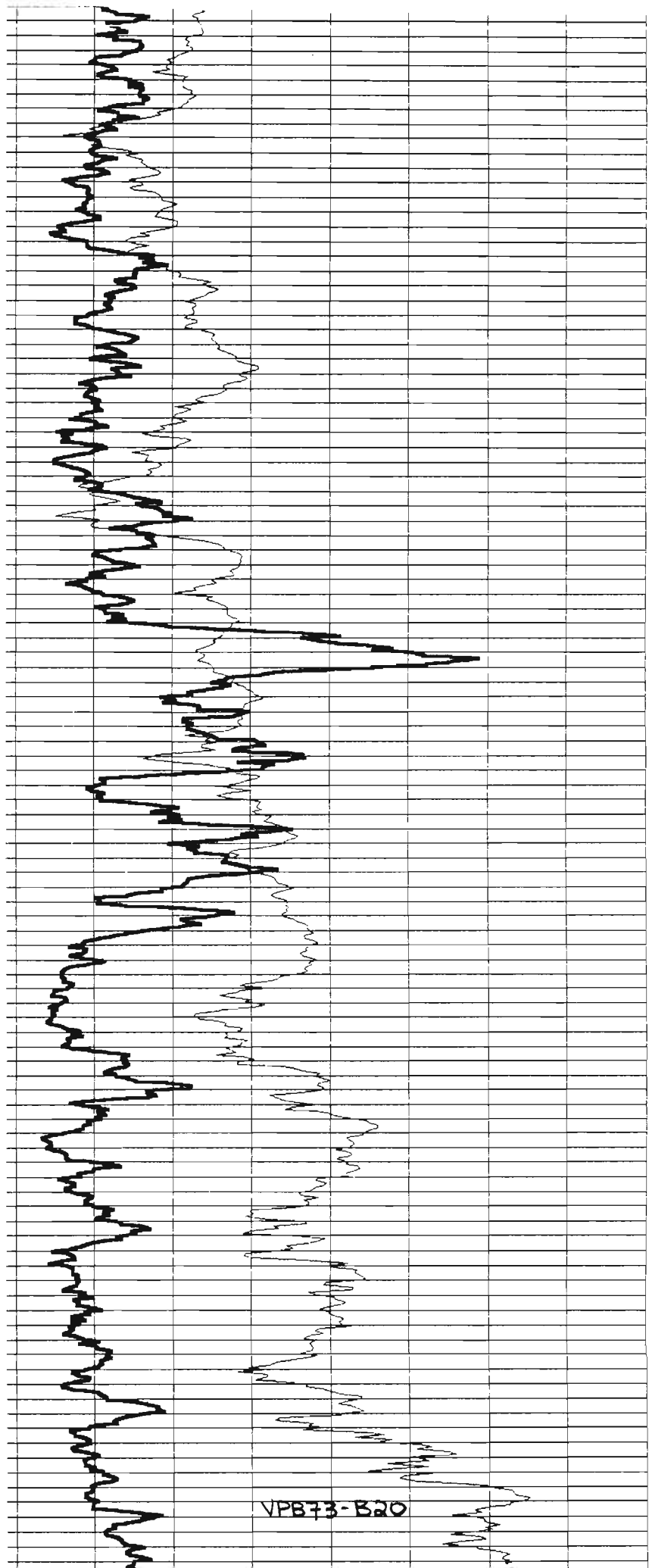
520



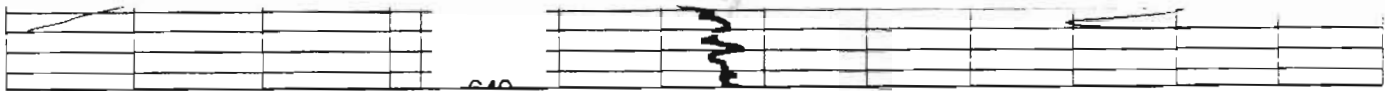
VPB73-319



530  
540  
550  
560  
570  
580  
590  
600  
610  
620  
630



VPB73-B20



VPB73-B21







Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-022023

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-082002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:
- Low Concentration
- High Concentration

**SAMPLING DATA:**

Date: <u>8/20/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1500</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	—	—	—	—	—	—	—	—

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1345 hrs TDS = — g/l

Sample depth (screened interval) = from 22 to 23 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 22 ft

- ONLY ENOUGH VOL FOR 2 VIALS

- GW/MUD MIX

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
<u>—</u>	<u>—</u>

**Signature(s):**

*SJ Conti*

VPB73-B22



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-042043

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-082002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type:
- QA Sample Type:

Vertical Profile Boring

Type of Sample:

- Low Concentration
- High Concentration

**SAMPLING DATA:**

Date: <u>8 / 20 / 02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity ‰
Time: <u>1635</u>	<u>BRN</u>	<u>6.90</u>	<u>1.63</u>	<u>26.8</u>	<u>—</u>	<u>6.07</u>	<u>162</u>	<u>0.1</u>
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	7-40 mL Glass Vials	<input checked="" type="checkbox"/> ✓
		<u>A 2 SJC</u>	<input checked="" type="checkbox"/> ✓

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1535 hrs TDS = 1.0 g/l

Sample depth (screened interval) = from 42 to 43 ft

Screen exposed to formation for 60 minutes MOSTLY GW TR. MUD

Depth of borehole prior to advancing hydropunch = 42 ft TOOK DUP.

Circle if Applicable:

Signature(s):

MS/MSD

Duplicate ID No.:

BP-VPB-73-DUP1

SJC

VPB73-B23



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-062003  
Sample Location: VPB-73  
Sampled By: SJC  
C.O.C. No.: BP-VPB-082002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:
- Low Concentration
- High Concentration

**SAMPLING DATA:**

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
<u>8/21/02</u>	—	—	—	—	—	—	—	—
<u>0905</u>								
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	NO

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0810 hrs TDS = \_\_\_\_\_ g/l

Sample depth (screened interval) = from 62 to 63 ft - SCREEN EXPOSED 12"

Screen exposed to formation for 55 minutes - NO CLAY NOTICED

Depth of borehole prior to advancing hydropunch = 62 ft - NOT ENOUGH VOL FOR EVEN 1 VOA VIAL

Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s):

*SJC*



Project Site Name:	<u>NWIRP Bethpage</u>	Sample ID No.:	<u>BP-VPB-73-012073</u>
Project No.:	<u>N4037</u>	Sample Location:	<u>VPB-73</u>
<input type="checkbox"/> Domestic Well Data		Sampled By:	<u>SJC</u>
<input type="checkbox"/> Monitoring Well Data		C.O.C. No.:	<u>BP-VPB-082002</u>
<input checked="" type="checkbox"/> Other Well Type:	<u>Vertical Profile Boring</u>	Type of Sample:	<input checked="" type="checkbox"/> Low Concentration
<input type="checkbox"/> QA Sample Type:			<input type="checkbox"/> High Concentration

## SAMPLING DATA:

Date:	<u>8 / 21 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1025</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method:	<u>Hydropunch</u>								

## PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

## SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	1 <del>2</del> -40 mL Glass Vials	<input checked="" type="checkbox"/>

## OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0925 hrs TDS = — g/l

Sample depth (screened interval) = from 72 to 73 ft — 1 VIAL ONLY

Screen exposed to formation for — minutes — GW/MUD MIX

Depth of borehole prior to advancing hydropunch = 72 ft

## Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
		<u>SJC</u>

VPB73-B25



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-082083

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-082002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:
- Low Concentration
  - High Concentration

**SAMPLING DATA:**

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
8 / 21 / 02	YEL BRN	6.92	1.41	23.7	—	5.31	130	0.1
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(ga/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (ga/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1100 hrs TDS = 0.9 g/l

Sample depth (screened interval) = from 82 to 83 ft

Screen exposed to formation for 50 minutes

Depth of borehole prior to advancing hydropunch = 82 ft

- MOSTLY GW  
- TRACE MUD ?

Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s):

*SJ Conti*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-102103  
Sample Location: VPB-73  
Sampled By: SJC  
C.O.C. No.: BP-VPB-082002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:
- Low Concentration
  - High Concentration

**SAMPLING DATA:**

Date: <u>8 / 21 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1300</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1210 hrs TDS = — g/l

Sample depth (screened interval) = from 102 to 103 ft

Screen exposed to formation for 50 minutes

Depth of borehole prior to advancing hydropunch = 102 ft

- 2 VIALS - NO PARAM  
- MOSTLY GW - TR MUD

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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Signature(s):

*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-73-122123  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>8/21/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1440</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	<u>YELLOW BRN</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>1</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1340 hrs TDS = - g/l

Sample depth (screened interval) = from 122 to 123 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 122 ft

- BARELY ENOUGH FOR 1 VIAL  
 - MOSTLY GW - TR MUD  
 - SCREEN EXP 12"

### Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s):

*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-73-142143

Sample Location: VPB-73

Sampled By: SSC

C.O.C. No.: BP-VPB-082002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

Type of Sample:

- Low Concentration
- High Concentration

### SAMPLING DATA:

Date: <u>8/21/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1600</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: <u>Hydropunch</u>	<u>Yell BRN</u>	<u>7.30</u>	<u>1.26</u>	<u>25.5</u>	<u>—</u>	<u>10.60</u>	<u>123</u>	<u>0.1</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1500 hrs TDS = 8 g/l

Sample depth (screened interval) = from 142 to 143 ft GW/MUD MIX

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 142 ft

### Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s): SJ Conti





# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-162163  
Sample Location: VPB-73  
Sampled By: SJC  
C.O.C. No.: BP-VPB-082002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:
- Low Concentration
- High Concentration

### SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
<u>8 / 22 / 02</u>	<u>YELLOW</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>1000</u>	<u>(SIC)</u>							
Method:	<u>Hydropunch</u>							

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>(2-4)</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0900 hrs TDS =    g/l

Sample depth (screened interval) = from 162 to 163 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 162 ft

- MOSTLY GW -- TR. MUD  
- ONLY ENOUGH FOR 2 VIALS

### Circle if Applicable:

MS/MSD	Duplicate ID No.:
	<u>  </u>

Signature(s): SJC



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-182183

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-083002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

- Type of Sample:
- Low Concentration
- High Concentration

**SAMPLING DATA:**

Date: <u>8/22/02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity ‰
Time: <u>1120</u>	<u>YEL BRN</u>	<u>8.40</u>	<u>1.01</u>	<u>20.71</u>	<u>—</u>	<u>12.22</u>	<u>85</u>	<u>0</u>
Method: <u>Hydropunch</u>								

**PURGE DATA:** 7.40 8/22/02

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>24</u> 2-40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1030 hrs TDS = 6 g/l

Sample depth (screened interval) = from 182 to 183 ft MOSTLY GW - TR MUD

Screen exposed to formation for 50 minutes

Depth of borehole prior to advancing hydropunch = 182 ft

Circle if Applicable:

MS/MSD Duplicate ID No.: BP-VPB-73-DUP 2

Signature(s):

*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-202203

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-082002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

- Type of Sample:
- Low Concentration
- High Concentration

### SAMPLING DATA:

Date:	<u>8 / 22 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1250</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method:	<u>Hydropunch</u>	<u>YEL BRN</u>	<u>7.11</u>	<u>.159</u>	<u>20.70</u>	<u>—</u>	<u>8.87</u>	<u>72</u>	<u>0.0</u>

### PURGE DATA:

Date:	<u>8/22/02</u>	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:									
Monitor Reading (ppm):									
Well Casing Diameter & Material Type:									
Total Well Depth (TD):									
Static Water Level (WL):									
One Casing Volume(gal/L):									
Start Purge (hrs):									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<u>2</u> ✓

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1150 hrs TDS = .10 g/l

Sample depth (screened interval) = from 202 to 203 ft MOSTLY GW

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 202 ft

### Circle if Applicable:

MS/MSD	Duplicate ID No.:
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### Signature(s):

*SJC*

VPB73-B32



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-73-222223  
 Project No.: N4037 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082002  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>8 / 22 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1350</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>BROWN</u>	<u>7.49</u>	<u>1.32</u>	<u>21.48</u>	<u>—</u>	<u>8.93</u>	<u>122</u>	<u>0.1</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1310 hrs TDS = .8 g/l  
 Sample depth (screened interval) = from 222 to 223 ft - GW/MUD MIX  
 Screen exposed to formation for 40 minutes - V. TURBID  
 Depth of borehole prior to advancing hydropunch = 222 ft

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC

MS/MSD	Duplicate ID No.:
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Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

Sample ID No.: BP-VPB-73-242243  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082002  
 Type of Sample:  
 Low Concentration  
 High Concentration

SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
8 / 22 / 02	BRN	7.67	1.38	21.45	—	8.10	135	0.1

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1435 hrs TDS = 0.9 g/l  
 Sample depth (screened interval) = from 242 to 243 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 242 ft  
 GW/MUD MIX

Circle if Applicable: MS/MSD Duplicate ID No.: \_\_\_\_\_ Signature(s): SJC Conti



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-262263  
Sample Location: VPB-73  
Sampled By: SJC  
C.O.C. No.: BP-VPB-032002

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>8 / 22 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1700</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>1</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1600 hrs TDS =    g/l

Sample depth (screened interval) = from 262 to 263 ft ONLY 1 VIAL

Screen exposed to formation for 60 minutes GW / MUD MIX

Depth of borehole prior to advancing hydropunch = 262 ft

### Circle if Applicable:

<input type="checkbox"/> MS/MSD	Duplicate ID No.: _____
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Signature(s): SJC



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-282283

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-082602

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:
- Low Concentration
- High Concentration

**SAMPLING DATA:**

Date: <u>8/26/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1315</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: <u>Hydropunch</u>	<u>YELLOW BRN</u>	<u>6.80</u>	<u>.478</u>	<u>20.76</u>	<u>—</u>	<u>5.36</u>	<u>125</u>	<u>0</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1215 hrs TDS = .31 g/l

Sample depth (screened interval) = from 282 to 283 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 282 ft

MOSTLY GW  
TR MUD

**Circle if Applicable:**

MS/MSD	Duplicate ID No.: <u>BP-VPB-73-DUP 3</u>
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**Signature(s):**

*SJC*

VPB73-B36



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-302303

Sample Location: VPB-73

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: \_\_\_\_\_
- QA Sample Type: \_\_\_\_\_

Vertical Profile Boring

Sampled By: SJC

C.O.C. No.: BP-VPB-082602

Type of Sample:

- Low Concentration
- High Concentration

### SAMPLING DATA:

Date: <u>8/26/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1440</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>Yellow</u>	<u>7.01</u>	<u>1.38</u>	<u>21.36</u>	<u>—</u>	<u>4.85</u>	<u>151</u>	<u>0.1</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2.40</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1340 hrs TDS = 0.9 g/l

Sample depth (screened interval) = from 302 to 303 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 302 ft

— GW/MUD MIX  
— GOOD VOLUME

Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s):  
SJC





Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-322323  
Sample Location: VPB-173  
Sampled By: SJC  
C.O.C. No.: BP-VPB-082602

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

- Type of Sample:
- Low Concentration
  - High Concentration

**SAMPLING DATA:**

Date: <u>8/26/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1600</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	<u>YELLOW BPA</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1500 hrs TDS = - g/l

Sample depth (screened interval) = from 322 to 323 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 322 ft

MOSTLY GW - TR MUD  
ONLY ENOUGH FOR 2  
VIALS

Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s):

*SJC Contri*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037  
 Sample ID No.: BP-VPB-73-341342  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082602  
 Type of Sample:  
 Low Concentration  
 High Concentration

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

### SAMPLING DATA:

Date: <u>8/27/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>0910</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	—	—	—	—	—	—	—	—

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	NO

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0810 hrs TDS = — g/l  
 Sample depth (screened interval) = from 341 to 342 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 341 ft

— NO SAMPLE  
 — SCREEN EXPOSED 10"  
 — TR. CLAY ON SCREEN

### Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s): <u>SJC Conti</u>
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Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-362363

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-082602

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:
- Low Concentration
- High Concentration

**SAMPLING DATA:**

Date:	<u>8/27/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1045</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method:	<u>Hydropunch</u>		<u>7.44</u>	<u>1.27</u>	<u>21.57</u>	<u>—</u>	<u>9.26</u>	<u>148</u>	<u>0.1</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0945 hrs TDS = 08 g/l

Sample depth (screened interval) = from 362 to 363 ft GW/MUD MIX

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 362 ft

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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Signature(s): SJC



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-73-382383  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082602

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:
- Low Concentration
- High Concentration

### SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
<u>8/27/02</u>	<u>YELLOW BRN</u>	<u>7.24</u>	<u>0.158</u>	<u>20.74</u>	<u>—</u>	<u>6.81</u>	<u>33</u>	<u>0</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1110 hrs TDS = 110 g/l  
 Sample depth (screened interval) = from 382 to 383 ft MOSTLY GW, TR. MUD.  
 Screen exposed to formation for 60 minutes GOOD SAMPLE - GOOD VOLUME.  
 Depth of borehole prior to advancing hydropunch = 382 ft

### Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s): SJC Conti



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-73-402403  
 Project No.: N4037 Sample Location: VPB-73  
 Domestic Well Data Sampled By: SJC  
 Monitoring Well Data C.O.C. No.: BP-VPB-082602  
 Other Well Type: Vertical Profile Boring Type of Sample:  
 QA Sample Type: \_\_\_\_\_  Low Concentration  
 High Concentration

SAMPLING DATA:									
Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity	
	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%	
8 / 27 / 02	BRN	7.09	1.29	21.45	—	4.72	103	0.1	
Time: 1340									
Method: Hydropunch									

PURGE DATA:									
Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity	
Method:									
Monitor Reading (ppm):									
Well Casing Diameter & Material Type:									
Total Well Depth (TD):									
Static Water Level (WL):									
One Casing Volume(gal/L):									
Start Purge (hrs):									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	✓

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1240 hrs TDS = .8 g/l

Sample depth (screened interval) = from 402 to 403 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 402 ft

GW/MUD MIX  
GOOD VOLUME

Circle if Applicable:		Signature(s):  <u>SJ Conte</u>
MS/MSD	Duplicate ID No.:	

VPB73-B42



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-73-422423  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082602  
 Type of Sample:  
 Low Concentration  
 High Concentration

- Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

### SAMPLING DATA:

Date: <u>8/27/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1510</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>GRAY BRN</u>	<u>7.03</u>	<u>-421</u>	<u>22.55</u>	<u>—</u>	<u>.73</u>	<u>-157</u>	<u>0</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>240</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1410 hrs TDS = .27 g/l  
 Sample depth (screened interval) = from 422 to 423 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 422 ft

— MOSTLY GW  
 — TR MUD  
 — GOOD VOLUME

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC

MS/MSD Duplicate ID No.: \_\_\_\_\_



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-441442

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-082602

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

- Type of Sample:
- Low Concentration
- High Concentration

**SAMPLING DATA:**

Date:	<u>8 / 27 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1635</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method:	<u>Hydropunch</u>	<u>GRAY BROWN</u>	<u>7.08</u>	<u>.896</u>	<u>21.00</u>	<u>—</u>	<u>4.95</u>	<u>100</u>	<u>0</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>240</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1535 hrs TDS = .57 g/l

Sample depth (screened interval) = from 441 to 442 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 441 ft

— MOSTLY GW/ TR MUD  
— GOOD VOLUME

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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**Signature(s):**

*SJC Conte*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

Sample ID No.: BP-VPB-73-461462  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-032602  
 Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>8 / 28 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>0940</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>YELLOW BROWN</u>	<u>6.87</u>	<u>.315</u>	<u>19.18</u>	<u>—</u>	<u>4.96</u>	<u>65</u>	<u>0</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0940 hrs TDS = .2 g/l

Sample depth (screened interval) = from 461 to 462 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 461 ft

- MOSTLY GW-TR MUD  
 - GOOD VOLUME.

### Circle if Applicable:

MS/MSD	Duplicate ID No.:
--------	-------------------

Signature(s):  
SJC Conti





# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-73-482483  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-083602  
 Type of Sample:  
 Low Concentration  
 High Concentration

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

### SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
<u>8 / 28 / 02</u>	<u>B2U</u>	<u>7.10</u>	<u>1.58</u>	<u>19.90</u>	<u>—</u>	<u>4.32</u>	<u>116</u>	<u>.1</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1020 hrs TDS = 1.0 g/l  
 Sample depth (screened interval) = from 482 to 483 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 482 ft

- GW/MLD MIX  
- GOOD VOLUME

### Circle if Applicable:

MS/MSD	Duplicate ID No.:
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### Signature(s):

*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-502503

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-082802

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

- Type of Sample:
- Low Concentration
  - High Concentration

### SAMPLING DATA:

Date: <u>8/28/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1300</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>1</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1200 hrs TDS = — g/l

Sample depth (screened interval) = from 502 to 503 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 502 ft

- ONLY 1 VIAL
- MUD/GW MIX
- SCREEN EXPOSED 10"
- TR CLAY ON SCREEN

Circle if Applicable:

Signature(s):

MS/MSD	Duplicate ID No.:
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*SJC*



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-73-522523  
 Project No.: N4037 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082802  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_  
 Low Concentration  
 High Concentration

SAMPLING DATA:								
Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
8 / 28 / 02	GRAY	—	—	—	—	—	—	—
Method:	Hydropunch							

PURGE DATA:								
Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	1 40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1330 hrs TDS =    g/l

Sample depth (screened interval) = from 522 to 523 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 522 ft

- ONLY 1 VIAL
- GW/MUD MIX
- SCREEN EXP. 12"
- NO CLAY NOTICED

Circle if Applicable:		Signature(s):  <i>SJC</i>
MS/MSD	Duplicate ID No.:	



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-542543

Sample Location: VPB-73

- Domestic Well Data
- Monitoring Well Data
- Other Well Type:
- QA Sample Type:

Vertical Profile Boring

Sampled By: SJC

C.O.C. No.: BP-VPB-082802

Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>8/28/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>1600</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>7.49</u>	<u>1.51</u>	<u>20.65</u>	<u>—</u>	<u>9.43</u>	<u>74</u>	<u>0.1</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<del>2</del> X 40 mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1505 hrs TDS = 1.0 g/l

Sample depth (screened interval) = from 542 to 543 ft

Screen exposed to formation for 55 minutes

Depth of borehole prior to advancing hydropunch = 542 ft

- GW/MUD MIX  
- GOOD VOLUME

### Circle if Applicable:

MS/MSD Duplicate ID No.: BP-VPB-73-DUP4

Signature(s): SJC



Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-73-562563  
 Project No.: N4037 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082802  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type:   
 Low Concentration  
 High Concentration

SAMPLING DATA:

Date:	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity ‰
8 / 30 / 02	BROWN GRAY	7.16	1.35	17.08	—	10.00	166	0.1

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
8/30/02								
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0810 hrs TDS = 0.9 g/l  
 Sample depth (screened interval) = from 562 to 563 ft  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 562 ft  
 — GW - TR MUD  
 — JUST ENOUGH VOL FOR PARAMS

Circle if Applicable: MS/MSD Duplicate ID No.: Signature(s): SJC



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

Sample ID No.: BP-VPB-73-582583  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082802  
 Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>8 / 30 / 02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity
Time: <u>1045</u>	—	—	—	—	—	—	—	—
Method: <u>Hydropunch</u>	—	—	—	—	—	—	—	—

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>240</u> mL Glass Vials	<u>NO</u>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0940 hrs TDS =    g/l

Sample depth (screened interval) = from 582 to 583 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 582 ft

- HP-WAS DRY  
 - SCREEN EXP 10"  
 - NO SIGN OF CLAY

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC Conti

MS/MSD	Duplicate ID No.:
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Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-592513

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-090302

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type: \_\_\_\_\_

Type of Sample:

Low Concentration

High Concentration

**SAMPLING DATA:**

Date:	<u>9 / 3 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>1520</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method:	<u>Hydropunch</u>	<u>GRAY</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1420 hrs TDS = — g/l

Sample depth (screened interval) = from 592 to 593 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 592 ft

- GW/MUD MIX  
- ONLY ENOUGH FOR 2 VIALS

**Circle if Applicable:**

MS/MSD	Duplicate ID No.:
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**Signature(s):**

*SJC*



Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_

Sample ID No.: BP-VPB-73-602603  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-090302  
 Type of Sample:  
 Low Concentration  
 High Concentration

SAMPLING DATA:

Date: <u>9 / 4 / 02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity ‰
Time: <u>0850</u>	<u>TAN GRAY</u>	<u>7.04</u>	<u>1.70</u>	<u>19.58</u>	<u>—</u>	<u>9.49</u>	<u>134</u>	<u>0.1</u>
Method: <u>Hydropunch</u>								

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0150 hrs TDS = 1.1 g/l  
 Sample depth (screened interval) = from 602 to 603 ft  
 Screen exposed to formation for 60 minutes - GW/MUD MIX  
 - GOOD VOLUME  
 Depth of borehole prior to advancing hydropunch = 602 ft

Circle if Applicable:

MS/MSD	Duplicate ID No.:
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Signature(s):

*SJC*





# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-73-622623  
 Project No.: N4037 Sample Location: VPB-73  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring Sampled By: SJC  
 QA Sample Type: C.O.C. No.: BP-VPB-090302  
 Type of Sample:  
 Low Concentration  
 High Concentration

SAMPLING DATA:									
Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity	
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV		
9 / 4 / 02	GRAY BDN	—	—	—	—	—	—	—	
Method:	Hydropunch								

PURGE DATA:								
Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	1 40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 0915 hrs TDS = — g/l

Sample depth (screened interval) = from 622 to 623 ft ONLY ENOUGH FOR 1 VIAL

Screen exposed to formation for 60 minutes GW - TRACE MUD

Depth of borehole prior to advancing hydropunch = 622 ft

Circle if Applicable:		Signature(s): <u>SJC</u>
MS/MSD	Duplicate ID No.:	



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-73-642643

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-090302

- Domestic Well Data
- Monitoring Well Data
- Other Well Type:
- QA Sample Type:

Vertical Profile Boring

Type of Sample:

- Low Concentration
- High Concentration

### SAMPLING DATA:

Date: <u>9/4/02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity %
Time: <u>1215</u>	<u>BRN</u>	<u>8.50</u>	<u>1.55</u>	<u>22.01</u>	<u>—</u>	<u>6.33</u>	<u>147</u>	<u>0.1</u>
Method: <u>Hydropunch</u>								

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2 (4) 120 mL Glass Vials</u> <i>SJC</i>	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1115 hrs TDS = 1.0 g/l

Sample depth (screened interval) = from 642 to 643 ft — GW/MUD MIX

Screen exposed to formation for 60 minutes — GOOD VOLUME.

Depth of borehole prior to advancing hydropunch = 642 ft

### Circle if Applicable:

MS/MSD	Duplicate ID No.: <u>BP-VPB-73-DUP5</u>	Signature(s): <u>SJC Conti</u>
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VPB73-B55



# QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage      Sample ID Number: BP-TB-082002  
 Project Number: N4037      Sampled By: SJC  
 Sample Location: VPB-73      C.O.C. Number: BP-VPB-082002  
 QA Sample Type:  
 Trip Blank       Rinsate Blank  
 Source Water Blank       Other Blank \_\_\_\_\_

SAMPLING DATA:	WATER SOURCE:
Date: <u>8/20/02</u> Time: <u>1100</u> Method: <u>LAB SUPPLIED</u>	<input checked="" type="checkbox"/> Laboratory Prepared <input type="checkbox"/> Tap <input type="checkbox"/> Purchased <input type="checkbox"/> Fire Hydrant <input type="checkbox"/> Other _____

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):	RINSATE INFORMATION (If Applicable):
Product Name: _____ Supplier: _____ Manufacturer: _____ Order Number: _____ Lot Number: _____ Expiration Date: _____	Media Type: _____ Equipment Used: _____ Equipment Type: <input type="checkbox"/> Dedicated <input type="checkbox"/> Reusable

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	2-40 mL Glass Vials	<u>YES</u> / NO
Semivolatiles	Cool 4°C		YES / <u>NO</u>
Pesticide / PCB	Cool 4°C		YES / <u>NO</u>
Metals	Cool 4°C & HNO <sub>3</sub>		YES / <u>NO</u>
Cyanide	Cool 4°C & NaOH		YES / <u>NO</u>

**OBSERVATIONS / NOTES:**

Signature(s): SJ Conti

VPB73-B56



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037

Sample ID No.: BP-VPB-73-DUP1  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082002

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: DUPLICATE

Type of Sample:  
 Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>8 / 20 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>0000</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>6.90</u>	<u>1.63</u>	<u>26.8</u>	<u>—</u>	<u>6.07</u>	<u>162</u>	<u>0.1</u>

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(ga/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (ga/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1535 hrs TDS = 1.0 g/l  
 Sample depth (screened interval) = from 42 to 43 ft MOSTLY GW-TR MUD  
 Screen exposed to formation for 60 minutes  
 Depth of borehole prior to advancing hydropunch = 42 ft

Circle if Applicable:

Signature(s):

MS/MSD

Duplicate ID No.:

DUP OF BP-VPB-73-042043



Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-73 - DUP2  
 Project No.: N4037 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082002  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: DUPLICATE Type of Sample:  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	‰
8 / 22 / 02	YELLOW	7.40	1.01	20.71	—	12.22	85	0
Method: <u>Hydropunch</u>	<u>YELLOW (32)</u>							

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	2

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1030 hrs TDS = 0.6 g/l

Sample depth (screened interval) = from 182 to 183 ft MOSTLY GW - TR MUD

Screen exposed to formation for 50 minutes

Depth of borehole prior to advancing hydropunch = 182 ft

Circle if Applicable:  MS/MSD Duplicate ID No.: DUP OF BP-VPB-73-182183 Signature(s): SJC



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037  
 Sample ID No.: BP-VPB-73-DM260  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-082002  
 Type of Sample:  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: \_\_\_\_\_  
 Low Concentration  
 High Concentration

SAMPLING DATA:									
Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity	
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%	
<u>8/22/02</u>	<u>BRN</u>	<u>8.02</u>	<u>1.58</u>	<u>22.5</u>	<u>—</u>	<u>7.39</u>	<u>135</u>	<u>0.1</u>	
<u>1345</u>									
Method:	<u>Hydropunch</u>								

PURGE DATA:								
Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**  
 Hydropunch advanced to sample depth and screen exposed at: NA hrs TDS = 1.0 g/l  
 Sample depth (screened interval) = from NA to NA ft  
 Screen exposed to formation for NA minutes  
 Depth of borehole prior to advancing hydropunch = NA ft  
 DRILLING MUD SAMPLE FROM ≈ 260'

Circle if Applicable: \_\_\_\_\_ Signature(s): SJC

MS/MSD Duplicate ID No.: \_\_\_\_\_



Project Site Name: NWIRP Bethpage Sample ID Number: BP-TB-082602  
 Project Number: N4037 Sampled By: SJC  
 Sample Location: VPB-73 C.O.C. Number: BP-VPB-082602  
 QA Sample Type:  
 Trip Blank  Rinsate Blank  
 Source Water Blank  Other Blank \_\_\_\_\_

SAMPLING DATA:	WATER SOURCE:
Date: <u>8/26/02</u> Time: <u>1045</u> Method: <u>LAB SUPPLIED</u>	<input checked="" type="checkbox"/> Laboratory Prepared <input type="checkbox"/> Tap <input type="checkbox"/> Purchased <input type="checkbox"/> Fire Hydrant <input type="checkbox"/> Other _____

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):	RINSATE INFORMATION (If Applicable):
Product Name: _____ Supplier: _____ Manufacturer: _____ Order Number: _____ Lot Number: _____ Expiration Date: _____	Media Type: _____ Equipment Used: _____ Equipment Type: <input type="checkbox"/> Dedicated <input type="checkbox"/> Reusable

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	2-40 mL Glass Vials	<input checked="" type="checkbox"/> YES / NO
Semivolatiles	Cool 4°C		YES / NO
Pesticide / PCB	Cool 4°C		YES / NO
Metals	Cool 4°C & HNO <sub>3</sub>		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

OBSERVATIONS / NOTES:

Signature(s): *S. J. Costa*

VPB73-B60



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage Sample ID No.: BP-VPB-73-DUP3  
 Project No.: N4037 Sample Location: VPB-73  
 Domestic Well Data Sampled By: SJC  
 Monitoring Well Data C.O.C. No.: BP-VPB-082602  
 Other Well Type: Vertical Profile Boring Type of Sample:  
 QA Sample Type: DUPLICATE  Low Concentration  
 High Concentration

### SAMPLING DATA:

Date: <u>8 / 26 / 02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity ‰
Time: <u>0000</u>	<u>YELLOW BLEN</u>	<u>6-80</u>	<u>478</u>	<u>20.76</u>	<u>—</u>	<u>5.36</u>	<u>125</u>	<u>0</u>
Method: <u>Hydropunch</u>								

### PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

### SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40 mL Glass Vials</u>	<input checked="" type="checkbox"/>

### OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1215 hrs TDS = 031 g/l  
 Sample depth (screened interval) = from 282 to 283 ft  
 Screen exposed to formation for 60 minutes - Mostly GW  
 - TR. MUD  
 Depth of borehole prior to advancing hydropunch = 282 ft

Circle if Applicable:  MS/MSD Duplicate ID No.: DUP OF BP-VPB-73-282283 Signature(s): SJC





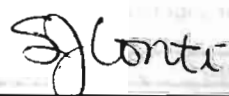
Project Site Name: NWIRP Bethpage Sample ID Number: BP-TB-082802  
 Project Number: N4037 Sampled By: SJC  
 Sample Location: VPB-73 C.O.C. Number: BP-VPB-082802  
 QA Sample Type:  
 Trip Blank  Rinsate Blank  
 Source Water Blank  Other Blank \_\_\_\_\_

SAMPLING DATA:	WATER SOURCE:
Date: <u>8/28/02</u> Time: <u>1145</u> Method: <u>NA</u>	<input checked="" type="checkbox"/> Laboratory Prepared <input type="checkbox"/> Tap <input type="checkbox"/> Purchased <input type="checkbox"/> Fire Hydrant <input type="checkbox"/> Other _____

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):	RINSATE INFORMATION (If Applicable):
Product Name: _____ Supplier: _____ Manufacturer: _____ Order Number: _____ Lot Number: _____ Expiration Date: _____	Media Type: _____ Equipment Used: _____ Equipment Type: <input type="checkbox"/> Dedicated <input type="checkbox"/> Reusable

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	2-40 mL Glass Vials	YES (NO)
Semivolatiles	Cool 4°C		YES (NO)
Pesticide / PCB	Cool 4°C		YES (NO)
Metals	Cool 4°C & HNO <sub>3</sub>		YES (NO)
Cyanide	Cool 4°C & NaOH		YES (NO)

**OBSERVATIONS / NOTES:**

Signature(s):  


VPB73-B62



# GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage  
 Project No.: N4037  
 Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: DUPLICATE

Sample ID No.: BP-VPB-73-DUP4  
 Sample Location: VPB-73  
 Sampled By: SJC  
 C.O.C. No.: BP-VPB-088802  
 Type of Sample:  
 Low Concentration  
 High Concentration

**SAMPLING DATA:**

Date:	<u>8 / 28 / 02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time:	<u>0000</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method:	<u>Hydropunch</u>	<u>BRN</u>	<u>7.49</u>	<u>1.51</u>	<u>20.65</u>	<u>-</u>	<u>9.43</u>	<u>74</u>	<u>0.1</u>

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2-40</u> mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: 1505 hrs TDS = 1.0 g/l

Sample depth (screened interval) = from 542 to 543 ft

Screen exposed to formation for 55 minutes

Depth of borehole prior to advancing hydropunch = 542 ft

- GW/MUD MIX  
- GOOD VOLUME

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
	<u>DUP OF BP-VPB-73-542543</u>	<u>SJC</u>



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-DM 560

Sample Location: VPB-73

Sampled By: SJC

C.O.C. No.: BP-VPB-082802

- Domestic Well Data
- Monitoring Well Data
- Other Well Type: Vertical Profile Boring
- QA Sample Type:

Type of Sample:

- Low Concentration
- High Concentration

**SAMPLING DATA:**

Date: <u>8/30/02</u>	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity ‰
Time: <u>0800</u>	<u>BRN</u>	<u>6.52</u>	<u>1.76</u>	<u>17.35</u>	<u>-</u>	<u>5.03</u>	<u>173</u>	<u>0.1</u>
Method: <u>Hydropunch</u>								

**PURGE DATA:**

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

**SAMPLE COLLECTION INFORMATION:**

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	<u>2</u> 40 mL Glass Vials	<input checked="" type="checkbox"/>

**OBSERVATIONS / NOTES:**

Hydropunch advanced to sample depth and screen exposed at: NA hrs TDS = 1.1 g/l

Sample depth (screened interval) = from NA to    ft DRILL MUD FROM 560'±

Screen exposed to formation for NA minutes

Depth of borehole prior to advancing hydropunch = NA ft

Circle if Applicable:

Signature(s):

MS/MSD	Duplicate ID No.:
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*SJC Conti*



Project Site Name: NWIRP Bethpage Sample ID Number: BP-TB-090302  
 Project Number: N4037 Sampled By: SJC  
 Sample Location: VPB- C.O.C. Number: BP-VPB-090302  
 QA Sample Type:  
 Trip Blank  Rinsate Blank  
 Source Water Blank  Other Blank \_\_\_\_\_

SAMPLING DATA:	WATER SOURCE:
Date: <u>9-3-02</u> Time: <u>1100</u> Method: <u>LAB SUPPLIED</u>	<input checked="" type="checkbox"/> Laboratory Prepared <input type="checkbox"/> Tap <input type="checkbox"/> Purchased <input type="checkbox"/> Fire Hydrant <input type="checkbox"/> Other _____

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):	RINSATE INFORMATION (If Applicable):
Product Name: _____ Supplier: _____ Manufacturer: _____ Order Number: _____ Lot Number: _____ Expiration Date: _____	Media Type: _____ Equipment Used: _____ Equipment Type: <input type="checkbox"/> Dedicated <input type="checkbox"/> Reusable

SAMPLE COLLECTION INFORMATION:			
Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	<u>2</u> 40 mL Glass Vials	YES/NO <u>NO</u>
Semivolatiles	Cool 4°C		YES/NO <u>NO</u>
Pesticide / PCB	Cool 4°C		YES/NO <u>NO</u>
Metals	Cool 4°C & HNO <sub>3</sub>		YES/NO <u>NO</u>
Cyanide	Cool 4°C & NaOH		YES/NO <u>NO</u>

OBSERVATIONS / NOTES:

Signature(s):



Project Site Name: NWIRP Bethpage  
Project No.: N4037

Sample ID No.: BP-VPB-73-DUP5  
Sample Location: VPB-73  
Sampled By: SJC  
C.O.C. No.: BP-VPB-090302

Domestic Well Data  
 Monitoring Well Data  
 Other Well Type: Vertical Profile Boring  
 QA Sample Type: DUPLICATE

Type of Sample:  
 Low Concentration  
 High Concentration

SAMPLING DATA:

Date: <u>9/4/02</u>	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: <u>0000</u>	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: <u>Hydropunch</u>	<u>BRN</u>	<u>8.50</u>	<u>1.55</u>	<u>22.01</u>	<u>—</u>	<u>6.33</u>	<u>147</u>	<u>0.1</u>

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Salinity
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	2-40 mL Glass Vials	<input checked="" type="checkbox"/>

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 115 hrs  
Sample depth (screened interval) = from 642 to 643 ft  
Screen exposed to formation for 6.0 minutes  
Depth of borehole prior to advancing hydropunch = 642 ft  
TDS = 1.0 g/l  
- GW/MUD MIX  
- GOOD VOLUME

Circle if Applicable:

MS/MSD Duplicate ID No.: DUP OF BP-VPB-73-642643

Signature(s):

*SJC*





TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP VPB 082002

PAGE 1 OF 2

PROJECT NO: N4037  
SAMPLERS (SIGNATURE) NWIRP BETHPAGE

SITE NAME: NWIRP BETHPAGE  
PROJECT MANAGER AND PHONE NUMBER: D BRAYACK 412 921 8375  
FIELD OPERATIONS LEADER AND PHONE NUMBER: S CONTI 412 921 8432

LABORATORY NAME AND CONTACT: ECO TEST  
ADDRESS: 631 422 5777  
CITY, STATE: N. BABYLON NY

STANDARD TAT   
RUSH TAT  24 hr.  48 hr.  72 hr.  7 day  14 day

CARRIER/BILL NUMBER: S CONTI 412 921 8432  
CARRIER: ECO TEST COURIER

CONTAINER TYPE: PLASTIC (P) or GLASS (G)  
PRESERVATIVE USED: 40C FGL 40C

DATE	TIME	MATRIX	GRAB (G) COMP (C)	NO. OF CONTAINERS	TYPE OF ANALYSIS	COMMENTS
8/20	1100	AQ	G	2	VOCs (DOMI VIAL)	
8/20	1500	GW	G	2	VOCs (DOMI VIAL)	
8/20	1635	GW	G	2	VOCs (DOMI VIAL)	
8/20	0000	GW	G	2	VOCs (DOMI VIAL)	DUP OF 042043
8/21	1025	GW	G	1	VOCs (DOMI VIAL)	
8/21	1150	GW	G	2	VOCs (DOMI VIAL)	
8/21	1300	GW	G	2	VOCs (DOMI VIAL)	
8/21	1440	GW	G	1	VOCs (DOMI VIAL)	
8/21	1600	GW	G	2	VOCs (DOMI VIAL)	
8/22	1200	GW	G	2	VOCs (DOMI VIAL)	
8/22	1120	GW	G	2	VOCs (DOMI VIAL)	
8/22	0000	GW	G	2	VOCs (DOMI VIAL)	DUP OF 182183
8/22	1250	GW	G	2	VOCs (DOMI VIAL)	

RECEIVED BY: DATE: TIME: 1. RECEIVED BY ECO-TEST COURIER. DATE: TIME: 2. RECEIVED BY DATE: TIME: 3. RECEIVED BY

COMMENTS: (VPB-73)







TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP-VPB-0826021

PAGE 1 OF 1

PROJECT NO: N4037		SITE NAME: NW/VPB - BEHPAGE		PROJECT MANAGER AND PHONE NUMBER: D BOYACK 412 921 8375		LABORATORY NAME AND CONTACT: ECO TEST	
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER: S CONTI 412 921 8452		ADDRESS: 631 422 5777		CITY, STATE: N BABYLON, NY	
STANDARD TAT <input type="checkbox"/>		RUSH TAT <input type="checkbox"/>		CONTAINER TYPE: PLASTIC (P) or GLASS (G)		PRESERVATIVE USED	
DATE		TIME		NO. OF CONTAINERS		TYPE OF ANALYSIS	
YEAR		MONTH		MATRIX		COMMENTS	
8/26	1045	BP-TB-082602	NO	G	2	2	
8/26	1315	BP-VPB-73-282353	GW	G	2	2	
8/26	0000	BP-VPB-73-DUP3	GW	G	2	2	
8/26	1440	BP-VPB-73-302303	GW	G	2	2	
8/26	1600	BP-VPB-73-332333	GW	G	2	2	
8/27	0910	BP-VPB-73-341342	GW	-	1	1	
8/27	1045	BP-VPB-73-362363	GW	G	2	2	
8/27	1210	BP-VPB-73-382353	GW	G	2	2	
8/27	1340	BP-VPB-73-402403	GW	G	2	2	
8/27	1510	BP-VPB-73-422423	GW	G	2	2	
8/27	1635	BP-VPB-73-441442	GW	G	2	2	
8/28	0940	BP-VPB-73-461462	GW	G	2	2	
8/28	1120	BP-VPB-73-482483	GW	G	2	2	
1. RELINQUISHED BY		DATE: 8/28/02		TIME: 1300		1. RECEIVED BY: ECO TEST COURIER	
2. RELINQUISHED BY		DATE		TIME		2. RECEIVED BY	
3. RELINQUISHED BY		DATE		TIME		3. RECEIVED BY	
COMMENTS							



TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP-VPB-082802

PAGE 1 OF 1

PROJECT NO: N4037		SITE NAME: NINURP BETHPAGE		PROJECT MANAGER AND PHONE NUMBER: D. BRAYACK 412 921 8375		LABORATORY NAME AND CONTACT: ECO TEST	
SAMPLERS (SIGNATURE): <i>SJ Conti</i>		FIELD OPERATIONS LEADER AND PHONE NUMBER: SJ CONTI 412 921 8422		ADDRESS: 631 422 5777		CITY, STATE: N. BABYLON NY	
STANDARD TAT <input type="checkbox"/>		RUSH TAT <input type="checkbox"/>		CONTAINER TYPE: PLASTIC (P) or GLASS (G)		PRESERVATIVE USED:	
<input type="checkbox"/> 24 hr. <input type="checkbox"/> 48 hr. <input type="checkbox"/> 72 hr. <input type="checkbox"/> 7 day <input type="checkbox"/> 14 day		(VPB 73)		NO. OF CONTAINERS		TYPE OF ANALYSIS	
DATE	TIME	MATRIX	GRAB (G) COMP (C)	NO. OF CONTAINERS	PRESERVATIVE USED	COMMENTS	
8/28	1145	AW	G	2			
8/28	1300	GW	G	1			
8/28	1430	GW	G	1			
8/28	1600	GW	G	2			
8/28	0800	GW	G	2			DUP OF 542543
8/30	0810	DM	G	2			DRILL MUD FROM 1 560'
8/30	1045	GW	G	2			NO SAMPLE HP - WAS DRY

1. RELINQUISHED BY: *SJ Conti* DATE: 8/30/00 TIME: 1300 RECEIVED BY: ECO TEST COURIER DATE: 8/30/00 TIME: 1300

2. RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME:

3. RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME:

COMMENT: NO DRILLING ON THE 29 TH (RAIN)

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FILE COPY) PINK (FILE COPY)

FORM NO. TINIUS-001 3/99

8/28 1145 1300 1430 1600 0800 0810 1045

VPB73-B70



TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP-VPB-090302

PAGE 1 OF 1

PROJECT NO: N4037		SITE NAME: NWIRP BETHPAGE		PROJECT MANAGER AND PHONE NUMBER: D BRACK 412 921 8375		LABORATORY NAME AND CONTACT: ECO TEST	
SAMPLERS (SIGNATURE) <i>SJ Conto</i>		FIELD OPERATIONS LEADER AND PHONE NUMBER: SS CONTI 412 921 8422		ADDRESS		CITY, STATE N. BABYLON NY 031 422 5377	
CARRIERWAYBILL NUMBER ECO TEST COURIER		CONTAINER TYPE PLASTIC (P) or GLASS (G)		PRESERVATIVE USED		TYPE OF ANALYSIS	
STANDARD TAT <input type="checkbox"/>		RUSH TAT <input type="checkbox"/>		NO. OF CONTAINERS		COMMENTS	
24 hr. <input type="checkbox"/> 48 hr. <input type="checkbox"/> 72 hr. <input type="checkbox"/> 7 day <input type="checkbox"/> 14 day <input type="checkbox"/>		VPB-73		MATRIX		DATE	
TIME		SAMPLE ID		GRAB (G) COMP (C)		DATE	
9/3 1100	BP-TB-090302	AW	G	2			
9/3 1500	BP-VPB-73-592573	GW	G	2			
9/4 0850	BP-VPB-73-602603	GW	G	2			
9/4 1015	BP-VPB-73-622623	GW	G	1			
9/4 1215	BP-VPB-73-642643	GW	G	2			
9/4 0000	BP-VPB-73-DUP 5	GW	G	2			
9/4	BP-VPB-73-662663			1			DUP OF 642643 DID NOT TAKE SAMPLE HERE DUE TO CLAY LAYER.
1. RELINQUISHED BY		DATE		TIME		1. RECEIVED BY	
Sj Conto		9/15/02		1300		ECO TEST COURIER	
2. RELINQUISHED BY		DATE		TIME		2. RECEIVED BY	
3. RELINQUISHED BY		DATE		TIME		3. RECEIVED BY	
COMMENTS THESE ARE THE LAST GW SAMPLES FOR THIS BORING.							
DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)							

VPB-73-B7



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.01

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02  
TIME COL'D:1100

MATRIX:Water SAMPLE: BP-TB-082002

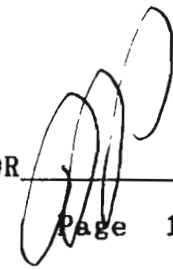
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/26/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/26/02	1	EPA8260
Chloroethane	ug/L	< 1		08/26/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/26/02	1	EPA8260
Acetone	ug/L	< 10		08/26/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/26/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/26/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/26/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/26/02	2	EPA8260
Chloroform	ug/L	< 1		08/26/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/26/02	1	EPA8260
2-Butanone	ug/L	< 10		08/26/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/26/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/26/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/26/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/26/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/26/02	1	EPA8260
Benzene	ug/L	< 1		08/26/02	1	EPA8260
Bromoform	ug/L	< 1		08/26/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/26/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/26/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/26/02	1	EPA8260
Toluene	ug/L	< 1		08/26/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/26/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/26/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30886

NYSDOH ID # 10320

Page 1 of 2

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# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.01

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/20/02 RECEIVED:08/23/02

TIME COL'D:1100

MATRIX:Water

SAMPLE: BP-TB-082002

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/26/02	1	EPA8260
Styrene	ug/L	< 1		08/26/02	1	EPA8260
o Xylene	ug/L	< 1		08/26/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/26/02	2	EPA8260
Xylene	ug/L	< 3		08/26/02	3	EPA8260
Bromomethane	ug/L	< 1		08/26/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/26/02	1	EPA8260
Freon 113	ug/L	< 1		08/26/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/26/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/26/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/26/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/26/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/26/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30887

NYSDOH ID # 10320

Page 2 of 2

VPB73-B73

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224021.02

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 08/20/02 RECEIVED: 08/23/02

TIME COL'D: 1500

MATRIX: Water SAMPLE: BP-VPB-73-022023

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	16		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30888

NYSDOH ID # 10320

Page 1 of 2

VPB73-B74

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.02

08/30/02

Tetra Tech Nus. Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/20/02 RECEIVED:08/23/02

TIME COL'D:1500

MATRIX:Water

SAMPLE: BP-VPB-73-022023

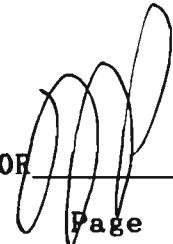
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30889

NYSDOH ID # 10320

Page 2 of 2

VPB73-B75



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.03

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/20/02 RECEIVED:08/23/02  
TIME COL'D:1635

MATRIX:Water SAMPLE: BP-VPB-73-042043

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30890

NYSDOH ID # 10320

Page 1 of 2

VPB73-1376

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.03

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/20/02 RECEIVED:08/23/02

TIME COL'D:1635

MATRIX:Water

SAMPLE: BP-VPB-73-042043


ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30891

NYSDOH ID # 10320

Page 2 of 2

VPB73-1377

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224021.04

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 08/20/02 RECEIVED: 08/23/02

TIME COL'D: 0000

MATRIX: Water

SAMPLE: BP-VPB-73-DUP-1

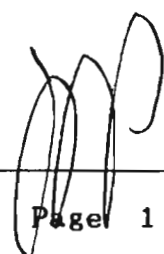
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30892

NYSDOH ID # 10320

Page 1 of 2

VPB73-B78

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.04

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/20/02 RECEIVED:08/23/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-73-DUP-1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30893

NYSDOH ID # 10320

Page 2 of 2

VPB73-B79

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.05

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/21/02 RECEIVED:08/23/02

TIME COL'D:1025

MATRIX:Water

SAMPLE: BP-VPB-73-072073

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	12		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30894

NYSDOH ID # 10320

Page 1 of 2

VPB73-B80

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.05

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02

TIME COL'D:1025

MATRIX:Water SAMPLE: BP-VPB-73-072073

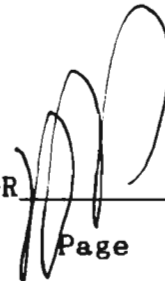
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30895

NYSDOH ID # 10320

Page 2 of 2

VPB73-B81

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.06

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/21/02 RECEIVED:08/23/02

TIME COL'D:1150

MATRIX:Water

SAMPLE: BP-VPB-73-082083

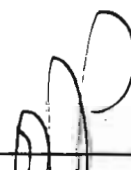
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30896

NYSDOH ID # 10320

Page 1 of 2

VPB73-B82

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224021.06

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 08/21/02 RECEIVED: 08/23/02

TIME COL'D: 1150

MATRIX: Water

SAMPLE: BP-VPB-73-082083

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30897

NYSDOH ID # 10320

Page 2 of 2

VPB73-883



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.07

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02

TIME COL'D:1300

MATRIX:Water SAMPLE: BP-VPB-73-102103

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30898

NYSDOH ID # 10320

Page 1 of 2

VPB73-B84

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224021.07

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 08/21/02 RECEIVED: 08/23/02

TIME COL'D: 1300

MATRIX: Water

SAMPLE: BP-VPB-73-102103

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

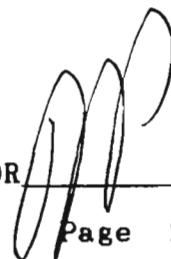
LRL=Laboratory Reporting Limit

REMARKS:

rn = 30899

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB 73- B85

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.08

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02

MATRIX:Water

SAMPLE: BP-VPB-73-122123

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30900

NYSDOH ID # 10320

Page 1 of 2

VPB73-1386

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.08

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/21/02 RECEIVED:08/23/02

TIME COL'D:1440

MATRIX:Water

SAMPLE: BP-VPB-73-122123

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30901

NYSDOH ID # 10320

Page 2 of 2

VPB73-B87

# ECOTEST LABORATORIES, INC.

OTAI

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.09

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/21/02 RECEIVED:08/23/02

TIME COL'D:1600

MATRIX:Water

SAMPLE: BP-VPB-73-142143

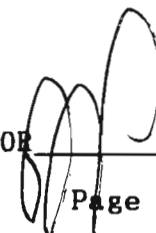
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30902

NYSDOH ID # 10320

Page 1 of 2

VPB73-388

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.09

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/21/02 RECEIVED:08/23/02

TIME COL'D:1600

MATRIX:Water

SAMPLE: BP-VPB-73-142143

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30903

NYSDOH ID # 10320

Page 2 of 2

VPB73-389

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.10

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1000

MATRIX:Water

SAMPLE: BP-VPB-73-162163

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30904

NYSDOH ID # 10320

Page 1 of 2

VPB73-B90

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.10

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1000

MATRIX:Water

SAMPLE: BP-VPB-73-162163

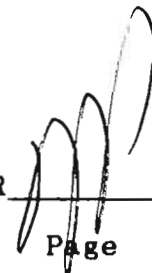
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 2		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30905

NYSDOH ID # 10320

Page 2 of 2

VPB73-B91



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.11

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02  
TIME COL'D:1120

MATRIX:Water SAMPLE: BP-VPB-73-182183

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30906

NYSDOH ID # 10320

Page 1 of 2

VPB73-B92

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.11

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1120

MATRIX:Water

SAMPLE: BP-VPB-73-182183

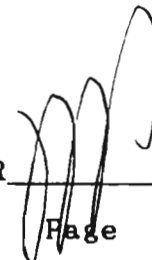
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 2		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30907

NYSDOH ID # 10320

Page 2 of 2

VPB73-1393

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.12

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-73-DUP-2

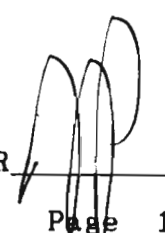
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30908

NYSDOH ID # 10320

Page 1 of 2

VPB73-B94

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.12

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

P0#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-73-DUP-2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 2		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30909

NYSDOH ID # 10320

Page 2 of 2

VPB73-B95

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.13

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1250

MATRIX:Water

SAMPLE: BP-VPB-73-202203

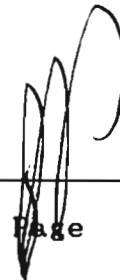
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30910

NYSDOH ID # 10320

Page 1 of 2

VPB73-396

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.13

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1250

MATRIX:Water

SAMPLE: BP-VPB-73-202203

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 30911

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B97

# ECOTEST LABORATORIES, INC.

TOTAL

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.14

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1350

MATRIX:Water

SAMPLE: BP-VPB-73-222223

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30912

NYSDOH ID # 10320

Page 1 of 2

VPB73-B98

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.14

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1350

MATRIX:Water

SAMPLE: BP-VPB-73-222223

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 30913

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B99



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.15

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1535

MATRIX:Water

SAMPLE: BP-VPB-73-242243

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30914

NYSDOH ID # 10320

Page 1 of 2

VPB73-B100

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.15

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1535

MATRIX:Water

SAMPLE: BP-VPB-73-242243

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 30915

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B101

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.16

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1545

MATRIX:Water

SAMPLE: BP-VPB-73-DM260

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30916

NYSDOH ID # 10320

Page 1 of 2

VPB73-B102

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224021.16

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 08/22/02 RECEIVED: 08/23/02  
TIME COL'D: 1545

MATRIX: Water SAMPLE: BP-VPB-73-DM260

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 30917

NYSDOH ID # 10320

Page 2 of 2

VPB73-B103

# ECOTEST LABORATORIES, INC.

ROTARY ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.17

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1700

MATRIX:Water

SAMPLE: BP-VPB-73-262263

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/27/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/27/02	1	EPA8260
Chloroethane	ug/L	< 1		08/27/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/27/02	1	EPA8260
Acetone	ug/L	< 10		08/27/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/27/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/27/02	2	EPA8260
Chloroform	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/27/02	1	EPA8260
2-Butanone	ug/L	< 10		08/27/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/27/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/27/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/27/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/27/02	1	EPA8260
Benzene	ug/L	< 1		08/27/02	1	EPA8260
Bromoform	ug/L	< 1		08/27/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/27/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/27/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/27/02	1	EPA8260
Toluene	ug/L	< 1		08/27/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/27/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 30918

NYSDOH ID # 10320

Page 1 of 2

VPB73-B104

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224021.17

08/30/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/22/02 RECEIVED:08/23/02

TIME COL'D:1700

MATRIX:Water

SAMPLE: BP-VPB-73-262263

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/27/02	1	EPA8260
Styrene	ug/L	< 1		08/27/02	1	EPA8260
o Xylene	ug/L	< 1		08/27/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/27/02	2	EPA8260
Xylene	ug/L	< 3		08/27/02	3	EPA8260
Bromomethane	ug/L	< 1		08/27/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/27/02	1	EPA8260
Freon 113	ug/L	< 1		08/27/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/27/02	1	EPA8260
Dichlorodifluomethane	ug/L	< 1		08/27/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/27/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/27/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 30919

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B105

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.01

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02

TIME COL'D:1045

MATRIX:Water SAMPLE: BP-TB-082602

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/01	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/01	1	EPA8260
Chloroethane	ug/L	< 1		08/29/01	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/01	1	EPA8260
Acetone	ug/L	< 10		08/29/01	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/01	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/01	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/01	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/01	2	EPA8260
Chloroform	ug/L	< 1		08/29/01	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/01	1	EPA8260
2-Butanone	ug/L	< 10		08/29/01	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/01	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/01	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/01	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/01	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/01	1	EPA8260
Benzene	ug/L	< 1		08/29/01	1	EPA8260
Bromoform	ug/L	< 1		08/29/01	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/01	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/01	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/29/01	1	EPA8260
Toluene	ug/L	< 1		08/29/01	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/01	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/01	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31441

NYSDOH ID # 10320

Page 1 of 2

VPB73-B106

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.01

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/26/02 RECEIVED:08/28/02

TIME COL'D:1045

MATRIX:Water

SAMPLE: BP-TB-082602

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/01	1	EPA8260
Styrene	ug/L	< 1		08/29/01	1	EPA8260
o Xylene	ug/L	< 1		08/29/01	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/01	2	EPA8260
Xylene	ug/L	< 3		08/29/01	3	EPA8260
Bromomethane	ug/L	< 1		08/29/01	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/01	1	EPA8260
Freon 113	ug/L	< 1		08/29/01	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/01	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/01	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/01	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/01	1	EPA8260
Trichloroethene	ug/L	< 1		08/29/01	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31442

NYSDOH ID # 10320

Page 2 of 2

VPB73 - B107



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224088.02

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 08/26/02 RECEIVED: 08/28/02

TIME COL'D: 1315

MATRIX: Water

SAMPLE: BP-VPB-73-282283

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 1 of 2

rn = 31443

NYSDOH ID # 10320

VPB73-3108

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.02

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

P0#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/26/02 RECEIVED:08/28/02

TIME COL'D:1315

MATRIX:Water

SAMPLE: BP-VPB-73-282283

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 31444

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB73-B109

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.03

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/26/02 RECEIVED:08/28/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-73-DUP3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31445

NYSDOH ID # 10320

Page 1 of 2

VPB73-B110

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224088.03 09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 08/26/02 RECEIVED: 08/28/02

TIME COL'D: 0000

MATRIX: Water

SAMPLE: BP-VPB-73-DUP3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31446

NYSDOH ID # 10320

Page 2 of 2

VPB73-B111

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.04

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/26/02 RECEIVED:08/28/02

TIME COL'D:1440

MATRIX:Water SAMPLE: BP-VPB-73-302303

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31447

NYSDOH ID # 10320

Page 1 of 2

VPB73-B112

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.04

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/26/02 RECEIVED:08/28/02

TIME COL'D:1440

MATRIX:Water

SAMPLE: BP-VPB-73-302303

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 31448

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-8113

# ECOTEST LABORATORIES, INC.

STARBUCK ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224088.05

20 09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 08/26/02 RECEIVED: 08/28/02

TIME COL'D: 1600

MATRIX: Water

SAMPLE: BP-VPB-73-322323

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31449

NYSDOH ID # 10320

Page 1 of 2

VPB73-B114

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO. 224088.05 09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 08/26/02 RECEIVED: 08/28/02

TIME COL'D: 1600

MATRIX: Water

SAMPLE: BP-VPB-73-322323

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 31450

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B115



# ECOTEST LABORATORIES, INC.

PHOTO

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.06

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/27/02 RECEIVED:08/28/02

TIME COL'D:1045

MATRIX:Water

SAMPLE: BP-VPB-73-362363

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	3		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31451

NYSDOH ID # 10320

Page 1 of 2

VPB73-B116

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.06

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/27/02 RECEIVED:08/28/02

TIME COL'D:1045

MATRIX:Water

SAMPLE: BP-VPB-73-362363

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 1		08/29/02	2	EPA8260
Xylene	ug/L	< 10		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 10		08/29/02	1	EPA8260
Trichloroethene	ug/L	3		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31452

NYSDOH ID # 10320

Page 2 of 2

VPB73-B117

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.07

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02  
TIME COL'D:1210

MATRIX:Water SAMPLE: BP-VPB-73-382383

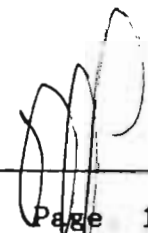
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31453

NYSDOH ID # 10320

Page 1 of 2

VPB73-B118

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.07

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/27/02 RECEIVED:08/28/02

TIME COL'D:1210

MATRIX:Water

SAMPLE: BP-VPB-73-382383

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	9		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 31454

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB73-B119

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.08

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02

TIME COL'D:1340

MATRIX:Water

SAMPLE: BP-VPB-73-402403

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	3		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31455

NYSDOH ID # 10320

Page 1 of 2

VPB73-B120

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224088.08

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 08/27/02 RECEIVED: 08/28/02

TIME COL'D: 1340

MATRIX: Water

SAMPLE: BP-VPB-73-402403

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	40		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 31456

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B121

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.09

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/27/02 RECEIVED:08/28/02

TIME COL'D:1510

MATRIX:Water

SAMPLE: BP-VPB-73-422423

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	5		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 1 of 2

rn = 31457

NYSDOH ID # 10320

VPB73-B122

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.224088.09

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/27/02 RECEIVED:08/28/02

TIME COL'D:1510

MATRIX:Water

SAMPLE: BP-VPB-73-422423

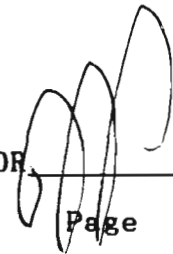
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	420		08/30/02	50	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31458

NYSDOH ID # 10320

Page 2 of 2

VPB73-B123



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.10

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/27/02 RECEIVED:08/28/02

TIME COL'D:1635

MATRIX:Water

SAMPLE: BP-VPB-73-441442

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	2		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31459

NYSDOH ID # 10320

Page 1 of 2

VPB73-B124

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com  
LAB NO.224088.10 09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/27/02 RECEIVED:08/28/02  
TIME COL'D:1635

MATRIX:Water SAMPLE: BP-VPB-73-441442

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	13		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 31460

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B125

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.11

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

P0#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/28/02

TIME COL'D:0940

MATRIX:Water SAMPLE: BP-VPB-73-461462

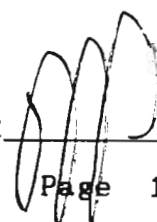
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	4		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31461

NYSDOH ID # 10320

Page 1 of 2

VPB73-B126

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.11

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/28/02 RECEIVED:08/28/02

TIME COL'D:0940

MATRIX:Water

SAMPLE: BP-VPB-73-461462

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	370		08/30/02	50	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31462

NYSDOH ID # 10320

Page 2 of 2

VPB73-B127

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.12

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/28/02

TIME COL'D:1120

MATRIX:Water SAMPLE: BP-VPB-73-482483

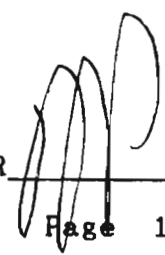
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		08/29/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		08/29/02	1	EPA8260
Chloroethane	ug/L	< 1		08/29/02	1	EPA8260
Methylene Chloride	ug/L	< 1		08/29/02	1	EPA8260
Acetone	ug/L	< 10		08/29/02	10	EPA8260
Carbon disulfide	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		08/29/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		08/29/02	2	EPA8260
Chloroform	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		08/29/02	1	EPA8260
2-Butanone	ug/L	< 10		08/29/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		08/29/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		08/29/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		08/29/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		08/29/02	1	EPA8260
Benzene	ug/L	< 1		08/29/02	1	EPA8260
Bromoform	ug/L	< 1		08/29/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		08/29/02	10	EPA8260
2-Hexanone	ug/L	< 10		08/29/02	10	EPA8260
Tetrachloroethene	ug/L	5		08/29/02	1	EPA8260
Toluene	ug/L	< 1		08/29/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		08/29/02	1	EPA8260
Chlorobenzene	ug/L	< 1		08/29/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31463

NYSDOH ID # 10320

Page 1 of 2

VPB73-B128

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224088.12

09/04/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/28/02  
TIME COL'D:1120

MATRIX:Water SAMPLE: BP-VPB-73-482483

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		08/29/02	1	EPA8260
Styrene	ug/L	< 1		08/29/02	1	EPA8260
o Xylene	ug/L	< 1		08/29/02	1	EPA8260
m + p Xylene	ug/L	< 2		08/29/02	2	EPA8260
Xylene	ug/L	< 3		08/29/02	3	EPA8260
Bromomethane	ug/L	< 1		08/29/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		08/29/02	1	EPA8260
Freon 113	ug/L	< 1		08/29/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		08/29/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		08/29/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		08/29/02	1	EPA8260
Trichloroethene	ug/L	14		08/29/02	1	EPA8260

cc:

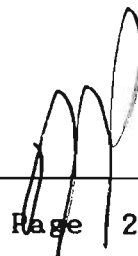
LRL=Laboratory Reporting Limit

REMARKS:

rn = 31464

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB73-B129

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.01

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02

TIME COL'D:1145

MATRIX:Water

SAMPLE: BP-TB-082802

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/02/02	1	EPA8260
Chloroethane	ug/L	< 1		09/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/02/02	1	EPA8260
Acetone	ug/L	< 10		09/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/02/02	2	EPA8260
Chloroform	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
2-Butanone	ug/L	< 10		09/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Benzene	ug/L	< 1		09/02/02	1	EPA8260
Bromoform	ug/L	< 1		09/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/02/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/02/02	1	EPA8260
Toluene	ug/L	< 1		09/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31670

NYSDOH ID # 10320

Page 1 of 2

VPB73-B130

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.01

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/28/02 RECEIVED:08/30/02

TIME COL'D:1145

MATRIX:Water

SAMPLE: BP-TB-082802

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/02/02	1	EPA8260
Styrene	ug/L	< 1		09/02/02	1	EPA8260
o Xylene	ug/L	< 1		09/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/02/02	2	EPA8260
Xylene	ug/L	< 3		09/02/02	3	EPA8260
Bromomethane	ug/L	< 1		09/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/02/02	1	EPA8260
Freon 113	ug/L	< 1		09/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 31671

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B131



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 224127.02

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D: 08/28/02 RECEIVED: 08/30/02

TIME COL'D: 1300

MATRIX: Water SAMPLE: BP-VPB-73-502503

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/02/02	1	EPA8260
Chloroethane	ug/L	< 1		09/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/02/02	1	EPA8260
Acetone	ug/L	< 10		09/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/02/02	2	EPA8260
Chloroform	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
2-Butanone	ug/L	< 10		09/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Benzene	ug/L	< 1		09/02/02	1	EPA8260
Bromoform	ug/L	< 1		09/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/02/02	10	EPA8260
Tetrachloroethene	ug/L	2		09/02/02	1	EPA8260
Toluene	ug/L	< 1		09/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 1 of 2

rn = 31672

NYSDOH ID # 10320

VPB73-B132

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.02

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/28/02 RECEIVED:08/30/02

TIME COL'D:1300

MATRIX:Water

SAMPLE: BP-VPB-73-502503

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/02/02	1	EPA8260
Styrene	ug/L	< 1		09/02/02	1	EPA8260
o Xylene	ug/L	< 1		09/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/02/02	2	EPA8260
Xylene	ug/L	< 3		09/02/02	3	EPA8260
Bromomethane	ug/L	< 1		09/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/02/02	1	EPA8260
Freon 113	ug/L	< 1		09/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
Trichloroethene	ug/L	33		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31673

NYSDOH ID # 10320

Page 2 of 2

VPB73-B133

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.03

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02  
TIME COL'D:1430

MATRIX:Water SAMPLE: BP-VPB-73-522523

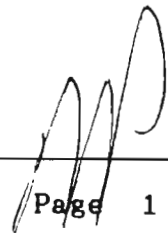
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/02/02	1	EPA8260
Chloroethane	ug/L	< 1		09/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/02/02	1	EPA8260
Acetone	ug/L	< 10		09/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	1		09/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	2		09/02/02	2	EPA8260
Chloroform	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
2-Butanone	ug/L	< 10		09/02/02	10	EPA8260
111 Trichloroethane	ug/L	1		09/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Benzene	ug/L	< 1		09/02/02	1	EPA8260
Bromoform	ug/L	< 1		09/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/02/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/02/02	1	EPA8260
Toluene	ug/L	< 1		09/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31674

NYSDOH ID # 10320

Page 1 of 2

VPB73-B134

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.03

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02

TIME COL'D:1430

MATRIX:Water SAMPLE: BP-VPB-73-522523

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/02/02	1	EPA8260
Styrene	ug/L	< 1		09/02/02	1	EPA8260
o Xylene	ug/L	< 1		09/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/02/02	2	EPA8260
Xylene	ug/L	< 3		09/02/02	3	EPA8260
Bromomethane	ug/L	< 1		09/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/02/02	1	EPA8260
Freon 113	ug/L	< 1		09/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
Trichloroethene	ug/L	330		09/02/02	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31675

NYSDOH ID # 10320

Page 2 of 2

VPB73-B135

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.04

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

P0#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/28/02 RECEIVED:08/30/02

TIME COL'D:1600

MATRIX:Water

SAMPLE: BP-VPB-73-542543

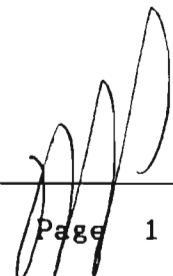
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/02/02	1	EPA8260
Chloroethane	ug/L	< 1		09/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/02/02	1	EPA8260
Acetone	ug/L	< 10		09/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/02/02	2	EPA8260
Chloroform	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
2-Butanone	ug/L	< 10		09/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Benzene	ug/L	< 1		09/02/02	1	EPA8260
Bromoform	ug/L	< 1		09/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/02/02	10	EPA8260
Tetrachloroethene	ug/L	2		09/02/02	1	EPA8260
Toluene	ug/L	< 1		09/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31676

NYSDOH ID # 10320

Page 1 of 2

VPB73-B136

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.04

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/28/02 RECEIVED:08/30/02

TIME COL'D:1600

MATRIX:Water

SAMPLE: BP-VPB-73-542543

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/02/02	1	EPA8260
Styrene	ug/L	< 1		09/02/02	1	EPA8260
o Xylene	ug/L	< 1		09/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/02/02	2	EPA8260
Xylene	ug/L	< 3		09/02/02	3	EPA8260
Bromomethane	ug/L	< 1		09/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/02/02	1	EPA8260
Freon 113	ug/L	< 1		09/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
Trichloroethene	ug/L	60		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 31677

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-8137

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.05

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/28/02 RECEIVED:08/30/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-73-DUP4

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/02/02	1	EPA8260
Chloroethane	ug/L	< 1		09/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/02/02	1	EPA8260
Acetone	ug/L	< 10		09/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/02/02	2	EPA8260
Chloroform	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
2-Butanone	ug/L	< 10		09/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Benzene	ug/L	< 1		09/02/02	1	EPA8260
Bromoform	ug/L	< 1		09/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/02/02	10	EPA8260
Tetrachloroethene	ug/L	2		09/02/02	1	EPA8260
Toluene	ug/L	< 1		09/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 31678

NYSDOH ID # 10320

Page 1 of 2

VPB73-B138

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.05

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/28/02 RECEIVED:08/30/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-73-DUP4

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/02/02	1	EPA8260
Styrene	ug/L	< 1		09/02/02	1	EPA8260
o Xylene	ug/L	< 1		09/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/02/02	2	EPA8260
Xylene	ug/L	< 3		09/02/02	3	EPA8260
Bromomethane	ug/L	< 1		09/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/02/02	1	EPA8260
Freon 113	ug/L	< 1		09/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
Trichloroethene	ug/L	58		09/02/02	1	EPA8260

cc:


LRL=Laboratory Reporting Limit

REMARKS:

rn = 31679

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB 73- B139



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.06

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

P0#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/30/02 RECEIVED:08/30/02

TIME COL'D:0800

MATRIX:Water

SAMPLE: BP-VPB-73-DM560

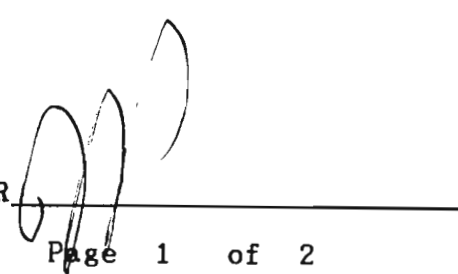
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/02/02	1	EPA8260
Chloroethane	ug/L	< 1		09/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/02/02	1	EPA8260
Acetone	ug/L	< 10		09/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/02/02	2	EPA8260
Chloroform	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
2-Butanone	ug/L	< 10		09/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Benzene	ug/L	< 1		09/02/02	1	EPA8260
Bromoform	ug/L	< 1		09/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/02/02	10	EPA8260
Tetrachloroethene	ug/L	1		09/02/02	1	EPA8260
Toluene	ug/L	< 1		09/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31680

NYSDOH ID # 10320

Page 1 of 2

VPB73-B140

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.06

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/30/02 RECEIVED:08/30/02

TIME COL'D:0800

MATRIX:Water

SAMPLE: BP-VPB-73-DM560

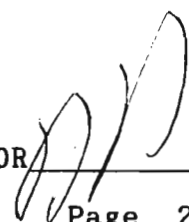
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/02/02	1	EPA8260
Styrene	ug/L	< 1		09/02/02	1	EPA8260
o Xylene	ug/L	< 1		09/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/02/02	2	EPA8260
Xylene	ug/L	< 3		09/02/02	3	EPA8260
Bromomethane	ug/L	< 1		09/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/02/02	1	EPA8260
Freon 113	ug/L	< 1		09/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
Trichloroethene	ug/L	10		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 31681

NYSDOH ID # 10320

Page 2 of 2

VPB73-B141

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.07

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP. Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:08/30/02 RECEIVED:08/30/02

TIME COL'D:0910

MATRIX:Water

SAMPLE: BP-VPB-73-562563

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/02/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/02/02	1	EPA8260
Chloroethane	ug/L	< 1		09/02/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/02/02	1	EPA8260
Acetone	ug/L	< 10		09/02/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/02/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/02/02	2	EPA8260
Chloroform	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/02/02	1	EPA8260
2-Butanone	ug/L	< 10		09/02/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/02/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/02/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/02/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/02/02	1	EPA8260
Benzene	ug/L	< 1		09/02/02	1	EPA8260
Bromoform	ug/L	< 1		09/02/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/02/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/02/02	10	EPA8260
Tetrachloroethene	ug/L	2		09/02/02	1	EPA8260
Toluene	ug/L	< 1		09/02/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/02/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 1 of 2

rn = 31682

NYSDOH ID # 10320

VPB73-B142

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224127.07

09/05/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:08/30/02 RECEIVED:08/30/02

TIME COL'D:0910

MATRIX:Water

SAMPLE: BP-VPB-73-562563

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/02/02	1	EPA8260
Styrene	ug/L	< 1		09/02/02	1	EPA8260
o Xylene	ug/L	< 1		09/02/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/02/02	2	EPA8260
Xylene	ug/L	< 3		09/02/02	3	EPA8260
Bromomethane	ug/L	< 1		09/02/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/02/02	1	EPA8260
Freon 113	ug/L	< 1		09/02/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/02/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/02/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/02/02	1	EPA8260
Trichloroethene	ug/L	11		09/02/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 31683

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B143

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO. 224213.01

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#: 00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 09/03/02 RECEIVED: 09/05/02

TIME COL'D: 1100

MATRIX: Water

SAMPLE: BP-TB-090302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/07/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/07/02	1	EPA8260
Chloroethane	ug/L	< 1		09/07/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/07/02	1	EPA8260
Acetone	ug/L	< 10		09/07/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/07/02	2	EPA8260
Chloroform	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
2-Butanone	ug/L	< 10		09/07/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/07/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/07/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Benzene	ug/L	< 1		09/07/02	1	EPA8260
Bromoform	ug/L	< 1		09/07/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/07/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/07/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		09/07/02	1	EPA8260
Toluene	ug/L	< 1		09/07/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/07/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 32216

NYSDOH ID # 10320

Page 1 of 2

VPB73-B144

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.01

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/03/02 RECEIVED:09/05/02

TIME COL'D:1100

MATRIX:Water

SAMPLE: BP-TB-090302

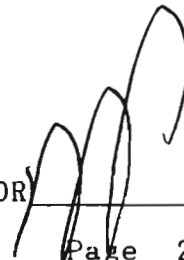
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/07/02	1	EPA8260
Styrene	ug/L	< 1		09/07/02	1	EPA8260
o Xylene	ug/L	< 1		09/07/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/07/02	2	EPA8260
Xylene	ug/L	< 3		09/07/02	3	EPA8260
Bromomethane	ug/L	< 1		09/07/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/07/02	1	EPA8260
Freon 113	ug/L	< 1		09/07/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/07/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/07/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 32217

NYSDOH ID # 10320

Page 2 of 2

VPB73-B145

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.224213.02

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/03/02 RECEIVED:09/05/02

TIME COL'D:1520

MATRIX:Water

SAMPLE: BP-VPB-73-592593

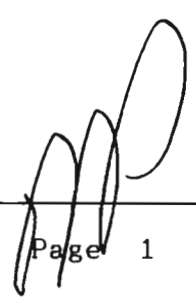
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/07/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/07/02	1	EPA8260
Chloroethane	ug/L	< 1		09/07/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/07/02	1	EPA8260
Acetone	ug/L	< 10		09/07/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/07/02	2	EPA8260
Chloroform	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
2-Butanone	ug/L	< 10		09/07/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/07/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/07/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Benzene	ug/L	< 1		09/07/02	1	EPA8260
Bromoform	ug/L	< 1		09/07/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/07/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/07/02	10	EPA8260
Tetrachloroethene	ug/L	3		09/07/02	1	EPA8260
Toluene	ug/L	< 1		09/07/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/07/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 32218

NYSDOH ID # 10320

Page 1 of 2

VPB73-B146

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)  
LAB NO.224213.02 09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/03/02 RECEIVED:09/05/02  
TIME COL'D:1520

MATRIX:Water SAMPLE: BP-VPB-73-592593

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/07/02	1	EPA8260
Styrene	ug/L	< 1		09/07/02	1	EPA8260
o Xylene	ug/L	< 1		09/07/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/07/02	2	EPA8260
Xylene	ug/L	< 3		09/07/02	3	EPA8260
Bromomethane	ug/L	< 1		09/07/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/07/02	1	EPA8260
Freon 113	ug/L	< 1		09/07/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/07/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/07/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
Trichloroethene	ug/L	2		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 32219

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B147



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.03

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client 100 DATE COL'D:09/04/02 RECEIVED:09/05/02

100 TIME COL'D:0850

MATRIX:Water SAMPLE: BP-VPB-73-602603

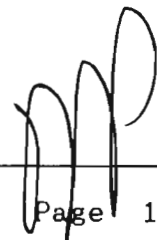
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/07/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/07/02	1	EPA8260
Chloroethane	ug/L	< 1		09/07/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/07/02	1	EPA8260
Acetone	ug/L	< 10		09/07/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/07/02	2	EPA8260
Chloroform	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
2-Butanone	ug/L	< 10		09/07/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/07/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/07/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Benzene	ug/L	< 1		09/07/02	1	EPA8260
Bromoform	ug/L	< 1		09/07/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/07/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/07/02	10	EPA8260
Tetrachloroethene	ug/L	2		09/07/02	1	EPA8260
Toluene	ug/L	< 1		09/07/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/07/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 32220

NYSDOH ID # 10320

Page 1 of 2

VPB73-B148

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.224213.03

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site. #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/04/02 RECEIVED:09/05/02

TIME COL'D:0850

MATRIX:Water

SAMPLE: BP-VPB-73-602603

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/07/02	1	EPA8260
Styrene	ug/L	< 1		09/07/02	1	EPA8260
o Xylene	ug/L	< 1		09/07/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/07/02	2	EPA8260
Xylene	ug/L	< 3		09/07/02	3	EPA8260
Bromomethane	ug/L	< 1		09/07/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/07/02	1	EPA8260
Freon 113	ug/L	< 1		09/07/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/07/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/07/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/07/02	1	EPA8260

cc:

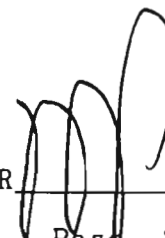
LRL=Laboratory Reporting Limit

REMARKS:

rn = 32221

NYSDOH ID # 10320

DIRECTOR



Page 2 of 2

VPB73-B149

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.04

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02  
TIME COL'D:1015

MATRIX:Water SAMPLE: BP-VPB-73-622623

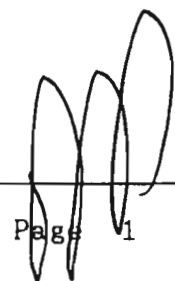
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/07/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/07/02	1	EPA8260
Chloroethane	ug/L	< 1		09/07/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/07/02	1	EPA8260
Acetone	ug/L	< 10		09/07/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/07/02	2	EPA8260
Chloroform	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
2-Butanone	ug/L	< 10		09/07/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/07/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/07/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Benzene	ug/L	< 1		09/07/02	1	EPA8260
Bromoform	ug/L	< 1		09/07/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/07/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/07/02	10	EPA8260
Tetrachloroethene	ug/L	1		09/07/02	1	EPA8260
Toluene	ug/L	< 1		09/07/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/07/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 32222

NYSDOH ID # 10320

Page 1 of 2

VPB73-B150

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.224213.04

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/04/02 RECEIVED:09/05/02

TIME COL'D:1015

MATRIX:Water

SAMPLE: BP-VPB-73-622623

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/07/02	1	EPA8260
Styrene	ug/L	< 1		09/07/02	1	EPA8260
o Xylene	ug/L	< 1		09/07/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/07/02	2	EPA8260
Xylene	ug/L	< 3		09/07/02	3	EPA8260
Bromomethane	ug/L	< 1		09/07/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/07/02	1	EPA8260
Freon 113	ug/L	< 1		09/07/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/07/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/07/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 32223

NYSDOH ID # 10320

Page 2 of 2

VPB73-B151

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.224213.05

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02  
TIME COL'D:1215

MATRIX:Water SAMPLE: BP-VPB-73-642643

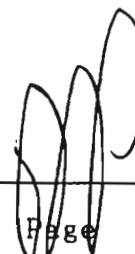
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/07/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/07/02	1	EPA8260
Chloroethane	ug/L	< 1		09/07/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/07/02	1	EPA8260
Acetone	ug/L	< 10		09/07/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/07/02	2	EPA8260
Chloroform	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
2-Butanone	ug/L	< 10		09/07/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/07/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/07/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Benzene	ug/L	< 1		09/07/02	1	EPA8260
Bromoform	ug/L	< 1		09/07/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/07/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/07/02	10	EPA8260
Tetrachloroethene	ug/L	1		09/07/02	1	EPA8260
Toluene	ug/L	< 1		09/07/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/07/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 32224

NYSDOH ID # 10320

Page 1 of 2

VPB73-B152

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.224213.05

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

P0#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/04/02 RECEIVED:09/05/02

TIME COL'D:1215

MATRIX:Water

SAMPLE: BP-VPB-73-642643

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/07/02	1	EPA8260
Styrene	ug/L	< 1		09/07/02	1	EPA8260
o Xylene	ug/L	< 1		09/07/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/07/02	2	EPA8260
Xylene	ug/L	< 3		09/07/02	3	EPA8260
Bromomethane	ug/L	< 1		09/07/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/07/02	1	EPA8260
Freon 113	ug/L	< 1		09/07/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/07/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/07/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 32225

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B153

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.224213.06

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:09/04/02 RECEIVED:09/05/02

TIME COL'D:0000

MATRIX:Water

SAMPLE: BP-VPB-DUP5

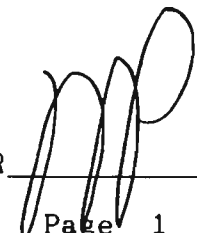
ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		09/07/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		09/07/02	1	EPA8260
Chloroethane	ug/L	< 1		09/07/02	1	EPA8260
Methylene Chloride	ug/L	< 1		09/07/02	1	EPA8260
Acetone	ug/L	< 10		09/07/02	10	EPA8260
Carbon disulfide	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		09/07/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		09/07/02	2	EPA8260
Chloroform	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		09/07/02	1	EPA8260
2-Butanone	ug/L	< 10		09/07/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		09/07/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		09/07/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		09/07/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		09/07/02	1	EPA8260
Benzene	ug/L	< 1		09/07/02	1	EPA8260
Bromoform	ug/L	< 1		09/07/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		09/07/02	10	EPA8260
2-Hexanone	ug/L	< 10		09/07/02	10	EPA8260
Tetrachloroethene	ug/L	1		09/07/02	1	EPA8260
Toluene	ug/L	< 1		09/07/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		09/07/02	1	EPA8260
Chlorobenzene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR



rn = 32226

NYSDOH ID # 10320

Page 1 of 2

VPB73-B154

# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.224213.06

09/11/02

Tetra Tech Nus, Inc.  
Foster Plaza VII, 661 Anderson Dr.  
Pittsburgh, PA 15220-2745

ATTN: David Brayack

PO#:00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:09/04/02 RECEIVED:09/05/02  
TIME COL'D:0000

MATRIX:Water SAMPLE: BP-VPB-DUP5

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		09/07/02	1	EPA8260
Styrene	ug/L	< 1		09/07/02	1	EPA8260
o Xylene	ug/L	< 1		09/07/02	1	EPA8260
m + p Xylene	ug/L	< 2		09/07/02	2	EPA8260
Xylene	ug/L	< 3		09/07/02	3	EPA8260
Bromomethane	ug/L	< 1		09/07/02	1	EPA8260
ter. ButylMethylEther	ug/L	< 1		09/07/02	1	EPA8260
Freon 113	ug/L	< 1		09/07/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		09/07/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		09/07/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		09/07/02	1	EPA8260
Trichloroethene	ug/L	< 1		09/07/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 32227

NYSDOH ID # 10320

DIRECTOR

Page 2 of 2

VPB73-B155



**Appendix C**

**GM-39D**



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39 D  
 DATE: 10-9-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)					
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**		
1030	0	/							FOR DETAILS SEE VPB-39					0	
		/													
		/													
1045	10	/													0
		/													
		/													
1100	20	/							SAND - SOME GRAVEL						0
		/													
		/													
1115	30	/													0
		/													
		/													
1130	40	/							SILTY SAND	SOME GRAVEL					0
		/													
		/													
		/													
1145	50	/													
		/													

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: 8" Φ MUD ROTARY - W/ STABILIZER BAR.

Drilling Area Background (ppm): ✓ 0

Converted to Well: Yes ✓ No     Well I.D. #: GM-39 D

GM39D - C1



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D  
 DATE: 10-9-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)										
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**							
	50	/																		
	12560	/					SILTY SAND		NOT AS MUCH GRAVEL											
	123070	/																		
	125080	/					SILTY SAND													
	133090	/																		
	1400100	/																		

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM-39D

GM39D-C2



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D  
 DATE: 10/9/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)				
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
	100	/					SILTY SAND						0	
	142	/											0	
	145	/					SILTY SAND						0	
	150	/					TR CLAY							
	150	/											0	
	140	/					SILTY SAND						0	
	150	/												

0/9  
10/10

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes  No \_\_\_\_\_ Well I.D. #: GM-39D

GM39D-63



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D  
 DATE: 10/10/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S .	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	150						SILTY SAND						0
	160												0
	170						SILTY SAND						0
	180												0
	190						SILTY SAND						0
	200												

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No \_\_\_\_\_ Well I.D. #: GM-39D



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D  
 DATE: 10/10/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Fl. or Run No.)	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Fl. or Screened Interval)	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
	20	/					SILTY SAND						0	
	1130 210	/											0	
	1215 220	/					SILTY SAND						0	
	1230 230	/											0	
	1245 240	/					SILTY SAND						0	
S-1	245	/												
1380	247	4/10	.5/2		V DENSE	BRN	SILTY F SAND	SM	WET/MICA	0	0	0	0	0
	27	52												
	350	/												0

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm): 0

Converted to Well: Yes  No  Well I.D. #: GM-39D

GM39D-05



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D  
 DATE: 10/10/02 - 10/11/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION		U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/Consistency or Rock Hardness	Color			Material Classification	Sample	Sampler BZ	Borehole**	Driller BZ**
S-2 @ 1400	250 252	10/19 62/69	.6/2		V DENSE	GRAY	SILTY F SAND	SM	WET/MICA	0	0	0	0
S-3 @ 1430	255 257	11/67 86/93	6/2			BRN	SAME	SM	WET	0	0	0	0
S-4 @ 1500	260 262	17/77 69/61	.4/1 1/2			BRN	SAME	SM	PROPOSED SCREEN ZONE 262-282 @S PER ARCAIDIS GEM	0	0	0	0
S-5 @ 1520	265 267	15/68 58/60	.5/2	265±	V DENSE	TAN BRN	SILTY F/M SAND	SM SP	WET/MICA	0	0	0	0
S-6 @ 1540	270 272	18 48/112	.3/1.5		V DENSE		SAME	SM SP	FOUR REC LOGGED WHAT WAS IN SHOE	-	-	-	-
S-7 @ 1550	275 277	20/52 110	.5/1.5				SAME	SM SP	WET LOSING SOME DRILLING MUD 270 → 275±	0	0	0	0
S-8 @ 1610	280 282	12/20 52/60	1/2	280 282 BOTM	V DENSE	BRN GRAY	SILTY F SAND - TR CLAY (LAMINATED)	SM	WET	0	0	0	0
							HOPE WAS REAMED TO 8" Ø TO 282' BOTM		SET WELLS 262-282				

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm): 0

Converted to Well: Yes  No  Well I.D. #: GM-39D

GM 39 D - C6



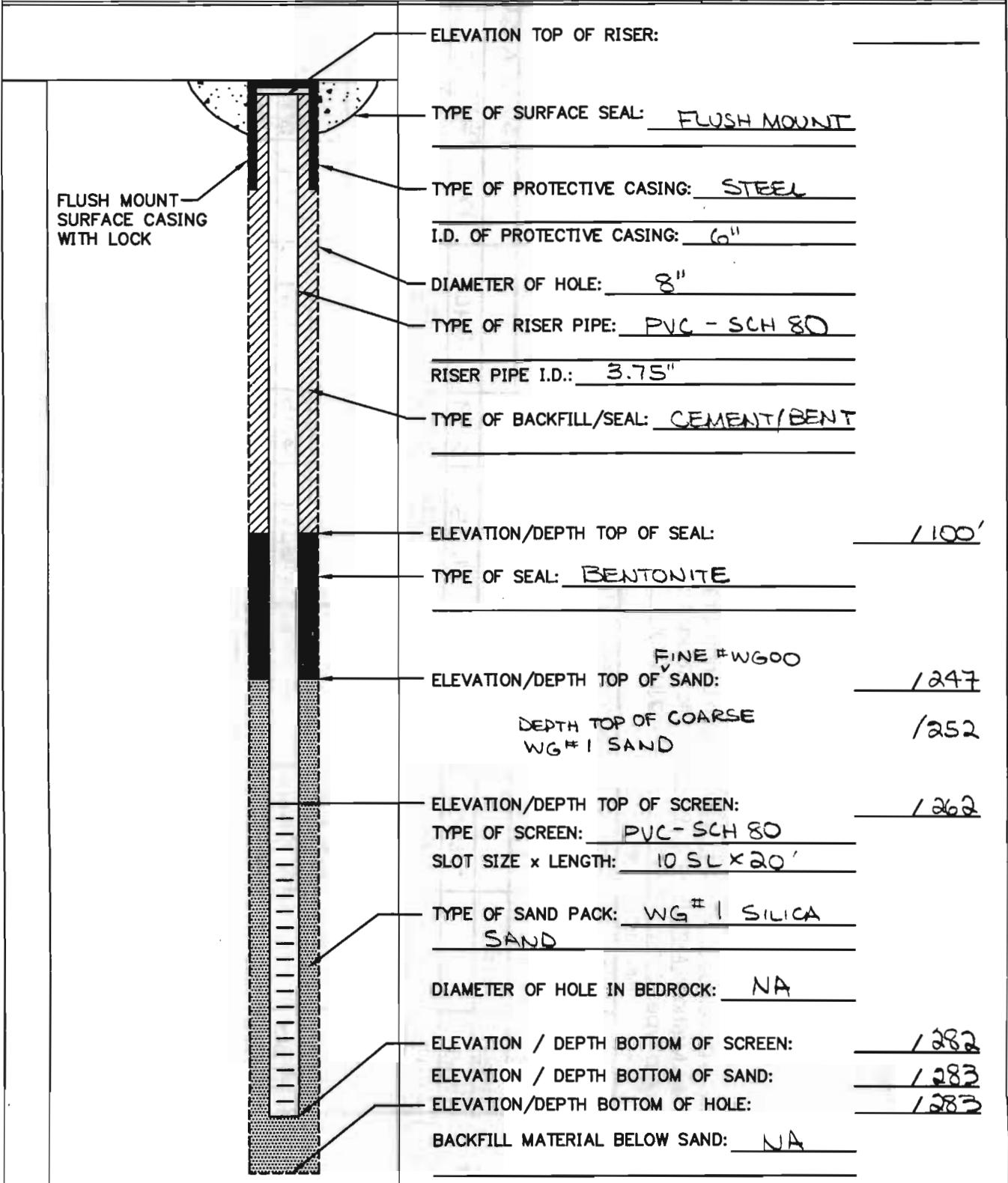
Tetra Tech NUS, Inc.

# OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

WELL NO.: GM-39D

PROJECT <u>NWIRP - BETHPAGE</u>	LOCATION <u>BETHPAGE, NJ</u>	DRILLER <u>EVANS</u>
PROJECT NO. <u>N4037</u>	BORING <u>GM-39D</u>	DRILLING METHOD <u>MUD ROTARY</u>
DATE BEGUN <u>10/14/02</u>	DATE COMPLETED <u>10/14/02</u>	DEVELOPMENT METHOD <u>AIR LIFT/PUMP</u>
FIELD GEOLOGIST <u>CONTI</u>		
GROUND ELEVATION _____	DATUM _____	

ACAD:FORM\_MWFM.dwg 07/28/99 INL



GM39D-C7





Tetra Tech NUS, Inc.

# MONITORING WELL DEVELOPMENT RECORD

TPVC

Well: GM-39D Depth to Bottom (ft.): 282 BSS Responsible Personnel: CONTI  
 Site: NWIRP Static Water Level Before (ft.): 48.95 Drilling Co.: UTD  
 Date Installed: 10-14-02 Static Water Level After (ft.): \_\_\_\_\_ Project Name: NWIRP - BETHLEHEM  
 Date Developed: 10-24-02 Screen Length (ft.): 20 Project Number: N4037  
 Dev. Method: AIR LIFT / PUMP Specific Capacity: \_\_\_\_\_  
 Pump Type: SUB. 0.5 HP Casing ID (in.): 4" SCH 80

\* CANN FIT PROBE DURING AIR LIFT  
WILL MEAS. W/L WHEN PUMPS  
USED.

GRUNDFOS 3"

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units <u>ms/cm</u> )	Turbidity (NTU)	Remarks (odor, color, etc.)
1145	NA		48.95					START AIR LIFT
1200	—	5350	—	17.55	6.29	.246	999	INITIAL R 23 GPM YELLOW BRN - TURBID
1245	—	± 800	*	18.07	6.42	-192	"	R 100 GAL @ 1245 = 15 GPM R 800 GAL @ 1245 = 13 GPM/60min
1320	—	± 1200	—	17.26	6.43	.168	"	R 13 GPM BRN / TURBID
1330	WENT TO EMPTY		INTO BAKER TANK @ 12					NO GALLONS
1410	START AIR LIFT		AGAIN (TANK EMPTY)					
1430	—	400 / 1600	—	16.19	6.45	-161	999	R 20 GPM BRN / TURBID
1450	—	700 / 1900	—	16.06	6.40	-150	779	R 17 GPM YELLOW BRN / TURBID
1510	—	900 / 2100	—	16.01	6.45	.143	595	R 15 GPM YELLOW BRN / NOT AS TURBID
1540	—	1200 / 2400	—	15.45	6.59	-139	435	R 13 GPM AVE FOR 90 MIN.
0905	—		—	RESUME DEV		USING AIR LIFT		R 20 GPM BRN - TURBID
0925	—	400 / 2800	—	14.57	6.75	.110	999	
0945	—	600 / 3000	—	14.83	6.77	-136	"	BRN / TURBID = 10 GPM R 13 GPM FOR 60 MIN
1005	—	800 / 3200	—	14.81	6.76	-133	509	
1035	—	1200 / 3600	—	14.72	6.76	-131	455	" " "
1040	WENT TO EMPTY		LOAD (3) TO BAKER TANK					
1110	RESUME AIR LIFT		AGAIN					
1140	—	600 / 4200	—	14.85	6.72	-127	322	R 20 GPM LT BRN SL TURBID

10/24  
AIR LIFT  
↓  
LOAD  
①

②

10/25  
GM 39D - C 8  
③

3x4x14' - 169 cu ft  
 SAY 1200 GALLONS



Tetra Tech NUS, Inc.

**MONITORING WELL DEVELOPMENT RECORD**

Well: GM-39D Depth to Bottom (ft.): 282 (GS) Responsible Personnel: CONTI  
 Site: NWIRP Static Water Level Before (ft.): UTD Drilling Co.: UTD  
 Date Installed: 10-14-02 Static Water Level After (ft.): UTD Project Name: NWIRP-BETHPAGE  
 Date Developed: 10-24-02 Screen Length (ft.): 20 Project Number: N1037  
 Dev. Method: AIR LIFT/PUMP Specific Capacity: X SURGE BLOCK- RAISED AND LOWERED THRU OUT SCREEN ZONE X 30 MIN INT.  
 Pump Type: SUB. 0.5 HP Casing ID (in.): 4.5480 @ 3.75"  
GRINDFOSS.

Time	Flow Rate (GPM)	Cumulative Water Volume (Gal.)	Water Level Readings (ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (odor, color, etc.)
10/25 1210	~17	1000/4600	—	14.98	6.70	.123	217	11.08	SL TURBID
1220	~17	1200/4800	—	14.88	6.71	.121	208	10.96	" "
10/28 1120	START	(RESUME)	AIR LIFT						
1150	~20	600/5400	NA	16.42	5.73	.183	999	11.96	YELLOW BRN/ TURBID
1220	~20	1200 6000	NA	16.76	5.80	.136	264		" " SL TURBID
1230	WENT TO EMPTY	TO EMPTY	BAKER TANK						
1400	RESUME	AIR LIFT							
1430	~20	600/6600	NA	16.09	6.06	.142	324	11.79	YELLOW BRN SL TURBID
1500	~20	1200/7200	NA	14.77	6.27	.135	173	11.61	
10/29 0745	Resume	AIR LIFT							
0815	~16	500/7700	NA	14.50	6.55	.137	229	11.05	YELLOW BRN SL TURBID
0845	~16	1000/8200	—	14.65	6.57	.137	270	11.09	" "
0900		1200/8400	Went to Empty	Load 7					
0905	Pumping into	Blue Water Tank							
0935	~20	600 9000	NA	15.00	6.61	.134	988	11.15	YELLOW BRN SL TURBID
1005	~20	1200 9600	NA	15.61	6.68	.131	99	11.17	" "
1110	RESUME	AIR LIFT (LOW)							
1140	~20	600/10200	—		6.64	.130	73	10.79	" " "

GM-39D-09



Tetra Tech NUS, Inc.

# MONITORING WELL DEVELOPMENT RECORD

Well: GM-39D Depth to Bottom (ft.): 282' GS Responsible Personnel: CONTI  
 Site: NWIRP Static Water Level Before (ft.): 47.80 Drilling Co.: UTD  
 Date Installed: 10-14-02 Static Water Level After (ft.):  
 Date Developed: 10/24 → Screen Length (ft.): 20 Project Name: NWIRP SEINFELDE  
 Dev. Method: AIR LIFT/PUMP Specific Capacity: See Pg. 4 Project Number: N4037  
 Pump Type: GRANDES 3" SUB 5 HP Casing ID (in.): — HORNER / LAMORTE

Time	Flow Rate (GPM)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (odor, color, etc.)
1210	≈ 20	600/10800	—	14.54	6.62	131	48/90	10.23	LT BRN SL TURBID
1215	WENT	TO EMPTY	LOAD	9	INTO	BAKED TANK.			
1245	RESUME	air lift							
1300	≈ 20	800/11000	—	14.60	6.28	127	18/58	10.77	277-282 ± LT BRN SL TURB
1315	"	600/11400	—	14.82	6.29	127	20/56	10.63	272-277 ± "
1330	"	900/11700	—	14.51	6.31	127	12/52	10.28	267-272 ± "
1345	"	1200/12000	—	14.12	6.32	125	14/50	9.76	262-267 ± "
1400	TOOK	LOAD	10	BAKED	TANK	— AIR LIFT COMPLETE.			
0750	Resume	Dev	47.80	Using	sub	Pump.	- Set	Pump	② ≈ 97' BGS
0820	≈ 10	500/12300	48.50	13.13	6.36	128	158	9.07	
0850	≈ 13	800/12800	"	14.54	5.99	124	57/98	8.72	UT BRN SL TURBID
0920	≈ 13	1200/13200	48.48	13.33	5.79	128	35/74	8.36	
0925	WENT	TO EMPTY	LOAD	11					
0950	Resume	Pumping							
1020	≈ 16	500/13700	48.48	15.56	5.83	123	28/65	8.85	LT BRN SL TURBID
1050	≈ 16	1000/14200	48.48	16.05	5.87	122	9/52	9.41	"
1110	≈ 15	1200/14400	"	15.89	5.78	120	5/40	9.02	" V SL "
1115	EMPTY	LOAD	12						

10/29  
10/30

GM39D - C10



**Appendix D**

**GM-39D2**



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D2  
 DATE: 10/16/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER / EVANS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 8" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
1305	0	/					FOR DETAILS SEE		START USING		0	0	0
		/					VPB-39 AND		6" Ø BIT - MUD				
		/					GEOPHYSICAL LOG		ROTARY DRILL METHOD.				
1320	0	/					SAND & GRAVEL		CHECKED TO 3'				
		/							W/ HAND AUGER AND				
		/							CLEARED W/ PIPE/CABLE			0	
		/							LOCATOR TO 3'				
1345	20	/					SAND & GRAVEL					0	
		/											
1400	30	/											0
		/											
1415	40	/					SAND - SOME GRAVEL						0
		/											
1430	50	/											

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: START USING 6" MUD PRT TO TAKE SPLIT SPOONS  
NEAR SCREEN AND TO TAKE HYDROPHONIC SAMPLES  
AS PER APPLICABLE GM'S REQUEST

Drilling Area Background (ppm): 0

Converted to Well: Yes  No  Well I.D. #: GM-39D2



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D2  
 DATE: 10/16/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER/ EVANS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 8" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S .	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	50	/					SILTY SAND						0
		/											
	1440	/											0
		/											
	1450	/					SILTY SAND						0
		/											
	1500	/											0
		/											
	1515	/					SILTY SAND						0
		/											
	1530	/											0

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM-39D2

GM39D2 - D2



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D2  
 DATE: 10/16/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER / EVANS

Sample No. and Type or RQD	Depth (R.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/R.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
	100	/					SILTY SAND TR CLAY						0	
	1540	10	/											0
	1550	20	/				SILTY SAND							0
	1555	30	/											0
	1600	40	/				SILTY SAND							0
	1620	150	/											

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM-39D2

GM39D2-D3





# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D2  
 DATE: 10/16/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER / EVANS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	150	/					SILTY SAND						0
		/											
		/											
	1620	160	/										0
		/											
		/											
	1625	170	/				SILTY SAND						0
		/											
		/											
	1630	180	/										0
		/											
		/											
	1640	190	/				SILTY SAND						0
		/											
		/											
	1650	200	/										

\* When rock coring, enter rock brokenness.  
 \*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_ Drilling Area Background (ppm):



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D2  
 DATE: 10/17/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER / EVANS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/R.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)					
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**		
	200	/					SILTY SAND								
		/													
		/													
0945	210	/													
		/													
		/													
1000	220	/					SILTY SAND								
		/													
		/													
1015	230	/													
		/													
		/													
1030	240	/					SILTY SAND								
		/													
		/													
1045	250	/													

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM-39D2



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D2  
 DATE: 10/17/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER / EVANS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	850	/					SILTY SAND						0
		/					GRAVEL						
		/											
	1100260	/											0
		/											
		/											
	1115270	/											0
		/											
		/											
	1130280	/					SILTY SAND						0
		/											
		/											
	1145290	/											0
		/											
		/											
	1200300	/											

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM-39D2

GM39D2-06



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D2  
 DATE: 10/17/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER / EVANS

Sample No. and Type or RQD	Depth (Pt.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Rt.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
1230300		/					SILTY SAND					0	
		/											
		/											
1245310		/										0	
		/											
		/											
1300320		/					SILTY SAND					0	
		/											
		/											
1310330		/										0	
		/											
		/											
1320340		/					SILTY SAND					0	
		/											
		/											
1330350		/											

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM-39D2

GM39D2-07



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-39D2  
 DATE: 10/10/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER / EVANS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	350	/					SILTY SAND						0
		/					↓						
		/					↓		DRILLER NOTES				
134	360	/					SILTY SAND - W/ CLAY		LOSS OF DRIVING FLUIDS AT ≈ 360' (GRAVEL?)				0
		/					↓						
	370	/					↓						0
		/					↓						
	380	/					SILTY SAND TR CLAY						0
		/					↓						
S-1	390	42			V	DENSE	GRAY SILTY F. SAND	SM	MOIST → WET W/ MICA	0	0	0	0
C	1510	391	50	1/1			↓	SP	NO CLAY				
S-2	395	30					SILTY F. SAND -TR ORANG BRN CLAY IN DRIVE	SM	WET / MICA	0	0	0	0
C	1525	396	55	1/1			SHOF LAMINATED W/ SAND	SP					
	400	/					↓						

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No \_\_\_\_\_ Well I.D. #: GM-39D2

GM39D2-DB







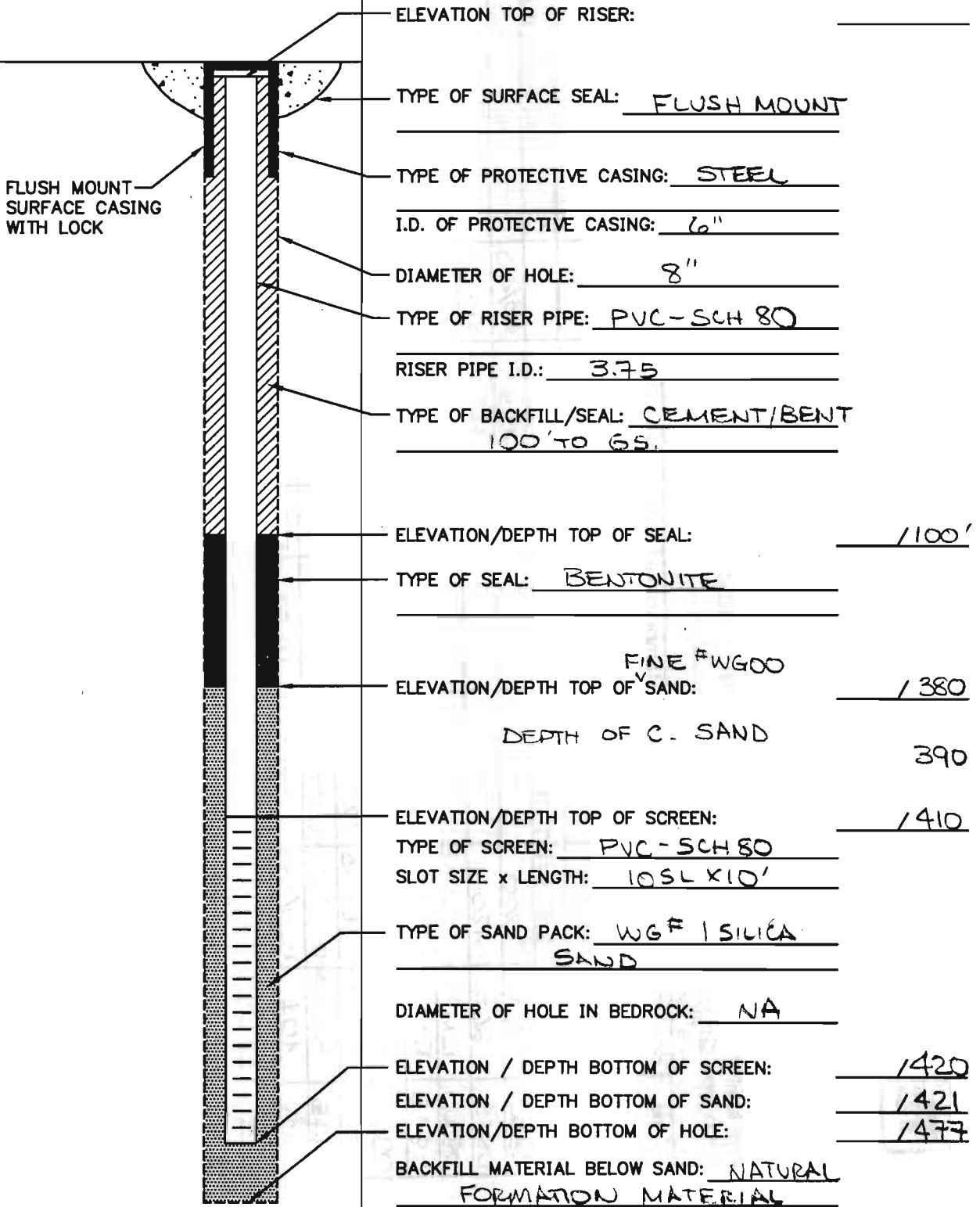
Tetra Tech NUS, Inc.

# OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

WELL NO.: GM-39D2

PROJECT <u>NWIRP-BETHPAGE</u>	LOCATION <u>BETHPAGE, NY</u>	DRILLER <u>EVANS</u>
PROJECT NO. <u>N4037</u>	BORING <u>GM-7302</u>	DRILLING METHOD <u>MUD ROTARY</u>
DATE BEGUN <u>10/22/02</u>	DATE COMPLETED <u>10/22/02</u>	DEVELOPMENT METHOD <u>AIR LIFT/PUMP</u>
FIELD GEOLOGIST <u>CONTI</u>	GROUND ELEVATION _____	DATUM _____

ACAD:FORM\_MWF.M.dwg 07/26/99 INL



GM39D2-D11





Tetra Tech NUS, Inc.

# MONITORING WELL DEVELOPMENT RECORD

Well: GM-39D 2      Depth to Bottom (ft.): 420' BGS      Responsible Personnel: CONTI  
 Site: NWIRP      Static Water Level Before (ft.): 49.90      Drilling Co.: UTD  
 Date Installed: 10/22/02      Static Water Level After (ft.):      Project Name: NWIRP - BETH PAGE  
 Date Developed: 10/31 → 11/5      Screen Length (ft.): 10'      Project Number: N4037  
 Dev. Method: AIR LIFT/PUMP      Specific Capacity: N/A  
 Pump Type: GRYNDOS 3" HE SUB      Casing ID (in.): 3.75

\* WELL WAS SURGED  
 ≈ 15 MIN INT DURING  
 AIR LIFT

HORIBA/LAMOTTE

Time	Flow Rate (GPM)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (odor, color, etc.)
0730	START	AIR LIFT	49.90						
0800	26±	800	—	15.38	4.79	.155	400/440	—	PH PAPER CHECK = 5 BRN - SL TURBID
0815	26±	1200	—	15.21	5.34	.118	216/280	—	
0820	EMPTY	LOAD	①						
0845	RESUME	AIR LIFT							
0915	40±	1200/2400	—	14.03	5.55	.112	47/100	—	LT BRN - SL TURBID
0920	EMPTY	LOAD	②						
0945	RESUME	AIR LIFT							
1015	40±	1200/3000	—	14.86	5.74	.110	21/70	—	LT BRN - SL TURBID
1020	EMPTY	LOAD	③						
1045	RESUME	AIR LIFT							
1115	40±	1800/4800	—	15.17	5.82	.109	10/39	—	LT BRN - SL TURBID
1125	EMPTY	LOAD	④						
1150	RESUME	AIR LIFT							
1205	40±	600/5400	—	15.59	5.97	.109	10/27	—	
1220	40±	1800/6000	—	16.28	5.96	.109	10/28	—	CLEAR V SL TURBID
1230	EMPTY	LOAD	⑤	—	—	—	—	—	

10/31

GM39D2 - 0-2



Tetra Tech NUS, Inc.

# MONITORING WELL DEVELOPMENT RECORD

Well: GM-39D2 Depth to Bottom (ft.): 420' BGS Responsible Personnel: CONTI  
 Site: NWIRP Static Water Level Before (ft.): 49.0 Drilling Co.: UTD  
 Date Installed: 10/22/02 Static Water Level After (ft.):            Project Name: NWIRP - BETH PAGE.  
 Date Developed: 10/31 Screen Length (ft.): 10' Project Number: N4037  
 Dev. Method: AIR LIFT/PUMP Specific Capacity: NA  
 Pump Type: 3" 5HP SUB Casing ID (in.): 3.75

GRUNDFOS

Time	Flow Rate (GPM)	Cumulative Water Volume (Gal.)	Water Level Readings (ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (odor, color, etc.)
1000	RESUME AIR		LIFT						
1030	~40	1200/1200	---	15.27	4.90	149	10/30	---	CLEAR - V. SL TURBID
1105	EMPTY LOAD		(6) AT	10.35	---				
1105	RESUME AIR		LIFT						
1120	~40	600/1800	---	15.59	5.42	117	10/22	---	" " "
1135	~40	1200/2400	---	15.83	5.59	112	10/17		
1140	EMPTY LOAD		(7)						
1200	RESUME AIR		LIFT						
1210	~40	400/2800	---	16.05	5.71	121	10/19		CLEAR ± 417 → 420
1220	~40	800/3200	---	16.10	5.78	122	10/18		" 414 → 417
1230	~40	1200/3600	---	16.12	5.82	123	10/19		" 410 → 414
1240	EMPTY LOAD		(8)						

1/4

GM39D2-D13



Tetra Tech NUS, Inc.

# MONITORING WELL DEVELOPMENT RECORD

Well: GM-39D2 Depth to Bottom (ft.): 420 <sup>BGS</sup> Responsible Personnel: CONTI  
 Site: NWIRP Static Water Level Before (ft.): 49.00 Drilling Co.: UTD  
 Date Installed: 10/22/02 Static Water Level After (ft.): \_\_\_\_\_ Project Name: NWIRP - BETH PAGE  
 Date Developed: 10/31/11/5 Screen Length (ft.): 10' Project Number: N4037  
 Dev. Method: AIRLIFT/PUMP Specific Capacity: 0.75 DD @ 13 GPM  
 Pump Type: GRUNDIGOS 3" SUB Casing ID (in.): 3.15"

HORIBA/LAMOTIE

\* PUMP STARTED/STOPPED  
≈ 1/2 HOUR INT.

Time	Flow Rate (GPM)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Remarks (odor, color, etc.)
SET	PUMP	AT 80'	≈ 0840 HRS						(9600 GAL BY AIRLIFT)
0915	START PUMP		49.00	*					
0935	≈ 15	300/300	49.70	16.89	6.03	.131	32/70	10.96	LT BRN SL TURBID
0955	15	600/600	49.70	17.51	5.94	.119	-10/30	10.68	CLEAR
1015	15	900/900	49.70	17.06	5.89	.117	-10/22	10.79	"
1035	≈ 13	≈ 1000	49.70	17.44	5.79	.114	-10/21	12.47	"
1050	≈ 13	1200	49.70	17.22	5.72	.115	-10/14	11.23	"
1055	EMPTY LOAD		(9)						
1120	RESUME PUMPING		W/ GRUNDIGOS						
1135	≈ 13	≈ 200/1400	49.75	16.50	5.69	.115	-10/19	10.60	CLEAR - NON TURBID
1150	≈ 13	400/1600	49.75	16.77	5.67	.113	-10/14	10.56	"
1205	≈ 13	600/1800	49.75	17.49	5.67	.114	-10/12	10.52	"
1220	≈ 13	800/2000	49.75	17.00	5.64	.113	-10/11	10.45	"
1235	≈ 13	1000/2200	49.75	16.75	5.62	.114	-10/9	10.51	PH PAPER CHECK - 5.6
1250	≈ 13	1200/2400	49.75	17.10	5.60	.113	-10/8	10.48	CLEAR - NON TURBID
1300	EMPTY LOAD		(10)	DONE	W/ DEVELOPMENT				9600 AIRLIFT
									2400 PUMP
									12000 GALLONS

11/5

GM39D2-1-D14

**Appendix E**

**GM-73D**



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-73D  
 DATE: 9-9-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
1030	0	/			DENSE		SAND - SOME GRAVEL		SEE VPB-73 FOR DETAILS			0	
		/							ALSO SEE GAMMA LOG FOR MORE INFO.				
1045	10	/							BORING IS TO BE DRILLED TO SET WELL ≈ 411' ± WILL START TAKING SPLIT-SPOON SAMPLES ABOUT 20' ABOVE WELL SCREEN			0	
1100	20	/					SAND - SOME GRAVEL					0	
1115	30	/					SILTY SAND					0	
1130	40	/										0	
1145	50	/					SILTY SAND					0	

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: 8" BIT - MUD ROTARY METHOD

Drilling Area Background (ppm): 0

Converted to Well: Yes  No

Well I.D. #: GM 73 D

GM73D-E1



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-73D  
 DATE: 9-9-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RGD	Depth (Ft.) or Run No.	Blows / 6" or RGD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
1145	50	/					SILTY SAND						0	
		/												
1150	60	/												0
		/												
1200	70	/					SILTY SAND							0
		/												
1215	80	/												0
		/												
1230	90	/												0
		/												
1245	100	/												0

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM 73 D  
GM73D-E2



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-73-D  
 DATE: 9-9-02 / 9-10-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	100	/					SILTY SAND						0
	1300	110	/										0
	0730	120	/				SILTY SAND						0
	0745	130	/										0
	0800	140	/				SILTY SAND-TR CLAY		VIA CUTTINGS AND DRILLER NOTES.				0
	0815	150	/										0

9/9  
 9/10

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm): 0

Converted to Well: Yes  No \_\_\_\_\_ Well I.D. #: GM 73 D

GM73D-E3



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-73D  
 DATE: 9-10-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)											
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**								
0815	150	/																			
		/																			
		/																			
0830	160	/																			
		/																			
		/																			
0845	170	/																			
		/																			
		/																			
0850	180	/																			
		/																			
		/																			
0810	190	/																			
		/																			
		/																			
0920	200	/																			

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM-73-D

GM73D-E4





# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-  
 DATE: \_\_\_\_\_  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or ROD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S .	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	200	/					SILTY SAND					0	
		/											
	0030 210	/										0	
		/											
	220	/										0	
		/											
	0040 230	/					SILTY SAND-TR CLAY					0	
		/											
	0050 240	/										0	
		/											
	1000 250	/											

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm): 0

Converted to Well: Yes  No  Well I.D. #: GM-73-D

GM73D-E5



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-73D  
 DATE: \_\_\_\_\_  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S .	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
	250	/					SAND						0
		/											
	1010 260	/											0
		/											
	1020 270	/											0
		/											
	1030 280	/					SAND						0
		/											
	1040 290	/											0
		/											
	1045 300	/											

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM-73D  
GM73D-EG



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-73D  
 DATE: 9/10/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
1045	300	/					SILTY SAND					0	
1050	310	/										0	
1100	320	/					SILTY F/M SAND					0	
1110	330	/										0	
1120	340	/										0	
1130	350	/										0	

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area Background (ppm):

Converted to Well: Yes  No  Well I.D. #: GM-73D

GM73D-E7



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-73D  
 DATE: 9/10/02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or ROD	Depth (Ft.) or Run No.	Blows / 6" or ROD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)				
					Soil Density/ Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**	
1145	350	/	/				SAND					0		
1215	360	/	/									0		
1245	370	/	/									0		
S-1	380	5/7												
e	1330	38/100	5/2		V DENSE	TAN	SILTY F/M SAND	SM	WET W/ MICA	0	0	0	0	
		385/28						/SP						
S-2	387	48/100	5/1.5			TAN BRN	SAME		WET W/ MICA	0	0	0	0	
	1355	/	/											
S-3	390	19/39												
e	1425	100	5/1.5	392			SILTY F/M SAND - TR CLAY	SM	WET / MICA	0	0	0	0	
								/SP	POOR REC - NOT MUCH CLAY OBSERVED					
S-4	395	15/41	8/1.5		HARD	DK GRAY	SILTY CLAY	CL	392 > 395 - DRIVER NOTED CLAY	0	0	0	0	
	1500	79							MOIST - VERY COMPACT.					
	400	/	/											

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm): 0

Converted to Well: Yes  No  Well I.D. #: GM-73D

GM73D-ES



# BORING LOG

PROJECT NAME: NWIRP Bethpage  
 PROJECT NUMBER: N4037  
 DRILLING COMPANY: Uni-Tech  
 DRILLING RIG: FAILING 1500

BORING No.: GM-73D  
 DATE: 9-10-02  
 GEOLOGIST: CONTI  
 DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION			U S C S *	Remarks	PID/FID Reading (ppm)			
					Soil Density/Consistency or Rock Hardness	Color	Material Classification			Sample	Sampler BZ	Borehole**	Driller BZ**
S-5 e 1525	400 402	27/51 73	.6/1.5		V DENSE	GRAY BEN	SILTY F/M SAND TR CLAY IN WASH	SM SP	WET - MICA	0	0	0	0
S-6 e 1550	405 407	13/25 89/100	.5/2		V DENSE		SILTY F/M SAND	SM SP	WET - MICA	0	0	0	0
S-7 e 1630	410 412	28 54/100	.6/ 1.5	412	V DENSE		F/M SAND	SP	WET - MICA	0	0	0	0
							BOTM @ ± 412'		WILL SET WELL ≈ 401 → 411				
									↑ SAND 412-397				
									F " 394-397				
									THEN REINFORCE SEAL TO 2' 100' THEN CEMENT (BENT) SEAL TO SOLE.				

\* When rock coring, enter rock brokeness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: \_\_\_\_\_

Drilling Area  
 Background (ppm): 0

Converted to Well: Yes  No  Well I.D. #: GM-73D

GM73D-E9



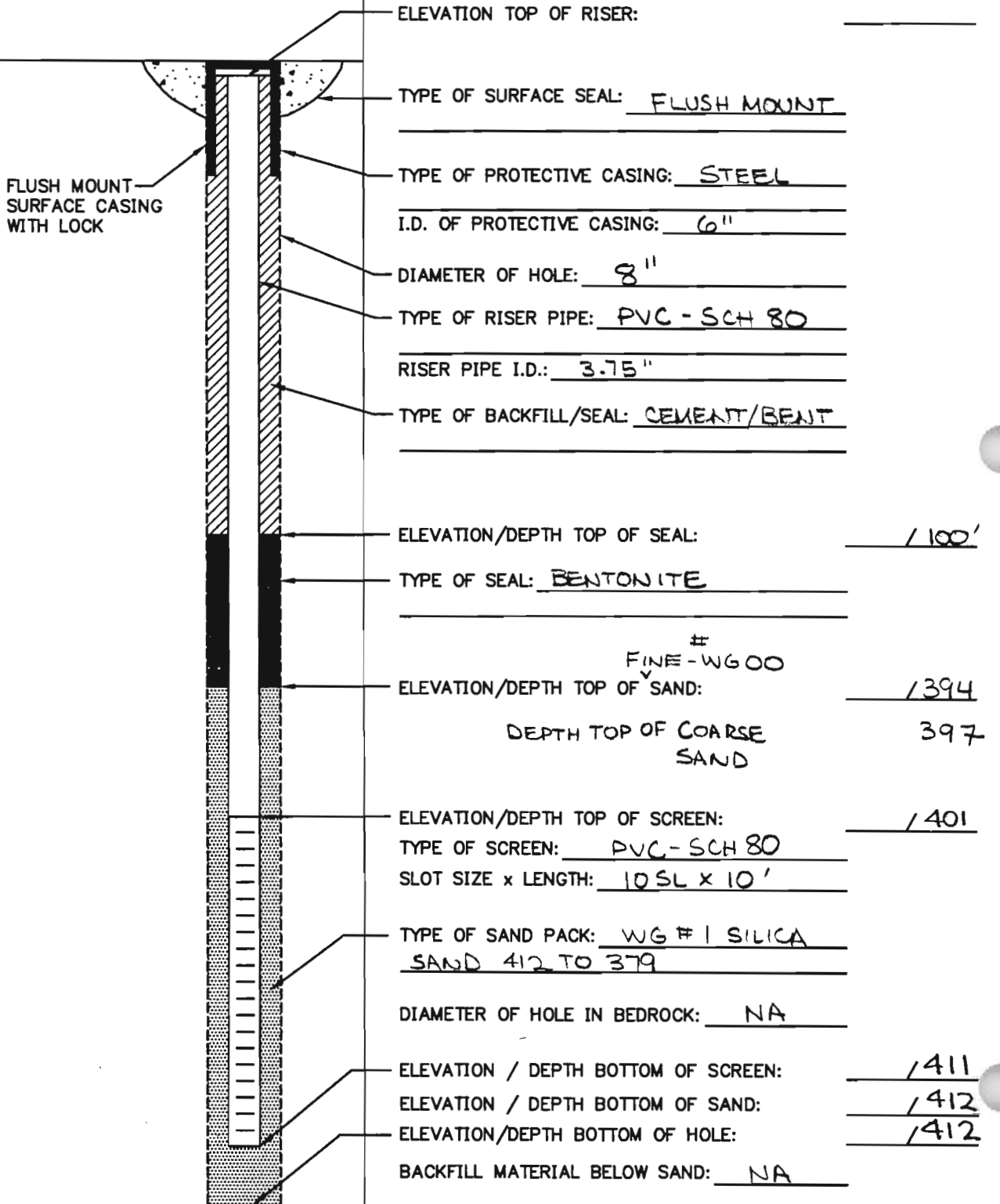
Tetra Tech NUS, Inc.

# OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

WELL NO.: GM-73D

PROJECT <u>NWIRP-BETHPAGE</u>	LOCATION <u>BETHPAGE, NY</u>	DRILLER <u>BAER</u>
PROJECT NO. <u>N4037</u>	BORING <u>GM-73D</u>	DRILLING METHOD <u>MUD ROT</u>
DATE BEGUN <u>9/11/02</u>	DATE COMPLETED <u>9/12/02</u>	DEVELOPMENT METHOD <u>AIR LIFT/PUMP</u>
FIELD GEOLOGIST <u>CONTI</u>	GROUND ELEVATION _____	DATUM _____

ACAD:FORM\_MWF.M.dwg 07/20/99 INL



Gm73D-E10



Tetra Tech NUS, Inc.

# MONITORING WELL DEVELOPMENT RECORD

Well: GM-73D Depth to Bottom (ft.): 411' ± 2.5' Responsible Personnel: COMET  
 Site: NWIRP Static Water Level Before (ft.): 100 ± Drilling Co.: UTD  
 Date Installed: 9-12-02 Static Water Level After (ft.): \_\_\_\_\_ Project Name: NWIRP BEHPAGE  
 Date Developed: 9-16 → Screen Length (ft.): 10' Project Number: N41037  
 Dev. Method: AIR LIFT/PUMP Specific Capacity: \_\_\_\_\_  
 Pump Type: SUBMERSIBLE Casing ID (in.): 4"

HORIBA U22 METER

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units)	Turbidity (NTU)	Remarks (odor, color, etc.)
1500	NA	—	—	—	—	—	—	APPROX START TIME
1530	"	—	—	19.63	6.53	.231	999	~ 30 GPM BROWN/TURBID
1545	"	1350	NA	—	—	—	—	STOP ~ 45 GPM
0735	"	—	—	—	—	—	—	RESUME AIR LIFT
0755	"	2700	—	16.56	6.54	.147	999	~ 30 GPM - BRN - TURBID
0805	"	—	—	—	—	—	—	STOP ~ 45 GPM
0855	"	—	—	—	—	—	—	RESUME AIR LIFT
0930	"	4100	—	17.15	6.32	.142	83	~ 40 GPM - BRN - TURBID
1010	"	—	—	—	—	—	—	NOT AS TURBID RESUME AIR LIFT
1045	"	5500	—	17.57	6.31	.141	319	~ 40 GPM - BRN - SLTURBID
1135	"	6900	—	18.31	6.29	.139	700	RESUME AIR LIFT
1210	"	—	SCREEN TIME	—	—	—	—	~ 40 GPM - BRN - TURBID
1400	"	—	—	—	—	—	—	RESUME AIR LIFT
1410	"	—	411 - 408	18.18	6.30	.141	25	~ 46 GPM SLTURBID CLEAR
1420	"	—	408 - 405	18.21	6.29	.141	28	WILL CONVERT TO PUMP
1430	"	8300	405 - 402	18.18	6.31	.140	20	STOP @ 1630.

9/16

9/17

GM-73D - 11



Tetra Tech NUS, Inc.

### MONITORING WELL DEVELOPMENT RECORD

3 in Grundfos Pump (-5 HP)

53.66 (TPVC)

Well: GM-73D Depth to Bottom (ft.): 411' BGS Responsible Personnel: CONTI  
 Site: NWIRP Static Water Level Before (ft.): 51.96" Drilling Co.: UTD  
 Date Installed: 9-12-02 Static Water Level After (ft.): \_\_\_\_\_ Project Name: NWIRP - BETH PAGE  
 Date Developed: 9-16 > Screen Length (ft.): 10' Project Number: N4037  
 Dev. Method: AIR LIFT / PUMP Specific Capacity: 1' D/E 15 GPM  
 Pump Type: SUBMERSIBLE Casing ID (in.): 4"  
-5 HP GRUNDFOS (3")

LAMOTTE SN 6354 4197  
HORIBA TDO52026

HORIBA / LAMOTTE  
U22 / 2020

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units $\rightarrow$ mS/cm)	Turbidity (NTU)	Remarks (odor, color, etc.)
0720	-	<del>8300</del> PREVIOUS	53.66					$\approx$ 15 GPM
0915	START		53.30	USING	PUMP	SEEN $\approx$	100 BGS	* CHECK w/ PH PAPER OK 4-5
0945		450	54.65	17.47	4.52	.187	38	CLEAR - V. SL. TURBID
1015		900	54.64	17.61	4.93	.157	12	RECHECK w/ CALIB FW'D OK. PH PAPER = 5 - CLEAR
1030		1125	54.63	17.01	5.06	.153	8	
1045		1350	54.63	17.35	5.08	.152	7	CLEAR - TANK FULL. WILL PUMP ONE MORE TANK. PUMP OFF
1050	±		53.42					
1315	START		53.39					
1330		1575	54.60	17.78	5.18	.157	5	CLEAR. $\approx$ 15 GPM
1345		1800	54.58	17.96	5.21	.155	9	PH Paper = 5
1400		2025	54.57	17.26	5.14	.151	4	<b>STOP</b> 273 (mv)
1415		2250	54.56	17.52	5.14	.154	4	-1.3 CLEAR
1430		2475	54.55	17.50	5.12	.153	3	2
1445		2700	54.55	17.51	5.11	.154	3	2 CLEAR
		+ 8300						
		<u>11000</u>	<u>TOTAL ±</u>					
								NOTE: PUMP WAS STOPPED / STAGED $\approx$ 4 TIMES EACH HOUR.

9/18  
9/19

G3730-M11