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GM-38 Area Vertical Profile Boring Installation Summary Report

Naval Weapons Industrial Reserve Plant (NWIRP)

Bethpage, New York

U. S. Navy
Engineering Field Activity Northeast

Contract Number N62472-94-D-0398

Contract Task Order 812

February 2002

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TETRA TECH NUS, INC.

GM-38 AREA VERTICAL PROFILE BORING INSTALLATION SUMMARY REPORT

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

COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

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1.0 INTRODUCTION

This report summarizes the installation of six vertical profile borings (VPB) in the GM-38 Area located off of the property owned by the Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage, in Bethpage, New York. The VPBs were installed to collect subsurface lithology and depth specific groundwater samples from these borings to establish a vertical profile of groundwater contamination at each location. 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 N62472-94-D-0398.

1.1 SCOPE OF WORK

Six VPBs (VPB-40, VPB-47, VPB-48, VPB-51, VPB-42 and VPB-49C) were drilled at locations in the GM-38 Area, which is located north of the Hempstead Turnpike and west of the Seaford-Oyster Bay Expressway (see Figure 1). The purpose of these VPBs is to define the extent of volatile organic compound (VOC) groundwater contamination around the GM-38 Area. The VPBs were installed upgradient, downgradient, and side gradient of the GM-38 Area, which is upgradient of Plant 5 of the Bethpage Water District. Figure 1 illustrates the locations of these VPBs. Soil and groundwater samples were collected at depth-specific intervals from each VPB. Total depths for each VPB are as follows:

- 760 feet for VPB-40
- 800 feet for VPB-47
- 760 feet for VPB-48
- 800 feet for VPB-51
- 540 feet for VPB-42
- 540 feet for VPB-49C

These depths (VPB-40, VPB-47, VPB-48 and VPB-51) reflect the approximate top of the Raritan Confining Unit. Vertical Profile Borings VPB-42 and VPB-49C, which were drilled during March and April of 2002, reflect data gaps that existed from the previous four borings.

Tables 3-1, 3-2, 3-3, 3-4, 3-9 and 3-10 summarize groundwater sampling activities performed at VPB-40, 47, 48, 51, 42 and 49C respectively.

1.2 REPORT FORMAT

This report presents the methodology, field forms, and analytical results for the installation of the VPBs. Section 1.0 provides a brief introduction and summary of the scope of work. Field methodologies for VPB installation are provided in Section 2.0. Boring logs, borehole geophysical logs, groundwater sample log sheets, soil sample log sheets (for TOC samples), QA sample log sheets, chain-of-custody (COCs) forms, and analytical results for each VPB are provided in Section 3.0.

2.0 DRILLING AND SAMPLING

This section describes the field methodologies for installation of the off-site VPBs. The work was performed in accordance with the Work Plan Addendum For Additional Vertical Profile Borings Adjacent to The Naval Weapons Industrial Reserve Plant (NWIRP), Bethpage, New York (TtNUS). This served as an addendum to the Work Plan for Monitoring Well Installation (2000) and the subsequent addendum dated March 2001. All work was performed from May through August 2001 (VPB-40, VPB-47, VPB-48 and VPB-51) VPB's VPB-42 and VPB-49C were drilled from March through April 2002. Uni-Tech Drilling Company, Inc. (UTD), of Malaga, New Jersey, drilled the VPBs 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, and Severn Trent Laboratories (STL) of Pittsburgh, Pennsylvania performed the analytical testing on the soil samples under subcontract to TtNUS.

2.1 DRILLING METHODOLOGY

All VPBs were advanced using mud rotary drilling techniques.

2.1.1 Mud Rotary

VPBs were reamed to eight inches in diameter ranging in depth from 140 to 150 feet below ground surface (bgs). Due to sloughing of the upper borehole, 6-inch diameter, Schedule 40 PVC temporary surface casing was installed from the ground surface 140 to 150 feet bgs. From this point, the VPBs were 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.

Boring logs are provided for each VPB in Section 3.0.

2.2 SOIL SAMPLING

Soil samples were collected from VPBs for lithology description and, at selected intervals determined in the field, soil samples were collected at two different intervals in each VPB and submitted for analysis of Total Organic Carbon (TOC) with the exception of VPB-40, VPB-42 and VPB-49C, which did not have TOC samples collected. The results of the TOC analyses will provide supporting data for defining VOC retardation rates as part of construction of a groundwater contaminant transport model. Collection of soil

samples for TOC analysis were sampled at depths where highly permeable zones existed (typically between 200 and 500 feet). The depths and frequencies of soil sampling for all VPBs were as follows:

- From the water table to 200 feet below ground surface (bgs), soil sampling for lithologic classification was performed at 50-foot intervals, then at 20-foot intervals to the terminal depth of the borehole.
- Two soil samples from highly permeable zones were collected for TOC analysis.

Soil samples were collected using 2-inch diameter split-spoon samplers according to 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.

Soil sample log sheets for soil samples collected for TOC are provided in Section 3.0.

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 samples. After advancement of the borings to the appropriate sample interval, 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 sample 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.

Groundwater sample log sheets are provided in Section 3.0 for groundwater samples collected from each VPB.

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,
- rinsate blanks once a week (performed on the hydropunch only),
- drilling mud sample (at the discretion of the field geologist),
- and duplicates at a rate of 1 per 10 groundwater samples collected.

Tables 3-5, 3-6, 3-7, 3-8, 3-11 and 3-12 summarize the QA samples collected at VPB-40, 47, 48, and 51, 42 and 49C respectively. QA sample log sheets are provided in Section 3.0 for QA samples collected from each VPB.

2.4 BOREHOLE GEOPHYSICAL LOGGING

Borehole geophysical logs were recorded in all 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. In those instances where the temporary PVC casing could not be removed totally because of breaking-off downhole, the casing was grouted in place.

Geophysical borehole log printouts are provided in Section 3.0.

3.0 FIELD FORMS AND ANALYTICAL RESULTS

This section is a compilation of the field forms and analytical results associated with each VPB. The field forms and analytical results are presented as Appendices A through F. Field forms for each VPB include the following:

- Boring logs
- Borehole geophysical logs
- Groundwater sample log sheets
- Soil sample log sheets (for TOC samples)
- QA sample log sheets
- Chain of custody records

Also included are copies of soil and 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 3-12.

TABLE 3-1
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 40
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 1 OF 2

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
1	BP-VPB-40-5254	50	ND	Good sample.
2	BP-VPB-40-100102	100	ND	Good sample.
3	BP-VPB-40-151152	150	ND	Good sample.
4	BP-VPB-40-201202	200	17	Sample possibly cross-contaminated with drilling mud based on high specific conductance (1.5).
5	NA	220	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (silt). Will make an attempt to collect ground water sample at 230'.
6	BP-VPB-40-231233	230	ND	Sample possibly cross-contaminated with drilling mud based on high specific conductance (1.89).
7	BP-VPB-40-241242	240	ND	Good sample.
8	BP-VPB-40-263264	260	31	Good sample.
9	BP-VPB-40-283284	280	327	Good sample.
10	BP-VPB-40-302303	300	2	Sample has the appearance of cross-contamination with drilling mud.
11	NA	320	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (clay). Clay layer extended to ~338', therefore an attempt to collect a sample at the next 10' interval (330') was not made.
12	BP-VPB-40-342343	340	ND	Sample has the appearance of cross-contamination with drilling mud.
13	BP-VPB-40-362363	360	2	Sample collected on second attempt at this interval. Sample has the appearance of cross-contamination with drilling mud.
14	BP-VPB-40-382383	380	ND	Sample has the appearance of cross-contamination with drilling mud.
15	BP-VPB-40-401402	400	19	Good sample.
16	BP-VPB-40-422423	420	2	Sample has the appearance of cross-contamination with drilling mud.
17	BP-VPB-40-441442	440	ND	Good sample.
18	BP-VPB-40-462463	460	ND	Sample has the appearance of cross-contamination with drilling mud.
19	BP-VPB-40-481482	480	ND	Good sample.
20	BP-VPB-40-501502	500	ND	Sample possibly cross-contaminated with drilling mud based on high specific conductance (1.58) consistant with that of drilling mud (1.53).
21	BP-VPB-40-521522	520	ND	Good sample.
22	BP-VPB-40-541542	540	ND	Good sample.
23	BP-VPB-40-561562	560	ND	Sample has the appearance of cross-contamination with drilling mud.
24	BP-VPB-40-582583	580	ND	Good sample.
25	BP-VPB-40-601602	600	ND	Sample possibly cross-contaminated with drilling mud based on high specific conductance (1.49) consistant with that of drilling mud (1.53).
26	BP-VPB-40-621622	620	ND	Sample has the appearance of cross-contamination with drilling mud.
27	BP-VPB-40-641642	640	ND	Sample has the appearance of cross-contamination with drilling mud.
28	NA	660	NA	No attempt to collect a ground water sample at this interval due to contents of split spoon (silty clay/silty clayey sand).
29	BP-VPB-40-682683	680	ND	Sample has the appearance of cross-contamination with drilling mud.
30	BP-VPB-40-702703	700	ND	Sample has the appearance of cross-contamination with drilling mud.
31	BP-VPB-40-721722	720	ND	Sample has the appearance of cross-contamination with drilling mud.
32	BP-VPB-40-741742	740	ND	Sample has the appearance of cross-contamination with drilling mud.
33	NA	760	NA	End of borehole.

TABLE 3-1
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 40
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 2 OF 2

Notes:

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

1. Samples were taken on 50-foot centers to 200 feet, then on 20-foot centers thereafter to the total depth of the borehole. In those instances where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval.
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 760 feet.

TABLE 3-2
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 47
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 1 OF 2

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
1	BP-VPB-47-052053	50	8	Good sample.
2	NA	100	NA	No recovery after first attempt. No second attempt was made due to dry sand.
3	NA	120	NA	No sample collected at this interval due to hydropunch screen not opening on the first attempt, and the screen clogged on the second attempt.
4	BP-VPB-47-132133	130	ND	Good sample.
5	BP-VPB-47-152153	150	1	Good sample.
6	NA	200	NA	No recovery due to dry sand.
7	BP-VPB-47-212213	210	ND	Good sample.
8	BP-VPB-47-222223	220	12	Good sample.
9	BP-VPB-47-242243	240	40	Good sample.
10	BP-VPB-47-262263	260	182	Good sample.
11	BP-VPB-47-282283	280	181	Good sample.
12	BP-VPB-47-302303	300	280	Good sample.
13	NA	320	NA	No sample collected at this interval. No recovery after the first attempt; no second attempt made due to dry sand.
14	BP-VPB-47-344345	340	716	Collected a good sample on the second attempt at this interval. No recovery after first attempt due to a clogged screen/hydropunch not open fully.
15	NA	360	NA	No sample collected at this interval. No recovery after the first attempt; no second attempt made due to dry sand.
16	BP-VPB-47-382383	380	185	Good sample.
17	BP-VPB-47-402403	400	945	Good sample.
18	BP-VPB-47-422423	420	20	Good sample.
19	NA	440	NA	No sample collected at this interval. No recovery after the first attempt; no second attempt made due to dry sand.
20	NA	460	NA	No sample collected at this interval. No recovery after the first attempt; no second attempt made due to dry sand/clay clogging hydropunch screen.
21	NA	470	NA	No sample collected at this interval. No recovery after first attempt; no second attempt made due to dry sand.
22	BP-VPB-47-482483	480	118	Good sample.
23	NA	500	NA	No sample obtained after two attempts at this interval.
24	NA	510	NA	No sample collected at this interval. No recovery after first attempt. No second attempt made.
25	NA	520	NA	No sample obtained at this interval after two attempts.
26	BP-VPB-47-532533	530	ND	Good sample.
27	BP-VPB-47-541542	540	10	Sample has the appearance of cross-contamination with drilling mud.
28	BP-VPB-47-561562	560	10	Sample has the appearance of cross-contamination with drilling mud.
29	NA	580	NA	No sample obtained at this interval due to silty sand clogging the screen.
30	BP-VPB-47-592593	590	ND	Good sample.
31	BP-VPB-47-601602	600	ND	Good sample.
32	BP-VPB-47-622623	620	ND	Good sample.
33	NA	640	NA	No sample obtained at this interval after two attempts.
34	NA	650	NA	No sample collected at this interval. No recovery after first attempt. No second attempt made due to dry sand.
35	NA	660	NA	No sample obtained at this interval. No recovery after first attempt. No second attempt made due to dry formation.
36	BP-VPB-47-671672	670	2	Good sample.
37	BP-VPB-47-681682	680	2	Good sample.
38	BP-VPB-47-701702	700	1	Good sample.

TABLE 3-2
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 47
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 2 OF 2

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
39	BP-VPB-47-721722	720	ND	Sample has the appearance of cross-contamination with drilling mud.
40	BP-VPB-47-741742	740	378[3]	Sample has the appearance of cross-contamination with drilling mud.
41	NA	760	NA	No attempt made to collect sample at this interval due to clay formation.
42	NA	780	NA	No attempt made to collect sample at this interval due to clay formation.
43	NA	800	NA	End of borehole.

Notes:

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

1. Samples were taken on 50-foot centers to 200 feet, then on 20-foot centers thereafter to the total depth of the borehole. In those instances where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval.
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.
3. 4-Methyl-2-Pentanone (58 ug/L) and 2-Hexanone (320 ug/l).

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 800 feet.

TABLE 3-3
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 48
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 1 OF 2

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
1	NA	50	NA	No sample recovery on first attempt. No second attempt made due to presence of silt/clay on hydropunch screen. Will attempt to collect a sample at the 70' interval.
2	NA	70	NA	Two attempts to collect ground water sample were unsuccessful at this interval. Will attempt to collect sample at the 100' interval.
3	BP-VPB-48-102103	100	ND	Good sample.
4	BP-VPB-48-151152	150	ND	Good sample.
5	BP-VPB-48-201202	200	104	Good sample. Also collect first TOC sample at this interval.
6	BP-VPB-48-222223	220	56	Good sample.
7	BP-VPB-48-242243	240	3	Good sample.
8	BP-VPB-48-262263	260	102	Good sample.
9	BP-VPB-48-282283	280	33	Good sample.
10	BP-VPB-48-302303	300	34	Good sample.
11	BP-VPB-48-322323	320	4	Good sample.
12	BP-VPB-48-342343	340	20	Sample has the appearance of cross-contamination with drilling mud.
13	BP-VPB-48-362363	360	30	Sample has the appearance of cross-contamination with drilling mud.
14	BP-VPB-48-382383	380	3	Sample has the appearance of cross-contamination with drilling mud.
15	BP-VPB-48-402403	400	51	Good sample. Also collect second TOC sample at this interval.
16	BP-VPB-48-422423	420	ND	Good sample.
17	BP-VPB-48-442443	440	ND	Good sample.
18	NA	460	NA	First attempt to collect ground water sample was unsuccessful due to hydropunch screen clogged with silt/clay. No second attempt made-will attempt to collect a ground water sample at the next 10' interval (470').
19	NA	470	NA	No attempt made to collect ground water sample due to clay layer present at 470'. Will attempt to collect a ground water sample at the next 10' interval (480).
20	BP-VPB-48-482483	480	ND	Good sample.
21	BP-VPB-48-502503	500	ND	Sample has the appearance of cross-contamination with drilling mud.
22	BP-VPB-48-522523	520	ND	Good sample.
23	BP-VPB-48-542543	540	ND	Sample has the appearance of cross-contamination with drilling mud.
24	BP-VPB-48-562563	560	ND	Sample has the appearance of cross-contamination with drilling mud.
25	BP-VPB-48-582583	580	ND	Good sample.
26	BP-VPB-48-602603	600	ND	Good sample.
27	BP-VPB-48-620621	620	ND	Sample has the appearance of cross-contamination with drilling mud.
28	BP-VPB-48-641642	640	ND	Good sample.
29	BP-VPB-48-661662	660	ND	Good sample.
30	BP-VPB-48-681682	680	ND	Good sample.
31	BP-VPB-48-701702	700	ND	Sample has the appearance of cross-contamination with drilling mud.
32	BP-VPB-48-721722	720	ND	Sample has the appearance of cross-contamination with drilling mud.
33	BP-VPB-48-741742	740	ND	Possible cross-contamination with drilling mud based on high specific conductance (1.24) consistent with that of drilling mud (1.34).
34	NA	760	NA	No attempt to collect a sample at this interval-encountered Raritan Clay. End of borehole.

TABLE 3-3
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 48
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 2 OF 2

Notes:

bgs: Below ground surface
NA: Not applicable
ND: Not detected
1. Samples were taken on 50-foot centers to 200 feet, then on 20-foot centers thereafter to the total depth of the borehole. In those instances where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval.

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 760 feet.

TABLE 3-4
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 51
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 1 OF 2

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
1	BP-VPB-51-052053	50	2	Good sample.
2	BP-VPB-51-101102	100	2	Good sample.
3	BP-VPB-51-151152	150	2	Good sample.
4	BP-VPB-51-202203	200	173	No recovery after first attempt at this interval. Good sample collected on second attempt.
5	BP-VPB-51-222223	220	881[3]	Good sample.
6	BP-VPB-51-241242	240	3144[4]	Good sample.
7	BP-VPB-51-261262	260	24	Good sample.
8	BP-VPB-51-282283	280	4	Good sample.
9	BP-VPB-51-301302	300	381	Good sample.
10	BP-VPB-51-321322	320	242	Good sample.
11	BP-VPB-51-341342	340	34	Sample has the appearance of cross-contamination with drilling mud.
12	BP-VPB-51-361362	360	7	Good sample.
13	BP-VPB-51-381382	380	6	Sample has the appearance of cross-contamination with drilling mud.
14	BP-VPB-51-402403	400	11	Good sample.
15	BP-VPB-51-421422	420	1	No recovery after first attempt at this interval. Sample has the appearance of cross-contamination with drilling mud (second attempt).
16	BP-VPB-51-441442	440	3	No recovery after first attempt at this interval. Good sample collected on second attempt.
17	BP-VPB-51-461462	460	49	Good sample.
18	BP-VPB-51-481482	480	ND	Sample has the appearance of cross-contamination with drilling mud.
19	NA	500	NA	No sample recovery after making two attempts at this interval.
20	BP-VPB-51-511512	510	38	Good sample.
21	BP-VPB-51-521522	520	ND	Sample has the appearance of cross-contamination with drilling mud. Also, high specific conductance (2.33) is consistent with that of drilling mud.
22	BP-VPB-51-541542	540	29	Sample has the appearance of cross-contamination with drilling mud.
23	BP-VPB-51-562563	560	17	Sample has the appearance of cross-contamination with drilling mud.
24	BP-VPB-51-580581	580	12	Good sample.
25	BP-VPB-51-601602	600	3	Good sample.
26	BP-VPB-51-620621	620	ND	Good sample.
27	BP-VPB-51-641642	640	ND	Good sample.
28	NA	660	NA	No recovery after first attempt to obtain sample. No second attempt made due to presence of clay on hydropunch screen/clay in split spoon.
29	NA	680	NA	No recovery after first attempt to obtain sample. No second attempt made due to presence of clay on hydropunch screen/clay in split spoon.
30	NA	690	NA	No attempt made due to the presence of very dense clay in the split spoon at this depth.
31	BP-VPB-51-701702	700	2	Good sample.
32	BP-VPB-51-721722	720	3	Sample has the appearance of cross-contamination with drilling mud.
33	NA	740	NA	No attempt to obtain a sample at this interval due to the formation (dense clay in split spoon).
34	NA	760	NA	No attempt to obtain a sample at this interval due to the formation (clay in split spoon).
35	BP-VPB-51-782783	780	ND	Good sample.
36	NA	800	NA	No sample collected-end of borehole.

TABLE 3-4
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 51
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 2 OF 2

Notes:

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

1. Samples were taken on 50-foot centers to 200 feet, then on 20-foot centers thereafter to the total depth of the borehole. In those instances where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval (at 500 and 680 feet).
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.
3. Sample was reanalyzed: result of the reanalysis = 765 ug/L total VOCs.
4. Sample was reanalyzed: result of the reanalysis = 3010 ug/L total VOCs.

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 800 feet.

TABLE 3-5
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 40
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB-082201	NA	ND	Laboratory-supplied trip blank.
2	BP-VPB-40-DUP1	200	18	Duplicate of BP-VPB-40-201202
3	BP-RB-082401	NA	ND	Rinsate blank performed on the hydropunch sampler.
4	BP-TB-082701	NA	ND	Laboratory-supplied trip blank.
5	BP-VPB-40-DUP2	380	1	Duplicate of BP-VPB-40-382383
6	BP-RB-083001	NA	ND	Rinsate blank performed on the hydropunch sampler.
7	BP-TB-083001	NA	ND	Laboratory-supplied trip blank.
8	BP-VPB-40-DM-600	600	ND	Drilling mud sample at the 600' interval.
9	BP-VPB-40-DUP3	600	ND	Duplicate of BP-VPB-40-601602
10	BP-TB-090401	NA	ND	Laboratory-supplied trip blank.
11	BP-TB-090601	NA	ND	Laboratory-supplied trip blank.
12	BP-RB-090601	NA	ND	Rinsate blank performed on the hydropunch sampler.

Notes:

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

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

TABLE 3-6
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 47
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB-051501	NA	ND	Laboratory-supplied trip blank.
2	BP-TB-051601-2	NA	ND	Laboratory-supplied trip blank.
3	BP-VPB-47-DUP1	240	38	Duplicate of BP-VPB-47-242243.
4	BP-VPB-47-DM210	210	ND	Drilling mud sample at the 210' interval.
5	BP-RB-051801	NA	ND	Rinsate blank performed on the hydropunch sampler.
6	BP-TB-052101-2	NA	ND	Laboratory-supplied trip blank.
8	BP-TB-052301-2	NA	ND	Laboratory-supplied trip blank.
7	BP-RB-052501	NA	ND	Rinsate blank performed on the hydropunch sampler.
9	BP-TB-052901	NA	ND	Laboratory-supplied trip blank.
10	BP-VPB-47-DUP2	530	2	Duplicate of BP-VPB-47-532533.
11	BP-RB-060101	NA	ND	Rinsate blank performed on the hydropunch sampler.
12	BP-TB-060401	NA	ND	Laboratory-supplied trip blank.
13	BP-VPB-47-DM740	740	ND	Drilling mud sample at the 740' interval.

Notes:

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

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

TABLE 3-7
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 48
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB-051601	NA	ND	Laboratory-supplied trip blank.
2	BP-VPB-48-DM260	260	2	Drilling mud sample at the 260' interval.
3	BP-RB-051701	NA	ND	Rinsate blank performed on the hydropunch sampler.
4	BP-VPB-48-DUP1	280	33	Duplicate of BP-VPB-48-282283.
5	BP-TB-052101	NA	ND	Laboratory-supplied trip blank.
6	BP-RB-052201	NA	ND	Rinsate blank performed on the hydropunch sampler.
7	BP-TB-052301	NA	ND	Laboratory-supplied trip blank.
8	BP-TB-052901-48	NA	ND	Laboratory-supplied trip blank.
9	BP-VPB-48-DUP2	640	ND	Duplicate of BP-VPB-48-641642.
10	BP-RB-053001-48	NA	ND	Rinsate blank performed on the hydropunch sampler.
11	BP-VPB-48-DUP3	680	ND	Duplicate of BP-VPB-48-681682.

Notes:

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

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

TABLE 3-8
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 51
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB-071801	NA	ND	Laboratory-supplied trip blank.
2	BP-RB-071801	NA	ND	Rinsate blank performed on the hydropunch sampler.
3	BP-VPB-51-DM200	200	1	Drilling mud sample at the 200' interval.
4	BP-TB-072301	NA	ND	Laboratory-supplied trip blank.
5	BP-VPB-51-DUP1	280	1	Duplicate of BP-VPB-51-282283.
6	BP-VPB-51-DUP2	400	9	Duplicate of BP-VPB-51-402403.
7	BP-TB-072501	NA	ND	Laboratory-supplied trip blank.
8	BP-VPB-51-DUP3	460	53	Duplicate of BP-VPB-51-461462.
9	BP-RB-072601	NA	ND	Rinsate blank performed on the hydropunch sampler.
10	BP-TB-073001	NA	ND	Laboratory-supplied trip blank.
11	BP-VPB-51-DUP4	620	ND	Duplicate of BP-VPB-51-620621.
12	BP-RB-080101	NA	ND	Rinsate blank performed on the hydropunch sampler.
13	BP-TB-080101	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 3-9
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 42
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 1 OF 1

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments	pH	S.C. (mS/cm)	Temp. (°C)	Turb. (NTU)	DO (mg/L)	ORP (mV)	Salinity (%)	TDS (g/L)
1	BP-VPB-42-052053	52	1	Only 1 vial due to insufficient volume								
2	BP-VPB-42-102103	102	ND	Good sample	6.24	1.57	17.4	NA	11.8	171	0.1	1
3	BP-VPB-42-152153	152	ND	Good sample	5.74	0.495	16.3	NA	7.7	155	0	0.32
4	BP-VPB-42-202203	202	32	Good sample	5.91	0.537	12.4	NA	10.8	132	0	0.34
5	BP-VPB-42-222223	222	ND	Only 1 vial due to insufficient volume								
6	BP-VPB-42-241242	241	3	Good sample	6.78	1.37	12.7	NA	4.07	110	0.1	0.9
7	BP-VPB-42-262263	262	ND	Good sample	6.89	0.339	12.1	NA	2.82	-32	0	0.22
8	BP-VPB-42-281282	281	ND	Good sample	6.62	0.926	12.1	NA	1.96	-26	0	0.59
9	BP-VPB-42-301302	301	ND	Good sample	6.74	1.37	10	NA	3.69	141	0.1	0.9
10	BP-VPB-42-322323	322	11	Good sample	5.92	0.282	11	231	4.72	168	0	0.18
11	BP-VPB-42-341342	341	8	Good sample	6.14	0.566	11.4	NA	4.07	100	0	0.36
12	BP-VPB-42-361362	361	3	Good sample	5.74	0.369	12.8	NA	2.27	118	0	0.24
13	BP-VPB-42-382383	382	ND	Only 1 vial due to insufficient volume								
14	BP-VPB-42-401402	401	ND	Only 1 vial due to insufficient volume								
16	BP-VPB-42-421422	421	ND	Only 1 vial due to insufficient volume								
17	BP-VPB-42-441442	441	ND	2 vials but not enough for parameters								
18	BP-VPB-42-461462	461	ND	Good sample	6.36	1.06	14.3	NA	2.78	146	0	0.7
19	BP-VPB-42-481482	481	ND	Good sample	6.71	0.762	14.7	NA	1.44	85	0	0.49
20	BP-VPB-42-501502	501	ND	Good sample	6.73	1.36	15.8	NA	5.76	120	0.1	0.9
21	BP-VPB-42-521522	521	ND	2 vials but not enough for parameters								
22	BP-VPB-42-541542	541	ND	2 vials but not enough for parameters								

Notes:

bgs: Below ground surface
NA: Not applicable
ND: Not detected
1. Samples were taken on 50-foot centers to 200 feet, then on 20-foot centers thereafter to the total depth of the borehole.

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

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 540 feet.

TABLE 3-10
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 49C
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
PAGE 1 of 1

Number	Sample ID	Depth (bgs)(1)	Total VOCs (ug/L)(2)	Comments	pH	S.C. (mS/cm)	Temp. (°C)	Turb. (NTU)	DO (mg/L)	ORP (mV)	Salinity (%)	TDS (g/L)
1	BP-VPB-49C-052053	52	1	Only 1 vial due to insufficient volume								
2	BP-VPB-49C-101102	101	4	Good sample	6.26	0.487	13.2	NA	10.89	135	0	0.32
3	BP-VPB-49C-152153	152	1	Good sample	6.72	1.54	18.3	NA	3.96	133	0.1	1
4	BP-VPB-49C-201202	201	ND	Good sample	6.91	1.08	14.9	NA	2	96	0	0.7
5	BP-VPB-49C-221222	221	ND	Only 1 vial due to insufficient volume								
6	BP-VPB-49C-242243	242	1	Only 1 vial due to insufficient volume								
7	BP-VPB-49C-261262	261	57	Good sample	6.81	0.458	11.4	NA	5.85	85	0	0.3
8	BP-VPB-49C-281282	281	2	Good sample	6.3	2.25	11.9	NA	12.19	141	0.1	1.4
9	BP-VPB-49C-301302	301	43	Good sample	6.18	0.789	12.1	NA	5.18	106	0	0.5
10	BP-VPB-49C-321322	321	1	Only 1 vial due to insufficient volume								
11	BP-VPB-49C-342343	342	57	Good sample	5.21	0.305	11.6	NA	1.88	139	0	0.2
12	BP-VPB-49C-362363	362	10	Good sample	6.29	1.86	12.6	NA	2.13	108	0.1	1.2
13	BP-VPB-49C-381382	381	NA	No Sample-Hydropunch was dry								
14	BP-VPB-49C-401402	401	NA	No Sample-Hydropunch was dry								
15	BP-VPB-49C-411412	411	ND	Only 1 vial due to insufficient volume								
16	BP-VPB-49C-421422	421	2	Good sample	6.62	0.732	11.2	NA	1.15	48	0	0.47
17	BP-VPB-49C-441442	441	1	Good sample	6.8	1.36	11.9	NA	2.48	48	0.1	0.9
18	BP-VPB-49C-461462	461	ND	Good sample	6.81	0.59	11.9	NA	3.78	46	0	0.38
19	BP-VPB-49C-481482	481	2	Good sample	6.68	1.74	12.2	NA	2.76	72	0.1	1.1
20	BP-VPB-49C-501502	501	3	Good sample	7.09	1.97	12.2	NA	5.25	94	0.1	1.3
21	BP-VPB-49C-522523	522	NA	No Sample-Hydropunch was dry								
22	BP-VPB-49C-531532	531	NA	No Sample-Hydropunch was dry								
23	BP-VPB-49C-532533	532	3	Good sample	6.98	2	12.1	NA	3.92	82	0.1	1.3
24	BP-VPB-49C-542543	542	ND	Good sample	5.73	0.95	12.6	NA	5.73	120	0	0.6

Notes:

bgs: Below ground surface
NA: Not applicable
ND: Not detected
1. Samples were taken on 50-foot centers to 200 feet, then on 20-foot centers thereafter to the total depth of the borehole. In those instances where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval.
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 540 feet.

TABLE 3-11
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 42
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB-040302	NA	ND	Laboratory-supplied trip blank.
2	BP-VPB-42-DUP1	152	ND	Duplicate of BP-VPB-42-152153
3	BP-RB-040302	NA	ND	Rinsate blank performed on the hydropunch sampler.
4	BP-VPB-42-DM200	200	ND	Drilling mud sample at the 200' interval.
5	BP-TB-040802	NA	ND	laboratory-supplied trip blank.
6	BP-VPB-42-DUP2	341	8	Duplicate of BP-VPB-42-341342
7	BP-TB-041002	NA	ND	Laboratory-supplied trip blank.
8	BP-VPB-42-DM500	500	ND	Drilling mud sample at the 500' interval.
9	BP-RB-040802	NA	ND	Rinsate blank performed on the hydropunch sampler.

Notes:

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

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

TABLE 3-12
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 49-C
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

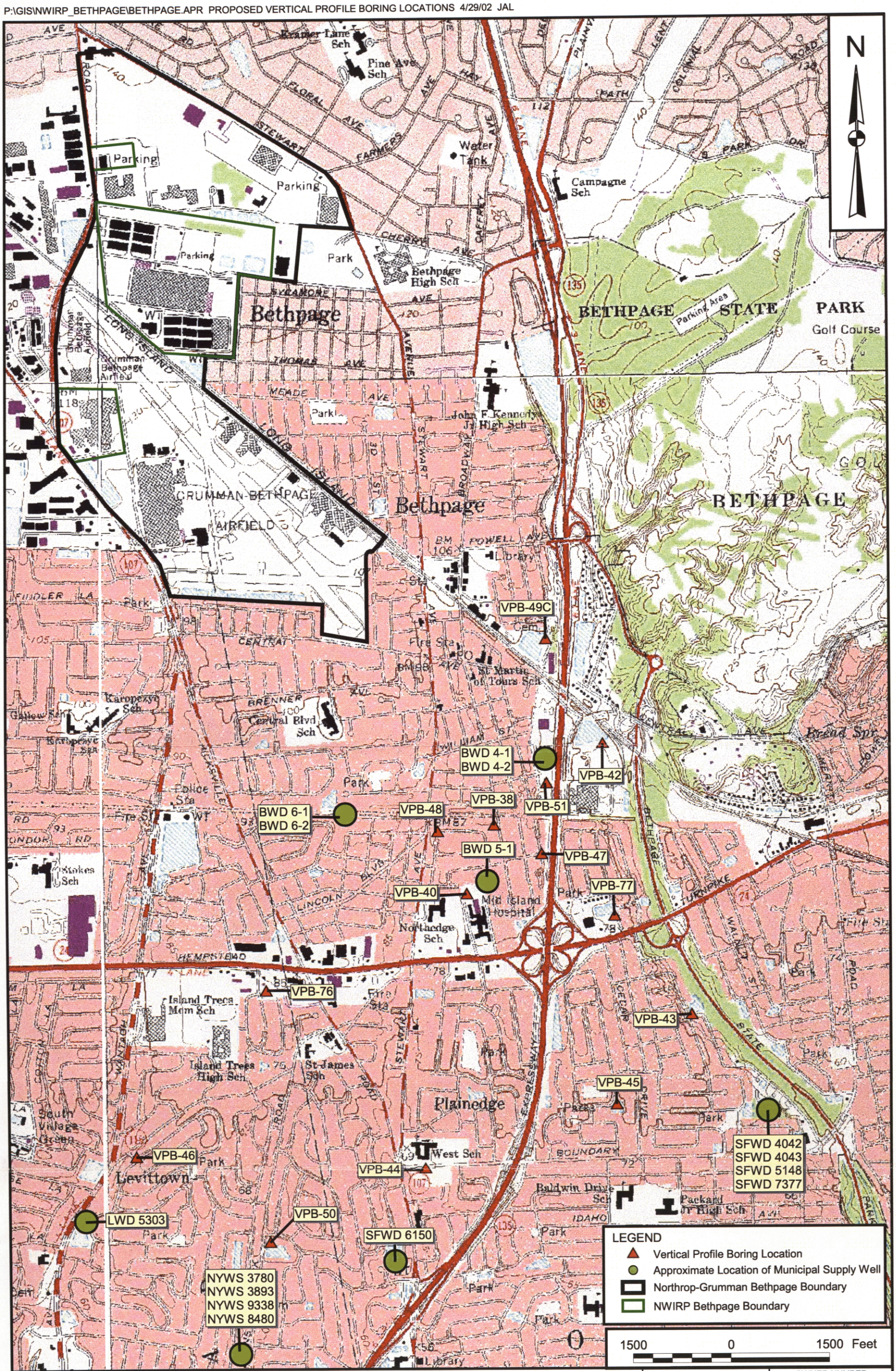
Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB-030602	NA	ND	Laboratory-supplied trip blank.
2	BP-VPB-49C-DUP1	152	1	Duplicate of BP-VPB-49C-152153
3	BP-RB-030702	NA	ND	Rinsate blank performed on the hydropunch sampler.
4	BP-VPB-49C-DM200	200	1	Drilling mud sample at the 200' interval.
5	BP-TB-031102	NA	ND	laboratory-supplied trip blank.
6	BP-VPB-49C-DUP2	341	45	Duplicate of BP-VPB-49C-301302
7	BP-TB-031302	NA	ND	Laboratory-supplied trip blank.
8	BP-VPB-49C-DM500	500	3	Drilling mud sample at the 500' interval.
9	BP-RB-031402	NA	ND	Rinsate blank performed on the hydropunch sampler.

Notes:

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

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

P:\GIS\NWIRP_BETHPAGE\BETHPAGE.APR PROPOSED VERTICAL PROFILE BORING LOCATIONS 4/29/02 JAL



DRAWN BY J. LAMEY	DATE 4/28/00	Tetra Tech NUS, Inc.	CONTRACT NUMBER N4037 / OWNER NUMBER —
CHECKED BY —	DATE —	LOCATION OF VERTICAL PROFILE BORINGS NAVAL WEAPONS INDUSTRIAL RESERVE PLANT BETHPAGE, NEW YORK	APPROVED BY — / DATE —
COST/SCHEDULE-AREA			APPROVED BY — / DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 1 / REV 0

Appendix A

VPB-40

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
BORING NUMBER: VPB-40
PROJECT NUMBER: N 4037
DATE: 8-21-01
DRILLING COMPANY: Uni Tech
GEOLOGIST: Cercone
DRILLING RIG: Failing
DRILLER: Baen

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0					Tan	SAND &			0	0	0	0
							GRAVEL						
							Cutting were						
	10						visually			0	0	0	0
							LOGGED						
	20									0	0	0	0
										0	0	0	0
	30												
	40									0	0	0	0
	50									0	0	0	0

* 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 X No ____ Well I.D. #: VPB-40

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Unitech
DRILLING RIG: FAILING
BORING NUMBER: VPB-40
DATE: 8-21
GEOLOGIST: Cercone
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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	50	48/62	2"/24			wh/tc	GRAVEL		SAMPLE:	0	0	0	0
		38/10					subangular to		BP-VPB40-				
							subrounded (90%)		5254				
							Coarse SAND (10%)						
	60									0	0	0	0
							GRAVEL & SAND						
	70									0	0	0	0
	80									0	0	0	0
	90									0	0	0	0
	100						↓			0	0	0	0

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No x Well I.D. #: VPB-40

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4057
DRILLING COMPANY: Unitech
DRILLING RIG: Failing
BORING NUMBER: VPB40
DATE: 8/21 -
GEOLOGIST:
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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		74 / 100	1/2" 5"			Br	SAND, well		Sample	0	0	0	0
							sorted, f-m		BP-VPB40				
							lacks gravel.		-100102				
	110												
							Sand						
	120									0	0	0	0
	130												
	140									0	0	0	0
	150												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
BORING NUMBER: VPB 40
PROJECT NUMBER: N4037
DATE: 8-21
DRILLING COMPANY: Unitech
GEOLOGIST: Cercom
DRILLING RIG: FAILING
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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	150	150/6"	3/6"			Br	SAND, med-		Sample:	0	0	0	0
							coarse,		BP-VPB40-				
							subangular.		151152				
							LACKS Gravels						
	160												
	170												
	180												
	190												
	200												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: VPB - 40

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Unitech
DRILLING RIG: FAILING
BORING NUMBER: VPB 40
DATE: 8-21
GEOLOGIST: Cercone
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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	200	75 / 100 5	5/11"			TAN	SAND, medium		SAMPLE:	0	0	0	0
						BUFF	LACKS SILT OR		BP-VPB40-				
							GRAVEL or clay		201202				
							well sorted						
	210												
							CLAY AT 205'						
							reported by						
							driller.						
	220	51 / 100 9				BLACK	SILT, LAMINATED		No SAMPLE	0	0	0	0
							LAMINATIONS ARE		DUE TO LOW				
							HORIZONTAL		PERMEABILITY				
	230					BUFF	SAND, medium		SAMPLE:				
							iron stained		BP-VPB40-				
							tr. mica.		231233				
	240	56 / 100 11	5/7"			BUFF	Silty SAND,		SAMPLE:	0	0	0	0
							fine-med.		BP-VPB40-				
							iron STAINED.		241242				
	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): 0

Converted to Well: Yes ____ No X Well I.D. #: VPB-40

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
BORING NUMBER: VPB-40
PROJECT NUMBER: N4037
DATE: 8-21
DRILLING COMPANY: Unitech
GEOLOGIST: Cercone
DRILLING RIG: Failing
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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	250												
	260	56/100 5"	5/11"			Orange	SAND, orange		SAMPLE:	0	0	0	0
							iron STAINING.		BP-VPB40-				
							No other		263264				
							features						
	270												
	280	36/100 5"	4/11"			Br	SAND, medium		SAMPLE:				
						Or	trace Clay,		BP-VPB40				
							trace lignite		281282				
	290												
	300												

* 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 X Well I.D. #: VPB-40

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 8/27/01
GEOLOGIST: Mark Norvick
DRILLER: ~~J. Evans~~ Bob 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	290						Sand based on drilling			0	0	0	0
S-10 @ 1025	300	32 100/6	6"			Org tan	Med - fine grain sand trace of silt		HP-9 @ 1145 BP-VPB-40-302303	0	0	0	0
	310						Sand based on drilling			0	0	0	0
	315						Black lignite with traces of white/grey clay + ironish sand						
S-11 @ 1215	320	12 52 100/3	16"		2" 2" 12"		dark grey clay lt. grey sand with silt dry lt. grey fine grain sand with banded lignite		No hydropunch attempted due to very dry sand and thick clay layer	0	0	0	0
	330						lt. grey thick clay based on drilling		Thick clay layer ended around 337-339-	0	0	0	0

* 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): 0.0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 8/27/01
GEOLOGIST: Mark Norvick
DRILLER: ~~J. Evans~~ Bob 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-12	340	52/47	~~340~~ (W)		2"	Red	very oxidized sand		HP-10 @ 1425	0	0	0	0
@ 1305		100/7	9"		7"	org tan	moist fine to med. grain		BP-VPB-40-342343				
						grey	Sand with trace of silt						
					top ½"	lt grey	thick dense clay						
	350						Sand based on drilling			0	0	0	0
S-13 @	360	170/6	4"		4"	org tan	wet med grain sand		HP-11 @ 1610	0	0	0	0
1455						grey			No recovery				
									HP-12 @ 0920				
									BP-VPB-40-362363				
	370						Sand with clay lenses			0	0	0	0
							based on drilling						
S-14 @	380	55/41	14"		2"	tan	fine to mid grain sand		HP-12 @ 1115	0	0	0	0
0955		100/3					with some silt		BP-VPB-40-382383				
					3"	gray	fine to mid grain sand with		-DUP2				
							traces of silt & clay lignite						
					2"	org	fine to mid grain sand w/some silt						
					7"	gray	fine to med grain sand						

8/27
8/28

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 8/28/01
GEOLOGIST: Mark Norwick
DRILLER: ~~J. Evans~~ Bob 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	390						silty clayey sand based on drilling			0	0	0	0
S-15 @ 1145	400	150/6	4"			grey black org	silty clayey sand with some lignite		HP-13 @ 1305 BP-VPB-40-401402	0	0	0	0
	410						Sand based on drilling						
S-16 @ 1335	420	63/100/6	12"		1"	black grey	fine sand with some clay + silt + lignite		HP-14 @ 1445 BP-VPB-40-402423	0	0	0	0
					11"	grey	fine grain sand with some silt						
8/28													
8/30	430						~~Clay~~ based on drilling Sand			0	0	0	0

* 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): 0.0

Converted to Well: Yes ___ No ___ Well I.D. #:

VPB40 A-9

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 407
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 8/30/01
GEOLOGIST: Mark Navicke
DRILLER: ~~J. Evans~~ Rob 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-17 @ 0850	440	38 / 100/3	9"		2"	grey	silty clay with sand		HP-15 @ 1020	0	0	0	0
					7"	grey	fine grain sand with silt		BP-VPB-40-44/44a				
	450						Mixed clay + sand based on drilling			0	0	0	0
S-18 @ 1055	460	28 / 69	8"		2"	dark grey	silty clay		HP-16 @ 1225	0	0	0	0
		100/2			6"	grey	fine grain sand with silt + lignite		BP-VPB-40-46/46a				
	470						Sand based on drilling			0	0	0	0
S-19 @ 1255	480	150/5	5"		1"	grey	silty clay		HP-17 @ 1420	0	0	0	0
					4"	grey	fine grain sand with silt + lignite		BP-VPB-40-48/48a				

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes VPB40 A-10 Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 8/30/01
GEOLOGIST: Mark Nowick
DRILLER: ~~J. Evans~~ Rob 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	490						Sand based on drilling			0	0	0	0
S-20 @	500	23/41	5"		1/2"	white	silty clay		HP-18 @ 1555	0	0	0	0
1450		100/2			4 1/2"	org gray	med to fine grain		BP-VPB-40-501502				
							sand with silt traces						
	510						Sand with clay lenses based			0	0	0	0
							on drilling						
S-21 @	520	21/100/3	5"		5"		mixed colored med grain		HP-19 @ 1735	0	0	0	0
1620							sand with quartz		BP-VPB-40-521522				
							Clay based on drilling						
	530						Sand based on drilling			0	0	0	0

* 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): 0.0

Converted to Well: Yes ___ No ___ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 9/4/01
GEOLOGIST: Mark Norvick
DRILLER: ~~J Evans~~ Bob 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-22 @ 0815	540	51 100/4			dk grey pink		silty clay		HP-20 @ 0935	0	0	0	0
						grey		fine grain silty sand		BP-VPB-40-541542				
8/31														
9/4		550						Sand based on drilling			0	0	0	0
	S-23 @ 1220	560	100/6	6"		4"	dk grey white	dense silty clay		HP-21 @ 1340	0	0	0	0
						2"	grey	fine to med grain sand		BP-VPB-40-561562				
		570						Sand based on drilling			0	0	0	0
9/5	S-24 @ 1415	580	100/6	9"		1½"	white	silty clay		HP-22 @ 1530	-	-	-	-
						1½	grey	silty clay with hard sandstone		BP-VPB-40-582583				
						6"	grey	fine to med grain sand with silt						

* When rock coring, enter rock brokeness.

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

Remarks: No PID reading @580 - due to rain

Drilling Area Background (ppm): 0.0

Converted to Well: Yes

VPB40 A-12

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 9/5/01
GEOLOGIST: Mark Dorwick
DRILLER: ~~J. Evans~~ Rob 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	590						Sand based on drilling			0	0	0	0
							Clay						
SS-25 @ 0830	600	10/16	8"		4"	dk gray	dense silty clay		HP-23 @ 0830	0	0	0	0
					4"	tan	fine grain sand with silt		DP-VPB-40-601602				
									DP-VPB-40-0003				
	610						Mix of sand & clay based on drilling			0	0	0	0
SS-26 @ 1000	620	7/8	4"		4"	gray tan	med to fine grain sand with silt		HP-24 @ 1105	0	0	0	0
									DP-VPB-40-602622				
	630						sand based on drilling			0	0	0	0

* 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): 0.0

Converted to Well: Yes ___ VPB40 A-13 ___ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4031
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 9/5/01
GEOLOGIST: Mark Novick
DRILLER: ~~J. Evans~~ Bob 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
D-27 @	640	83 100%	5"		5"	gray	fine to med grain sand		HP-25 @ 1240	0	0	0	0
1135							with silt		BP-VPB-40-641644				
	650						Dense clay based on drilling			0	0	0	0
							mixed with quartz gravel						
D-28 @	660	100%	14"		3"	dk gry	silty clay		No HP taken due				
1320					11"	dry org	silty clayey sand (fine)		to formation being	0	0	0	0
					banded	green shale	with mica / very dry		extremely dry				
						pink wk	some lignite bands						
	670						sand, clay & gravel			0	0	0	0
							based on drilling						
D-29 @	680	100%	6"		1"	white gry	quartz pebbles with silty		HP-26 @ 1455	0	0	0	0
1355							clay		BP-VPB-40-682683				
					4"	org	fine to med grain silty						
							sand						
					1"	mixed	sandy silty gravel						
						(as above)							

* 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): 0.0

Converted to Well: Yes ___ VPB40 A-14 ___ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 9/5/01
GEOLOGIST: Mark Norwick
DRILLER: ~~J. Evans~~ Mark Dover

	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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		690						Sand ~~bgt~~ & gravel			0	0	0	0
								with some clay based						
								on drilling						
9/5	SS-30 @	700	10/16	6"		2"	pink white	silty clay (moist)		HP-27 @ 1620				
	1530					4"	5Y4 org	fine to med grain sand		D.dit open	0	0	0	0
9/6										HP-28 @ 1725				
										BP-VPB-40-702703				
		710						Gravel based on drilling			0	0	0	0
	SS-31 @	720	10/16	6"		6"		coarse sand + gravel		HP-29 @ 0930	0	0	0	0
	0940							with silt		BP-VPB-40-721721				
		750						Gravel based on drilling						
								sm. to large gravel		HP-30 @ 1055				
	SS-32 @	740	10/16	6"		6"		med to coarse grain sand		BP-VPB-40-741742	0	0	0	0

1000 * When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

Converted to Well: Yes VPB40 A-15 Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 40
DATE: 9/6/01
GEOLOGIST: Mark Norwick
DRILLER: ~~J. Evans~~ Bob 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	750						Mix of clay + gravel		~~HP-310~~	0	0	0	0
	760				24"		Raritan clay		~~HP-31~~	0	0	0	0
1130							MN calls hole						
	~~770~~												
	~~780~~												
	~~790~~												
	~~800~~												

* When rock coring, enter rock brokeness.

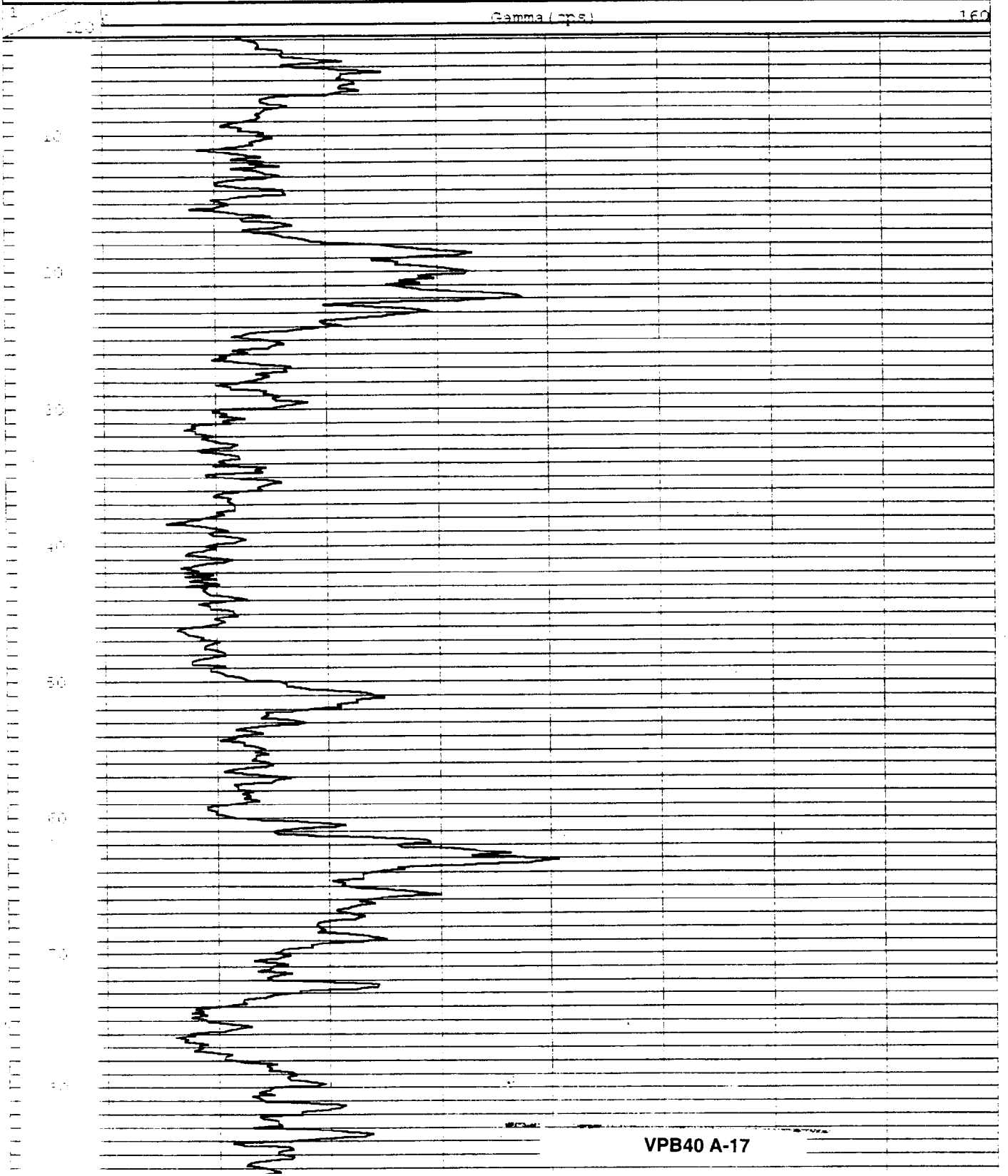
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

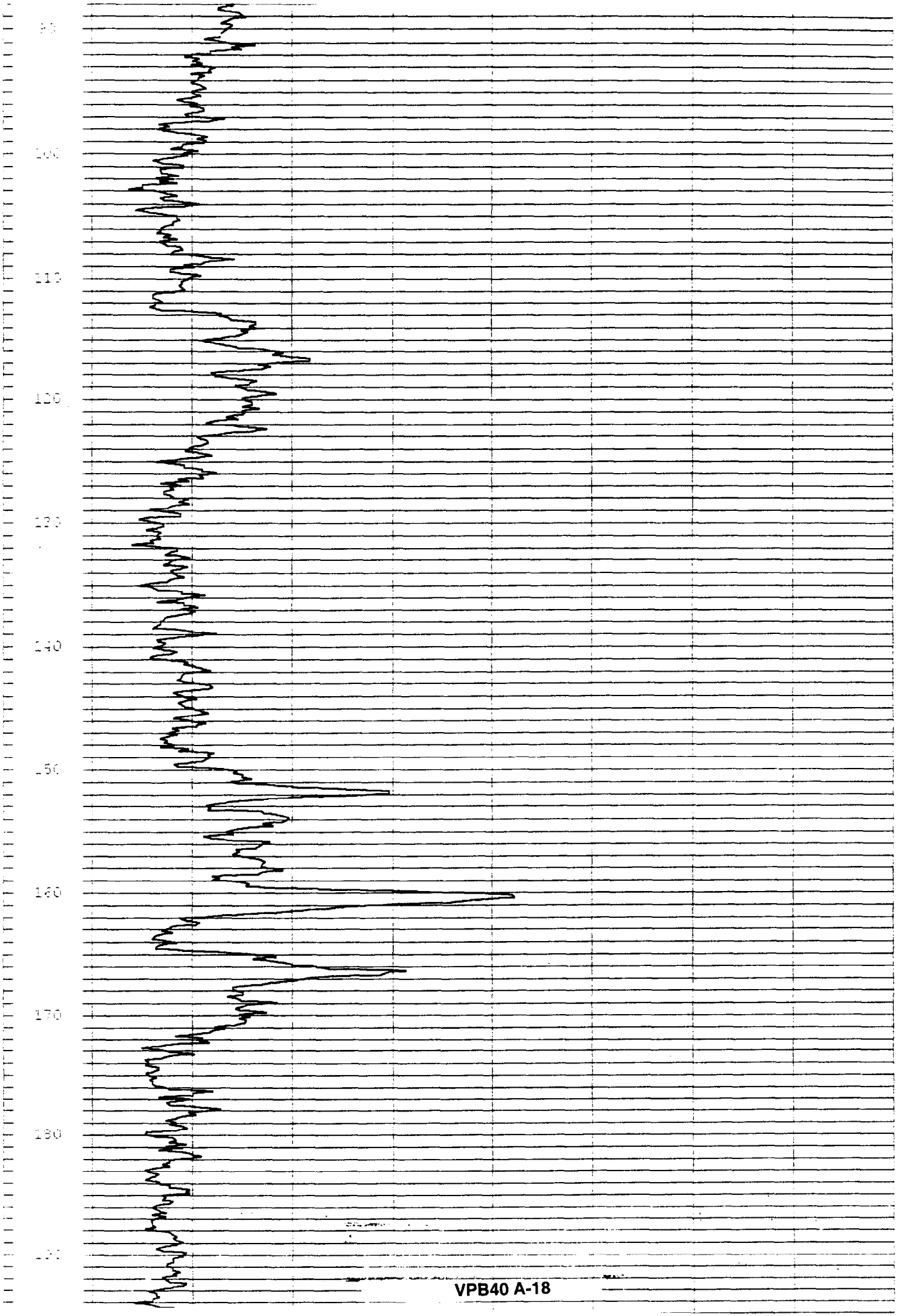
Drilling Area Background (ppm):

Remarks:

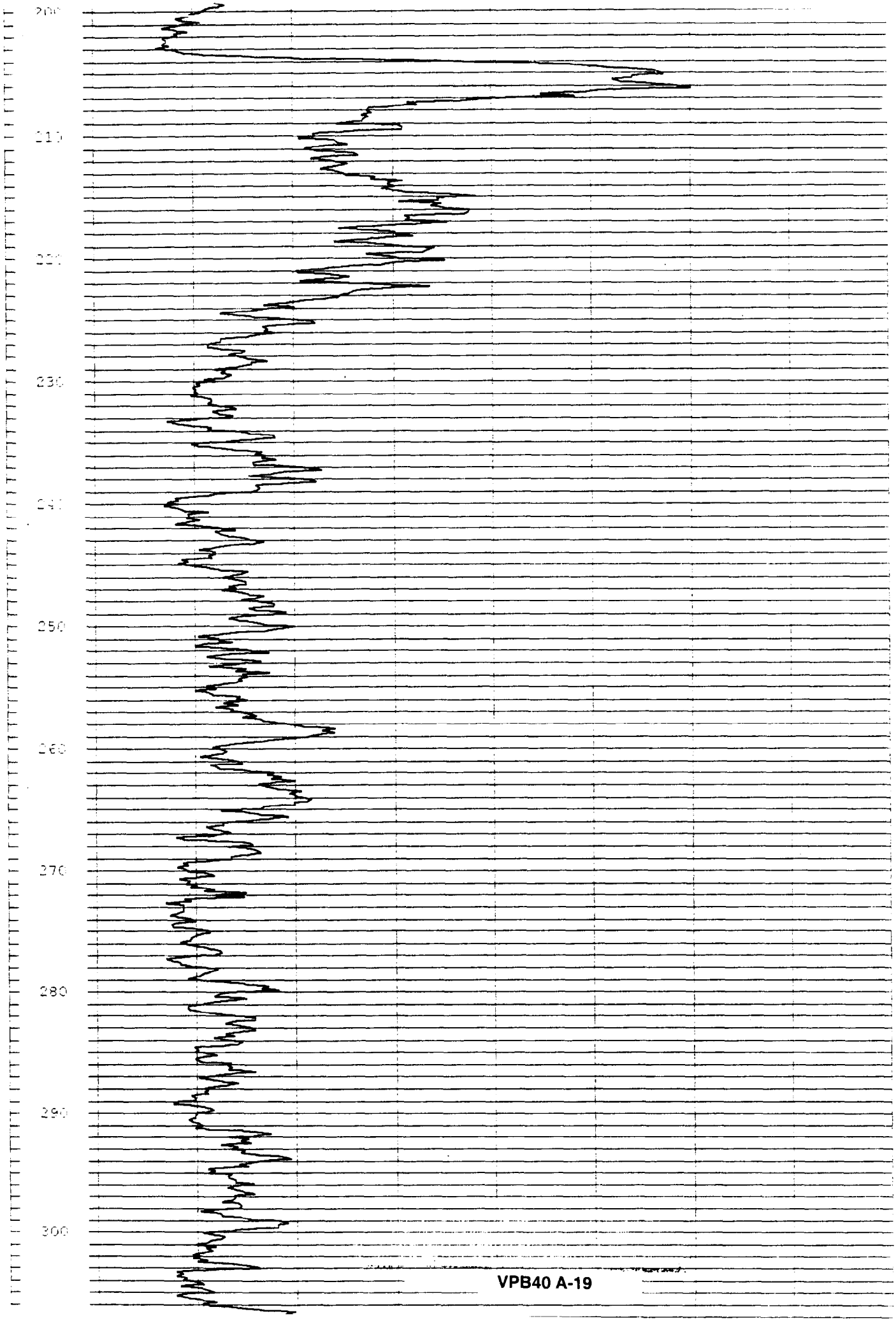
Converted to Well: Yes VPB40 A-16 Well I.D. #:

	COMPANY: UNI TECH DRILLING				Casing
	Location: NEW ISLAND HOSPITAL				
Well	VPB - 40			Depth Driller / Depth Logger	760' GRADE / 757.2'
Date	9/7/01	BH Fluid	MUD	Logged by: AQUA TERRA	6"PVC 150'
File Name				Witness: M. NORVICK	





VPB40 A-18



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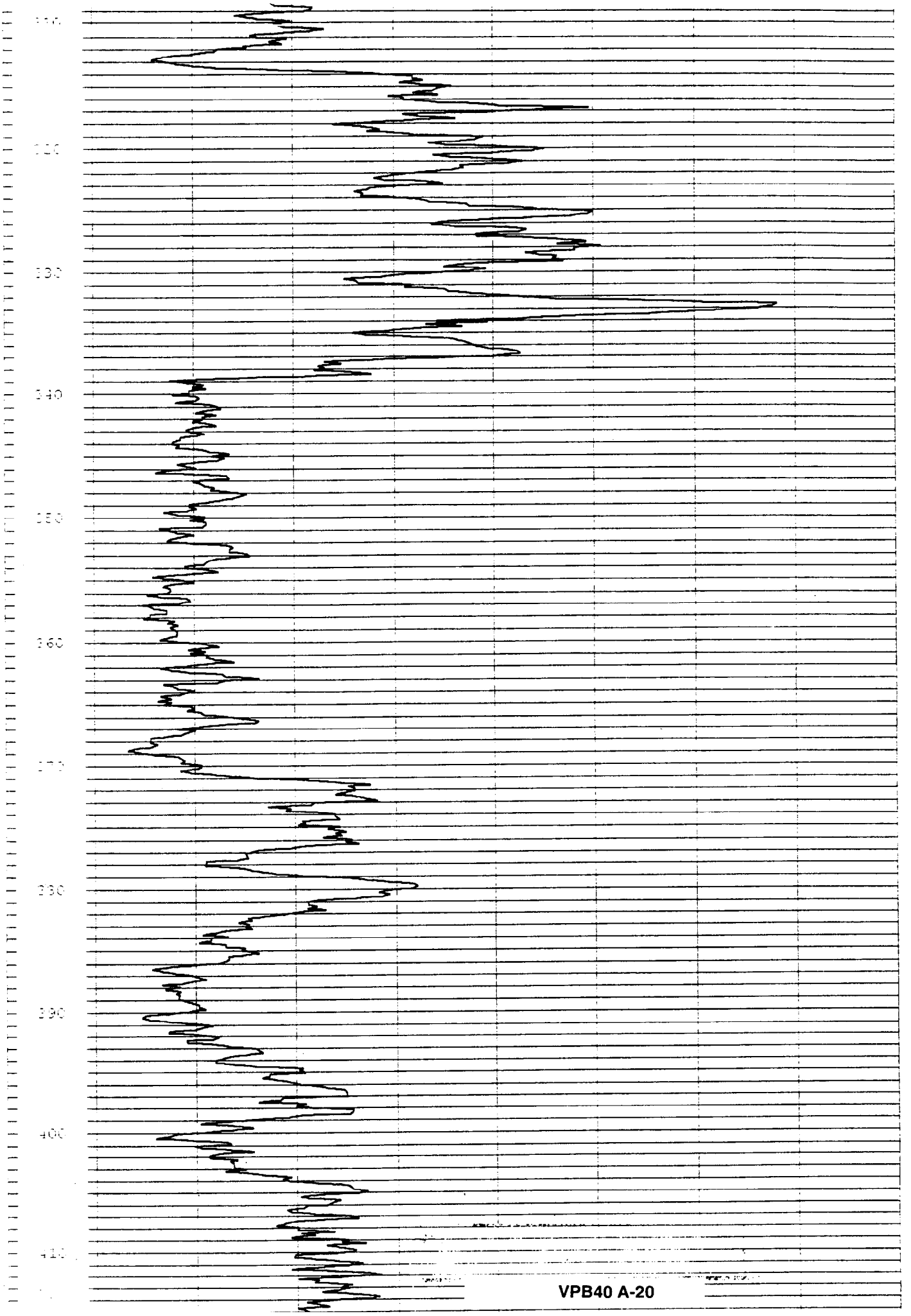
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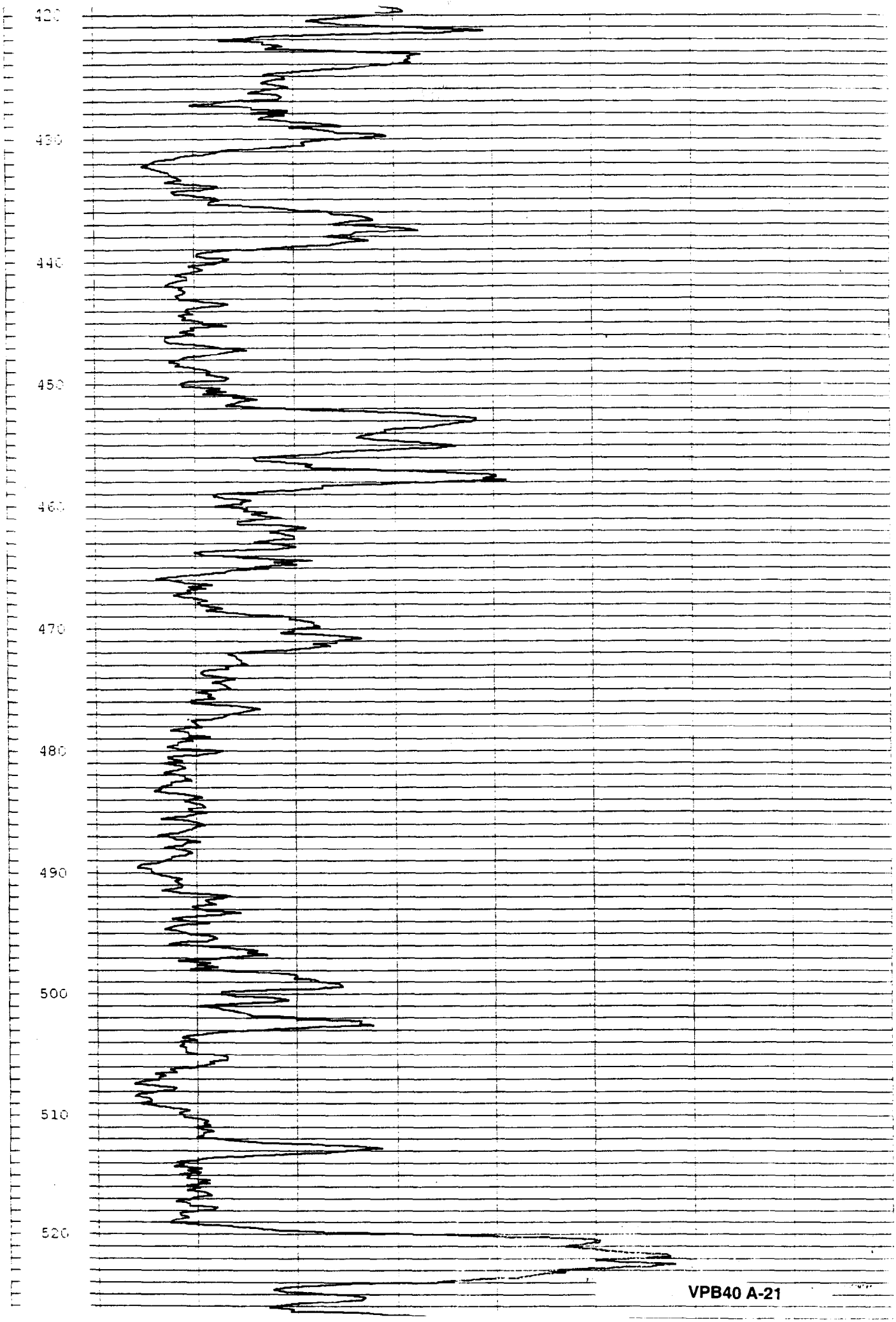
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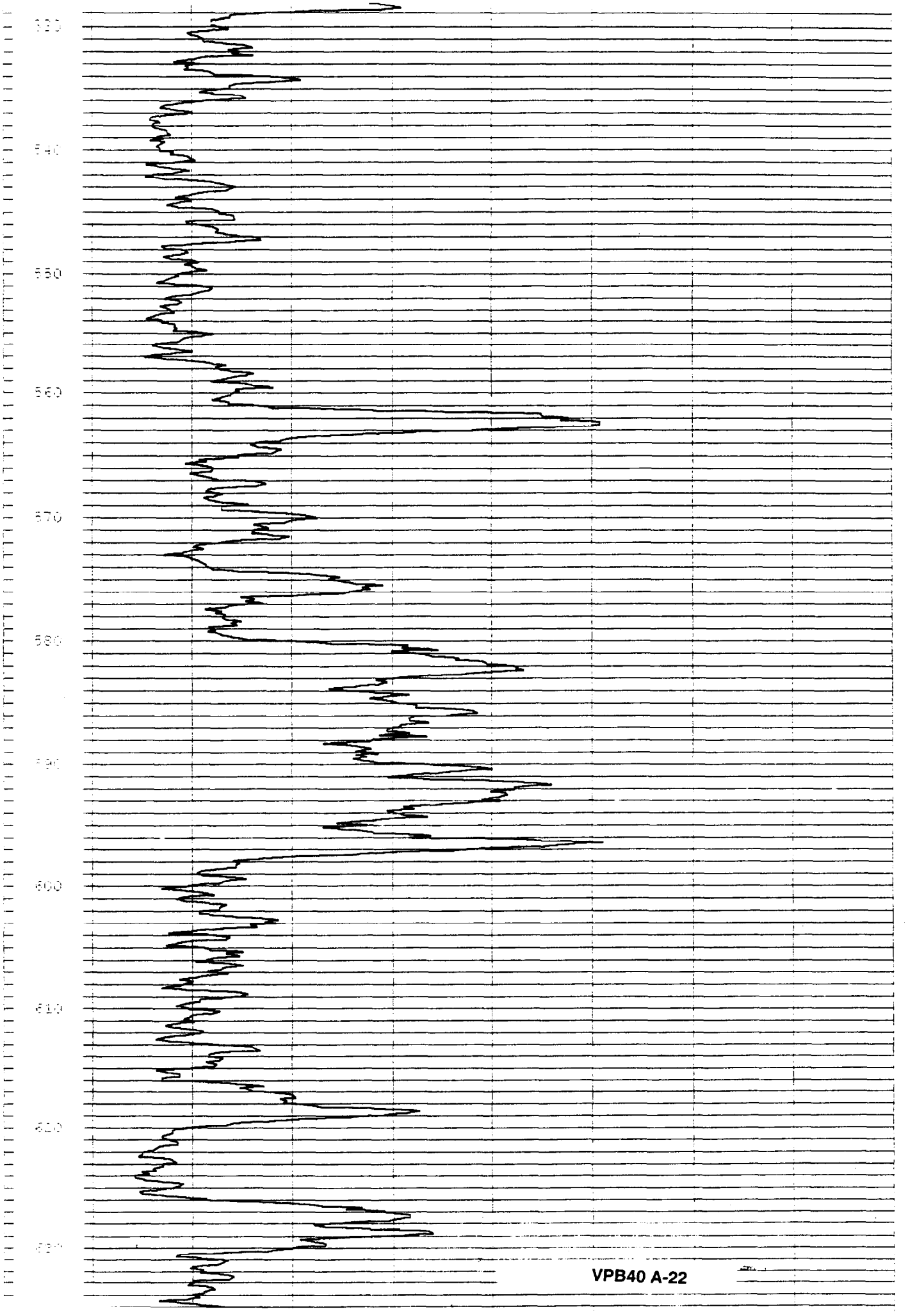
VPB40 A-21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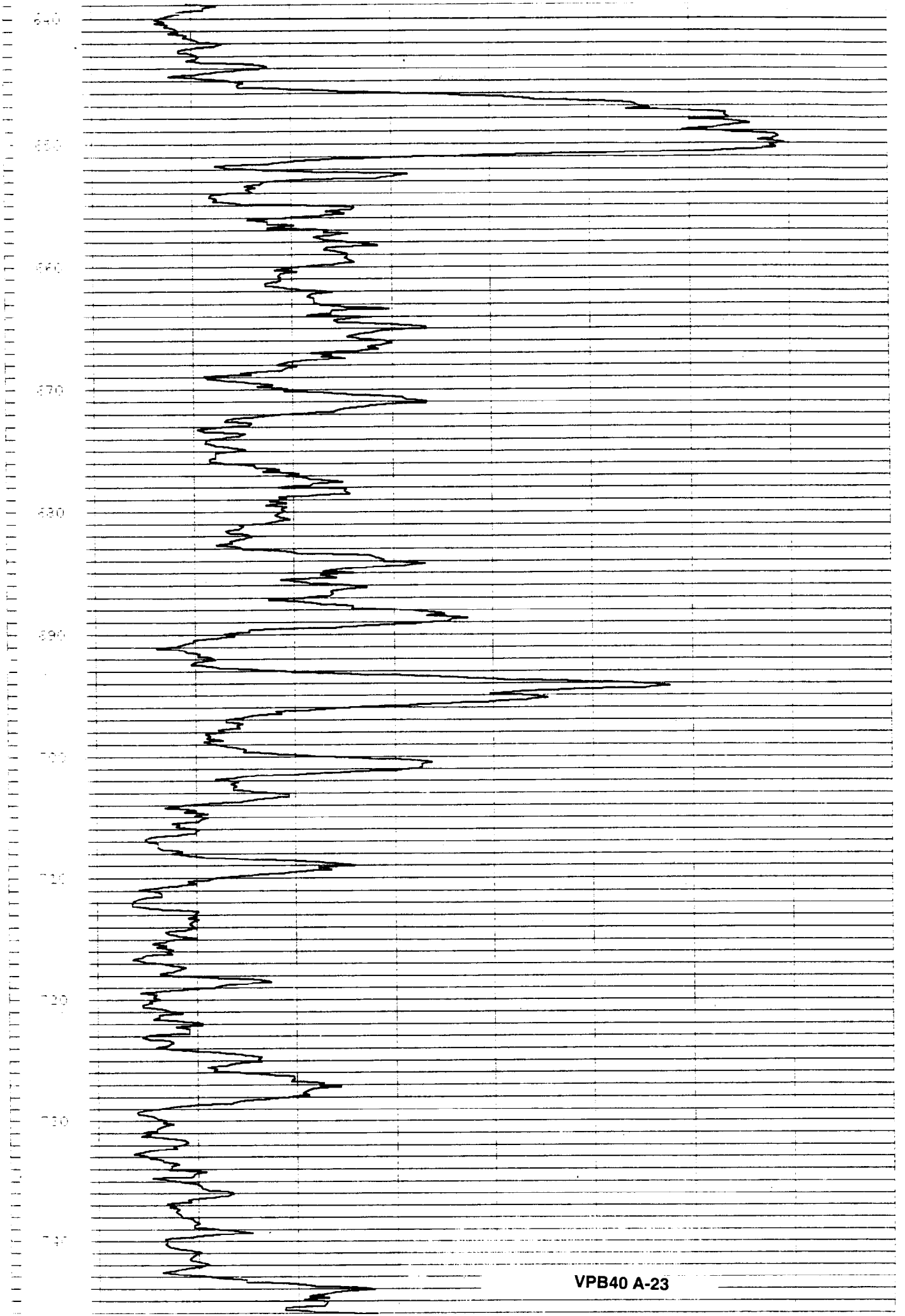
VPB40 A-22



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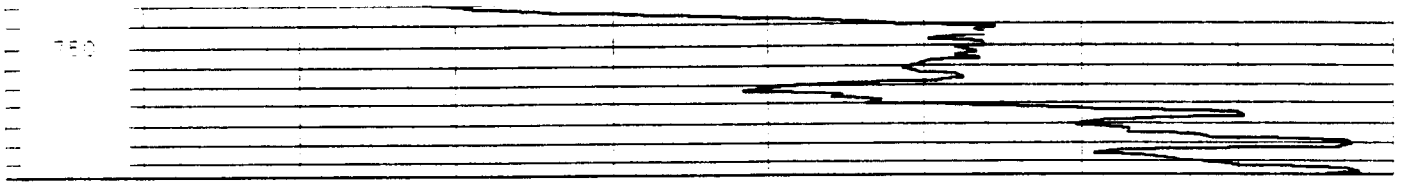
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Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage-CTO 0208
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-5254
Sample Location: VPB-40
Sampled By: DPCercone
C.O.C. No.:
Type of Sample: Groundwater
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 8/22/01								
Time: 1025								
Method: Hydropunch	L Brown							

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
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	( ) 40 ml glass vials	
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 52-54
- Sample depth (screen interval) = 52-54
- Screen exposed to formation for 75 minutes.
- Depth of borehole prior to advancing hydropunch = 52
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): David P. Cercone

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage-CTO 0208
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-100102
Sample Location: VPB-40
Sampled By: DP Carcone
C.O.C. No.:
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/22/01	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1315	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	Brown	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
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	( ) 40 mL glass vials	
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 101-102
- Sample depth (screen interval) = 102
- Screen exposed to formation for 105 minutes.
- Depth of borehole prior to advancing hydropunch = 101
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): David P. Carcone

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage-CTO 0208
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-151152
Sample Location: VPB-40
Sampled By: DP Cercone
C.O.C. No.:
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 8-22-01	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1535								
Method: Hydropunch	L Brown	5.5	0.59	25.4	737	8.09	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
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	( ) 40 mL glass vials	
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 152
- Sample depth (screen interval) = 152
- Screen exposed to formation for 90 minutes.
- Depth of borehole prior to advancing hydropunch = 150 to ~~152~~ 151
- Sample bottleware filled directly from hydropunch.

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

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage-CTO 0208
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-202202
Sample Location: VPB-40
Sampled By: D Cercone
C.O.C. No.: 082401-1
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 8/23/01	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1245								
Method: Hydropunch	Brown	5.9	1.5	26	—	10	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
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	( ) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 202
- Sample depth (screen interval) = 202 - 202.5
- Screen exposed to formation for 70 minutes.
- Depth of borehole prior to advancing hydropunch = 201
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.: BP-VPB40-DUP1

Signature(s): D P Cercone

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage-CTO 0208
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-23/233
Sample Location: VPB-40
Sampled By: D Cercone
C.O.C. No.: 08-23-01-1
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/23/01	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1450	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	Tan	4.76	1.89	25	—	9.7	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
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	( ) 40 mL glass vials	
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at
- Sample depth (screen interval) =
- Screen exposed to formation for minutes.
- Depth of borehole prior to advancing hydropunch =
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Dave Cercone

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage-CTO 0208
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-241242
Sample Location: VPB-40
Sampled By: D Cercone
C.O.C. No.: 082401-1
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 8-23-01	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1650								
Method: Hydropunch		4.2	0.22	—	—	8.34	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
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	( ) 40 ml glass vials	
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 240.5
- Sample depth (screen interval) = 240 - 240.5
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 240.5
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): D P Cercone

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage-CTO 0208
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-263264
Sample Location: VPB-40
Sampled By: Cercone
C.O.C. No.: 082401-1
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 0824-2001	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 0955								
Method: Hydropunch	L Brown	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
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	( ) 40 mL glass vials	
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 264
- Sample depth (screen interval) = ~~2384~~ 263-264
- Screen exposed to formation for 70 minutes.
- Depth of borehole prior to advancing hydropunch = 262
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): David P Cercone

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage-CTO 0208
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-283284
Sample Location: VPB-40
Sampled By: D Carcone
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/24/2001	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1140	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	Brown	6.1	0.37	21	400	9.9	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
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	( ) 40 ml glass vials	
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 284
- Sample depth (screen interval) = 283 - 284
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 282
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): David Carcone

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4021

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

Sample ID No.: BP-VPB-40-301303
Sample Location: VPB-40
Sampled By: Mark Norvidl
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/27/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1150	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at ~~302-303~~ 1045

Sample depth (screened interval) = 302-303

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 302

Sample resembles drilling mud, insufficient volume to collect parameters

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [signature]

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GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0260~~ N4037

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

Sample ID No.: BP-VPB-40-342343
Sample Location: VPB-40
Sampled By: Mark Norwood
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/27/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1425	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1315

Sample depth (screened interval) = 342-343

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 342

Sample appears to be a mixture of formation water & drilling mud. Insufficient volume for parameters

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norwood

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4031

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

Sample ID No.: BP-VPB- 40-362 363
Sample Location: VPB- 40
Sampled By: Mark Jurovich
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/28/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0910	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0810

Sample depth (screened interval) = 362 - 363

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 362

Sample resembles drilling mud and insufficient volume led to only 1 VOA filled & no parameters

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-40-382383
Sample Location: VPB-40
Sampled By: Mark Lowick
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/28/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1115	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	—	—	—	—	—	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1010

Sample depth (screened interval) = 382-383

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 382

Sample appears to be a mix between formation water + drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.: BP-VPB-40-Dup 2

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200 N4037

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

Sample ID No.: BP-VPB- 40-401402
Sample Location: VPB- 40
Sampled By: Mark Nowick
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/28/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1305	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	5.93	.532	21.1	211	3.18	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1200

Sample depth (screened interval) = 401-402

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 401

Sample appears to be formation water.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB- 40-422423
Sample Location: VPB- 40
Sampled By: Mark Morrill
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/28/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1445	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1345

Sample depth (screened interval) = 422-423

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 422

Sample appears to be a mixture of formation water + drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Morrill

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N40C7

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

Sample ID No.: BP-VPB- 40-441/442
Sample Location: VPB- 40
Sampled By: Mark Norvick
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1020	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	7.97	1.14	14.7	905	10.79	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	X

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0910

Sample depth (screened interval) = 441-442

Screen exposed to formation for 70 minutes.

Depth of borehole prior to advancing hydropunch = 441

Sample appears to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-40-461463
Sample Location: VPB-40
Sampled By: Mark Norick
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1225	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	—	—	—	—	—	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1115

Sample depth (screened interval) = 462 - 463

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 462

Sample resembles drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-40-421482
Sample Location: VPB-40
Sampled By: Mark Nowicki
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1430	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	grey	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1315 Formation water

Sample depth (screened interval) = 421-422

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 421

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-501502
Sample Location: VPB- 40
Sampled By: Mark Nowicki
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1557	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Clear	6.08	1.58	20.4	—	0.76	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1500

Sample depth (screened interval) = 501-502

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 501

Sample resembles drilling mud

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-40-521522
Sample Location: VPB-40
Sampled By: Mark Nowicki
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1735	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	–	–	–	–	–	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1640

Sample depth (screened interval) = 521-522

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 521

Only enough volume for one sample.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Nowicki

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N6585.0200~~ N4837

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

Sample ID No.: BP-VPB-40-541542
Sample Location: VPB-40
Sampled By: Mark Worrell
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/31/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0935	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	gray	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0835

Sample depth (screened interval) = 541 - 542

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 541

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Worrell

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-40-561562
Sample Location: VPB-40
Sampled By: Mark Narvick
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/4/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1340	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1235

Sample depth (screened interval) = 561-562

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 561

Sample appears to be a mix of formation water & drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0206~~ N4037

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

Sample ID No.: BP-VPB-40-582583
Sample Location: VPB-40
Sampled By: Mark Norvick
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/4/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1530	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	grey	5.29	.273	19.0	35	0.54	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1423

Sample depth (screened interval) = 582-583

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 582

Sample resembles formation water

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name:	NWIRP Bethpage	Sample ID No.:	BP-VPB-40-DM600
Project No.:	~~N0565-0200~~ N4037	Sample Location:	VPB-40
		Sampled By:	Mark Norvick
[] Domestic Well Data		C.O.C. No.:	
[] Monitoring Well Data		Type of Sample:	
[x] Other Well Type:	Vertical Profile Boring	[x] Low Concentration	
[] QA Sample Type:		[] High Concentration	

SAMPLING DATA:

Date: 9/5/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0800	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch Grab	brown	6.03	1.53	17.8	—	0.51	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at

Drilling mud

Sample depth (screened interval) =

Screen exposed to formation for minutes.

Depth of borehole prior to advancing hydropunch =

Circle if Applicable:

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0260~~ N4037

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

Sample ID No.: BP-VPB-40-601-602
Sample Location: VPB-40
Sampled By: Mark Norris
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/5/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0930	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	brown	6.12	1.49	17.0	—	0.22	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0835

Sample depth (screened interval) = 601-602

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 601

Sample appears similar to drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:
	BP-VPB-40-DUP3

Signature(s): Mark Norris

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GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4057

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

Sample ID No.: BP-VPB-40-621/622
Sample Location: VPB-40
Sampled By: Mark Nowicki
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/5/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1105	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	grey	6.21	1.37	17.1	—	1.57	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1010

Sample depth (screened interval) = 621-622

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 621'

Sample appears to be a mix of groundwater + drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Nowicki

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0585.0206~~ N4037

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

Sample ID No.: BP-VPB-40-641/642
Sample Location: VPB-40
Sampled By: Mark Narvik
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/5/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1240	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	brown	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1150

Sample depth (screened interval) = 641-642

Screen exposed to formation for 45 minutes.

Depth of borehole prior to advancing hydropunch = 641'

Sample appears to be a mix of formation water & drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Narvik

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page ___ of ___

Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-40-682683
Sample Location: VPB-40
Sampled By: Mark Nowicki
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/5/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1455	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	6.29	1.06	20.3	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1410

Sample depth (screened interval) = 682-683

Screen exposed to formation for 15 minutes.

Depth of borehole prior to advancing hydropunch = 682

Sample appears to be a mix of groundwater + drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Nowicki

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB- 40-702703
Sample Location: VPB- 40
Sampled By: Mark Norvick
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/5/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1725	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	grey	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1645

Sample depth (screened interval) = 702-703

Screen exposed to formation for 40 minutes.

Depth of borehole prior to advancing hydropunch = 702

Sample appears to be a mix of groundwater & drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4C37

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

Sample ID No.: BP-VPB-40-721722
Sample Location: VPB-40
Sampled By: Marie Norwick
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/6/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0930	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	grey	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0855

Sample depth (screened interval) = 721-722

Screen exposed to formation for 30 minutes.

Depth of borehole prior to advancing hydropunch = 721

Sample appears to be a mix of groundwater & drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 40-741/742
Sample Location: VPB- 40
Sampled By: Mark Newine
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/6/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1055	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	brown	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1015

Sample depth (screened interval) = 741' 742

Screen exposed to formation for 45 minutes.

Depth of borehole prior to advancing hydropunch = 741

Sample resembles drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Newine

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB - 40
QA Sample Type:

[x] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

Sample ID Number: BP-TB-082201
Sampled By: Cercone
C.O.C. Number: 082401-1

SAMPLING DATA:

Date: 08-22-01
Time: 0000
Method: LAB WATER

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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

Product Name: REAGENT WATER
Supplier: NERL
Manufacturer: NERL
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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s): David Cercone

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-40
QA Sample Type:

Sample ID Number: BP-RB-082401
Sampled By: D CERCONE
C.O.C. Number: 082401-1

[] Trip Blank
[] Source Water Blank
[■] Rinsate Blank
[] Other Blank ___

SAMPLING DATA:

Date: 8/24/01
Time: 1005
Method: POUR over hydropunch.

WATER SOURCE:

[■] Laboratory Prepared
[] Purchased
[] Other ___
[] Tap
[] Fire Hydrant

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

Product Name: Reagent Grade WATER
Supplier:
Manufacturer: NERL
Order Number:
Lot Number: 0305151
Expiration Date: 3/2002

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS/NOTES:

Signature(s): D P Cercone

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: BP-40
QA Sample Type:

Sample ID Number: BP-TB-082701
Sampled By: Mark Norvick
C.O.C. Number: 32-VPB-082401

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank ___

SAMPLING DATA:

Date: 8/27/01
Time: 1540
Method: Lab supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other ___
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS/NOTES:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-40
QA Sample Type:

Sample ID Number: BP-TR-083001
Sampled By: Mark Narvick
C.O.C. Number: BP-VPB-083101

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank _____

SAMPLING DATA:

Date: 8/30/01
Time: 1335
Method:

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other _____
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS/NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-40
QA Sample Type:

Sample ID Number: BP-RB-0[illegible]001
Sampled By: Mark Nervier
C.O.C. Number: BP-VPB-083101

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank ___

SAMPLING DATA:

Date: 8/30/01
Time: 1430
Method: grab

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[X] Other Field Blank water
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s): [signature]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: ~~N0565.0200~~ N4031
Sample Location: VPD-40
QA Sample Type:

Sample ID Number: BP-TB-090401
Sampled By: Mark Norvide
C.O.C. Number: BP-VPB-~~082401~~ 090601

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 8/2/01
Time: 1530
Method:

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS/NOTES:

Signature(s): Mark Norvide

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: ~~N0565.0200~~ N4037
Sample Location: VPB-40
QA Sample Type:

Sample ID Number: BP-TB-090601
Sampled By: Mark Norvick
C.O.C. Number: BP-VPB-090701

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank ___

SAMPLING DATA:

Date: 8/30/01
Time: —
Method:

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other ___
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS/NOTES:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: ~~N0585.0200~~ 18C37
Sample Location: VPB-40
QA Sample Type:

[] Trip Blank
[] Source Water Blank

Sample ID Number: BP-RB-090601
Sampled By: Mark Norvak
C.O.C. Number: BP-VPB-090701

[X] Rinsate Blank
[] Other Blank _____

SAMPLING DATA:

Date: 9/6/01
Time: 1130
Method:

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[] Other _____
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS AND NOTES:

Signature(s): Mark Norvak

CHAIN OF CUSTODY RECORD

Lab No: 082401-1

PROJECT NO.:	SITE NAME:
N[illegible]	NWIRP Bethpage

SAMPLERS (SIGNATURE): David [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
	8/22	[illegible]		X	BP-VPB40-5204	3	3						
	8/22	[illegible]		X	BP-VPB40-100102	3	3						
	8/22	435		X	BP-VPB40-151152	3	3						
	8/23	[illegible]		X	BP-VPB40-201202	2~~3~~	~~3~~2						BP-VPB40-DUP1
	8/23	750		X	BP-VPB40-231233	3	3						
	8/23	1650		X	BP-VPB40-241242	3	3						
	8/23	1000		X	BP-VPB40-DUP1	2	2						BP-VPB40-201202
	7/23	1000		X	BP-TB-082201	2	2						Trip Blank
	8/24	935		X	BP-VPB40-~~2262~~ 2004	3	3						
	8/24	1005		X	BP-RB-082401	2	2						Rinsate of hydro-punch.
	8/24	[illegible]			BP-VPB40-283284	3	3						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
David Crane	8/24				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Dave Brayack - Proj Manager 412-921-7090	

(0498)

CHAIN OF CUSTODY RECORD

COC# BP-VPB-082401

PROJECT NO.: N4037

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC						REMARKS
1	8/24/01	1540		X	BP-TB-082701	2	2						
2	8/27/01	1150		X	BP-VPB-40-302303	2	2						
3	8/27/01	1425		X	BP-VPB-40-342343	2	2						
4	8/27/01	0920		X	BP-VPB-40-362363	1	1						Insufficient volume allowed for only 1 VOA
5	8/27/01	1115		X	BP-VPB-40-382383	2	2						
6	8/27/01	1130		X	BP-VPB-40-DUP2	1	1						"
7	8/27/01	1305		X	BP-VPB-40-401402	2	2						
8	8/27/01	1445		X	BP-VPB-40-422423	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	8/28/01 0800				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

CHAIN OF CUSTODY RECORD

CCC# BP-VPB 083101

PROJECT NO.: N4037

SITE NAME: PWIRP Bethpage

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC						REMARKS
1	8/30/01	1020		X	BP-VPB-40-441442	2	2						
2	8/30/01	1025		X	BP-VPB-40-461463	2	2						
3	8/30/01	1430		X	BP-VPB-40-481482	2	2						
4	8/30/01	1555		X	BP-VPB-40-501502	2	2						
5	8/30/01	1735		X	BP-VPB-40-521522	1	1						Only enough volume for 1 VOA
6	8/30/01	1430		X	BP-RB-083001	2	2						
7	8/30/01	1535		X	BP-TB-083001	2	2						
8	8/30/01	0000			Temp Blank	1							Temperature Blank
9	8/31/01	0935		X	BP-VPB-40-541542	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	1000 8/31				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

VPB40 A-65

CHAIN OF CUSTODY RECORD

COC # BP-VPB-090601

PROJECT NO.:	SITE NAME:
N40[illegible]	NWIRR Bulkpane

SAMPLERS (SIGNATURE):

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC						REMARKS
1	9/4/01	1340		X	BP-VPB-40-561562	2	2						
2	9/4/01	1530		X	BP-VPB-40-582583	2	2						
3	9/5/01	0800		X	BP-VPB-40-DM600	2	2						
4	9/5/01	0930		X	BP-VPB-40-601602	2	2						
5	9/5/01	1000		X	BP-VPB-40-DVP3	2	2						
6	9/5/01	1105		X	BP-VPB-40-621622	2	2						
7	9/5/01	1240		X	BP-VPB-40-641642	2	2						
8	9/5/01	1455		X	BP-VPB-40-682683	2	2						
9	9/5/01	1725		X	BP-VPB-40-702703	2	2						
10	9/2/01	1530		X	BP-TB-090401	2	2						
11	9/6/01	0000		X	Temp Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	9/6/01 0712				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

Order No. 70440

CHAIN OF CUSTODY RECORD

COC # BP-VPB-090701

PROJECT NO.:	SITE NAME:
N4037	NWIRP Bethpage

SAMPLERS (SIGNATURE):

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC						REMARKS
1	9/6/01	0930		X	BP-VPB-40-721722	2	2						
2	9/6/01	1055		X	BP-VPB-40-741742	2	2						
3	9/6/01	XXXX		X	BP-TB-090601	2	2						
4	9/6/01	1130		X	BP-RB-090601	2	2						
5	9/7/01	0000			Temp Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
	9/7/01 0800				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

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:214445.01 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-5254

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

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:214445.02 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-100102

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:214445.03 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-151152

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214445.04 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-201202

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	17

cc:

REMARKS:

DIRECTOR

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:214445.05 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-231233

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

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:214445.06 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-DUP 1

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	18

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214445.10 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-241242

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214445.07 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-263264

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	2
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	28

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214445.08 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-RB-082401

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214445.09 08/28/01

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
COLLECTED BY: Client DATE COL'D:08/22-24 RECEIVED:08/24/01

SAMPLE: Water sample, BP-VPB40-283284

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	2	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	2	Trichloroethene	ug/L	320
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	3			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR Thomas R

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214526.01 09/04/01

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
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-TB-082701, 1540

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214526.02 09/04/01

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
COLLECTED BY: Client DATE COL'D:08/27/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-302303, 1150

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	2

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214526.03 09/04/01

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
COLLECTED BY: Client DATE COL'D:08/27/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-342343, 1425

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214526.04 09/04/01

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
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-362363, 0920

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	2

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214526.05 09/04/01

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
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-382383, 1115

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

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:214526.06 09/04/01

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
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-DUP2, 1130

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214526.07 09/04/01

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
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-401402, 1305

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	2
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	2
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	5
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	10

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214526.08 09/04/01

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
COLLECTED BY: Client DATE COL'D:08/28/01 RECEIVED:08/29/01

SAMPLE: Water sample, BP-VPB-40-422423, 1445

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	2

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214586.01 09/06/01

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
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-441442, 1020

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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

LAB NO:214586.02 09/06/01

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
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-462463, 1225

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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

LAB NO:214586.03 09/06/01

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
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-481482, 1430

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214586.04 09/06/01

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
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-50~~3~~50~~1~~, 1555

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214586.05 09/06/01

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
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-RB-083001, 1430

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214586.06 09/06/01

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
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-TB-083001, 1535

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214586.08 09/06/01

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
COLLECTED BY: Client DATE COL'D:08/30/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-521522, 1735

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:214586.07 09/06/01

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
COLLECTED BY: Client DATE COL'D:08/31/01 RECEIVED:08/31/01

SAMPLE: Water sample, BP-VPB-40-541542, 0935

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214664.01 09/11/01

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
COLLECTED BY: Client DATE COL'D:09/04/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-561562, 1340

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214664.02 09/28/01

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
COLLECTED BY: Client DATE COL'D:09/04/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-582583, 1530

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214664.02 09/11/01

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
COLLECTED BY: Client DATE COL'D:09/04/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-5~~61~~21583, 1530

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214664.03 09/11/01

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
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-DM-600, 0800

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214664.04 09/11/01

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
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-601602, 0930

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214664.05 09/11/01

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
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-DUP3, 1000

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214664.06 09/11/01

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
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-621622 1105

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214664.07 09/11/01

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
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-641642 1240

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214664.08 09/11/01

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
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-682683 1455

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:214664.09 09/11/01

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
COLLECTED BY: Client DATE COL'D:09/05/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-VPB-40-702703 1725

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214664.10 09/11/01

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
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:09/06/01

SAMPLE: Water sample, BP-TB-090401 1530

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214679.01 09/12/01

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
COLLECTED BY: Client DATE COL'D:09/06/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-VPB-40-721722, 0930

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<1
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 26568 VPB40 A-105

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214679.02 09/12/01

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
COLLECTED BY: Client DATE COL'D:09/06/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-VPB-40-741742, 1035

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<1
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214679.02 09/28/01

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
COLLECTED BY: Client DATE COL'D:09/06/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-VPB-40-741742, 1055

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<1
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214679.03 09/12/01

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
COLLECTED BY: Client DATE COL'D:08/31/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-TB-090601

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<1
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214679.04 09/12/01

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
COLLECTED BY: Client DATE COL'D:09/06/01 RECEIVED:09/07/01

SAMPLE: Water sample, BP-RB-090601, 1130

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<1
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

Appendix B

VPB-47

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midway 1500

BORING No.: VPB- 47
DATE: 5/15/01
GEOLOGIST: Mark Norvick
DRILLER: ~~J. Evans~~ Joe Jeston

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0915	10						Sand & gravel based on drilling			0	0	0	0
0915	20						same as above			0	0	0	0
	30						Sandy gravel with clay based on drilling			0	0	0	0
	40						Clay based on drilling			0	0	0	0

* When rock coring, enter rock brokeness.

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

Remarks: Drilling with 8 in. drag bit

Drilling Area Background (ppm):

Converted to Well: Yes ___ No

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midway 1500

BORING No.: VPB- 47
DATE: 5/15/01
GEOLOGIST: Mark Norvell
DRILLER: ~~J. Evans~~ Joe Jester

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @	50	5 / 7	4"			DK grey	Clay with silty sand		VP-1 @ 1620	0	0	0	0
1510	51	13 / 18	24"			Tan	silty clay		Sample ~~BP VPB 47-5152~~ (M)				
	52					Org.	silt models		BP-VPB-47-052053				
						Lt. grey	fine grain sand w/silt						
5/15													
5/16	60						Sandy clay based on drilling			0	0	0	0
	70						Same as above based on drilling			0	0	0	0
	80						Same as above based on drilling			0	0	0	0
	90						Same as above based on drilling with more clay			0	0	0	0

* 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. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4031
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midwest 1500

BORING No.: VPB- 47
DATE: 5/14/01
GEOLOGIST: Mark Norvik
DRILLER: ~~J Evans~~ Joe Jeffer

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-2 @	100	10 / 12	6" /			Org.	Course to fine grain sand		HP-2 dry @0930	0	0	0	0
0840	101	17 / 20	24"				w/ silt, small quartz		no second attempt				
	102						fragments		due to dry sand				
	110						Sand based on			0	0	0	0
							drilling						
S-3 @	120	12 / 18	24" /		12"	Org.	Mod. to fine grain sand w/		*PID reading		0	0	0
1005	121	25 / 40	24"				trace of silt		>1500				
	122				3"	White	Clay with sand/silt		HP-3 @ no recovery				
					6"	Gray	Clay with sand/silt		due to screen not				
					3"		some lignite + dark brown/red		being open the whole way				
							compact sand stone		HP-4 no recovery				
									because screen was				
									clogged				
S-4 @	150	14 / 29	24" / 24"		10"	Gray	fine grain sand w/silt		*PID reading of		0	0	0
1300		40 / 44			11"	Org. Yellow	fine grain sand w/silt		374				
					3"	Pink	clay lenses with sand + silt		HP-5 @ 1415				
							some lignite		BP-VPB-47-132133				

* When rock coring, enter rock brokeness.

** Include monitor reading in 5 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm):

Remarks: PID readings high due to loss of calibration on PID
Moisture is probably the reason for loss of calibration
Another PID was obtained from Vince Shickera

Converted to Well: Yes _

VPB47 B-3

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midway 1500

BORING No.: VPB- 47
DATE: 5/16/01
GEOLOGIST: Mark Norvick
DRILLER: J. Evans Joe Jester

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	140						Sand with silt based on drilling			0	0	0	0
S-5 @	150	17/40	18"/24"		8"	white	Sand with silt, fine grain		HP-6 @ 1600	0	0	0	0
1445	151	100/5							BP-VPB-47-152152				
	152				8"	Dk brown	fine grain sand with silt						
					8"	white	Clay with mix of fine grain sand & silt						
5/16													
5/17	160						Sand based on drilling			0	0	0	0
	170						Same as above			0	0	0	0
	180						Same as above			0	0	0	0

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

Converted to Well: Yes VPB47 B-4 Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midway 1500

BORING No.: VPB- 47
DATE: 5/17/01
GEOLOGIST: Mark Norvick
DRILLER: ~~J. Evans~~ Joe Jester

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	190						Sand with some			0	0	0	0
							clay strands based						
							on drilling						
S-6 @	200	45 / 100/4	14" / 24"		14"	Gry org	Fine grain sand with		HP-7 no recovery	0	0	0	0
0815	201						silt and some lignite		due to dry sand				
	202												
S-7 @	210	22 / 39	24" / 24"		12"	Org	Fine grain sand with silt		HP-8 @ 1105	0	0	0	0
0848	211	22 / 22			12"	Gry	Fine grain sand with silt		BP-VPB-47-212213				
0948	212						and some lignite						
S-8 @	220	97 / 100/4	12" / 24"		12"	gry org	Fine grain sand with		HP-9 @ 1230	0	0	0	0
1115	221						silt, slightly moist		RP-VPB-47-222223				
									Recovered volume				
									only enough to fill				
									one VOA bottle				
	230						Sand with light			0	0	0	0
							clay strand based						
							on drilling						

* 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. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N ~~N0~~ N4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500 Midway 1500

BORING No.: VPB- 47
DATE: 5/17/01
GEOLOGIST: Mark Norwick
DRILLER: ~~J. Evans~~ Joe Jester

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-9 @	240	15/27	24"/24"		1"	Gray Pink	fine grain sand with		Sample appears	0	0	0	0
1245		40/45					silt & lignite		moist				
					18"	Grey	fine grain silty sand with		HP-10 @ 1355				
							orange sand ribbons		BP-VPB-47-242243				
					5"	Orange	fine grain silty sand		BP-VPB-47-Dupl				
	250						Sand with clay			0	0	0	0
							layer around 257'						
							based on drilling						
S-10 @	260	48/100/66	13"/24"		10"	DK grey	fine grain silty sand		HP-11 @ 1535	0	0	0	0
1415	261						w/mica, some very		BP-VPB-47-262263				
	262						compact frag. and a						
							substantial amount of						
							lignite						
	270				2"	grey	fine grain silty sand			0	0	0	0
					1"	DK grey	clay with silt						
							Sand with some clay →		(@ 270)				
							lenses based on drilling						
S-11 @	280	37/100	12"/24"		6"	Org	damp fine grain sand with		HP-12 @ 1700	0	0	0	0
1555	281						some silt		BP-VPB-47-282283				
	282		14"/24"		6"	Tan	damp fine grain sand						
							with some silt						
					2"	DK grey	silty clay						

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm):

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midway 1500

BORING No.: VPB- 47
DATE: 5/18/01
GEOLOGIST: Mark Norwick
DRILLER: ~~J. Evans~~ Joe Jester

	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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
5/17														
		290						Sand based on drilling			0	0	0	0
5/18														
	S-12 @ 0755	300	13/20	15"/24		10"	Org	Fine grain sand with silt		HP-13 @ 0900	3.2	0	0	0
		301	24/28			3"	gray	med to fine grain silty sand		BP-VPB-47-302303				
		302				2"	gray	clay						
		310						Sand based on drilling			0	0	0	0
	S-13 @ 0913	320	47/100/3	8"/28"		3"	Orange	fine grain silty sand		PID seems to be	15.8			
		321				3"	gray/tan	fine grain silty sand with		acting up, possibly				
		322						clay lenses		because of moisture				
						3"	org/black	fine grain silty sand with		in the air				
								lignite		BG = ~10.0 ppm				
		330						Sand based on drilling		HP-14 no recovery				
										due to dry sand				

* 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. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4654
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midwest 1500

BORING No.: VPB- 47
DATE: 5/15/01
GEOLOGIST: Mark Marvik
DRILLER: ~~J. Evans~~ Joe Tester

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-14 @	340	12 / 17	14"/24"		9"	Org/ Gry	fine grain silty sand		PID will appear	10.0	0	0	0
1034	341	20 / 17					very wet		positive due to				
5/18	342				5"	Org/ Black	mix of fine grain silty		moisture				
						Tan	sand with gray lignite		HP-15 no recovery				
5/21							and silty clay		due to clogged screen				
	350						Sand based on drilling		& screen not fully	0	0	0	0
									opened				
									HP 16 @ 1015				
									OP-VPB-47-344345				
S-15 @	360	13 / 23	24"/24"		3"	Thor.	clay very dense		HP 17 no recovery	0	0	0	0
1232	361	31 / 44			4"	Gray Black	silty fine grain sand w/		reason could be the				
	362						some clay & lignite (dry)		dry sand with lignite				
					17"	Lt. Gry	silty fine grain sand		that was observed at				
							very wet		bottom of ss				
	370						Sand based on			0	0	0	0
							drilling						
S-16 @	380	28 / 32	9"/24"		9"	pink	dense clay		HP 18 @ 1550	0	0	0	0
1425		66 / 100			5"	orange gray	fine grain silty sand		OP-VPB-47-382383				
5/21													
5/22	390						Sand based on drilling		No PID readings today	–	–	–	–

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): [ ]

Remarks:

Converted to Well: Yes ___ No ___ Well I.D. #: ___

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: ~~N4037~~ N4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midway 1500

BORING No.: VPB- 47
DATE: 5/22/01
GEOLOGIST: Mark Warwick
DRILLER: ~~J. Evans~~ Joe Jerter

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-17 @	400	17/25	24"/24"		5"	brown red	wet fine grain silty sand		HP 19 @ 0940	-	-	-	-
0825	401	40/52			8"	gray	wet fine grain silty sand		DP-VPB-47-402 403				
	402						with lignite						
					11"	orange red	wet fine grain sand						
						white	with white silt, some lignite						
	410						clayey sand based on drilling			-	-	-	-
S-18 @	420	18/25	24"/24"		6"	black	lignite		HP 20 @ 1105	-	-	-	-
5/22 0958	421	30/37			10"	gray orange	fine grain silty sand		DP-VPB-47-422 423				
	422				~~4"~~		very wet						
5/24					4"	gray	silty clay, dense						
					4"	dark gray	fine grain silty sand w/						
	430						lignite bands		humid, wet weather	-	-	-	-
							Sand based on		affected PID readings				
							drilling (430)		-not taken				
S-19 @	440	45/100/4	18"/24"		18"	gray orange	dry fine grain sand		HP 21 no recovery	-	-	-	-
0745	441								due to dry sand				
	442												

* When rock coring, enter rock brokeness.

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

Remarks: Due to steady rain + wet weather, PID readings were not taken

Drilling Area Background (ppm):

Converted to Well: Yes — No Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4C37
DRILLING COMPANY: Uni-tech
DRILLING RIG: Midway 1500
BORING NUMBER: VPB-47
DATE: 5/24/01
GEOLOGIST: Mark Norwick
DRILLER: Joe Jester

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sample B2	Borehole	Driller B2
	450						Sand based on drilling			-	-	-	-
S-20 @ 0915	460	27 54	12"/24"		12"	gray tan	fine grain silty sand (dry)		HP 22 no recovery due to dry sand & clay clogging screen	-	-	-	-
	461	100/2											
	462												
S-21 @ 1050	470	54	24"/24"		24"	gray yellow	wet fine-med grain silty sand with trace of lignite		HP 23 no recovery still in same sand layer, probably too dry	0	0	0	0
	471	100/4											
	412												
S-22 @ 1220	480	44 100/2	2"/24"		2"	brown	med to fine grain sand		HP 24 @1340 BP-VPB-47-482483 *Only enough recovery for 1 bottle	0	0	0	0
	481												
	490						Sand based on drilling			0	0	0	0

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks: Due to wet humid weather no PID readings could be taken until 1050

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-tech
DRILLING RIG: Midway 1500
BORING NUMBER: VPB-47
DATE: 5/24/01
GEOLOGIST: Mark Norvick
DRILLER: Joe Jester

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-23 @	500	15/26	12"/24"			orange gray	(m) coarse to fine grain		HP25 no recovery	1.7	0	0	0
1905	501	38/50					silty sand with clay		HP26 no recovery				
	502						lenses & small quartz		Screen opened on				
	503						frags. some lignite		both HP25 & HP26				
							present						
S-24 @	510	51/100/2			4"	gray orange	fine grain silty sand with		HP27 no recovery	0	0	0	0
0730	511						trace of silty clay		Screen half open				
									(PVC replaced with				
									stainless steel screen)				
S-25 @	520	48/100/3	12"		~~12"~~ @	~~8"~~ @			HP28 (screen partially) no recovery	0	0	0	0
1055	521				8"	gry org	med to fine grain silty		(bent rod replaced)				
							sand		HP29 no recovery				
					4"	gry	silty clay w/ fine sand		(screen fully opened)				
S-26 @	530	25/57	24"		24"	gry	fine grain silty sand		HP30 @ 1545	0	0	0	0
1425	531	100/6					very dry		BP-VPB-47-532533				
	532								BP-VPB-47-DUP2				
S-27 @	540	7/7	12"		12"	yllw gry	med - fine grain silty sand		HP31 @ 0900	0	0	0	0
0750		7/7				brown	with trace of clay and		BP-VPB-47-541542				
							some gravel		* only enough volume for				
									1 VOA bottle				

5/29
5/30

* 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. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midway 1500

BORING No.: VPB- 47
DATE: 5/20/01
GEOLOGIST: Mark Nowick
DRILLER: ~~J. Evans~~ Joe Jester

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	550						Sand based on drilling			0	0	0	0
S-28 @ 0955	560	22 59 / 100 2	5"		1"	white	silty clay		HP 32 @ 1105	0	0	0	0
					4"	gray brg	fine grain silty sand		BP-VPB-47-561562				
	570						Sand based on drilling			0	0	0	0
S-29 @ 1135	580	55 100 4	6"		2"	brg	fine grain silty sand		HP 33 no recovery	0	0	0	0
					4"	gray	fine grain silty sand		Screen was clogged with silty sand				
S-30 @ 1335	590	25 41 49 60	24"		20"	gry	fine grain silty sand		HP 34 @ 1445	0	0	0	0
					4"	Black tan gray	fine grain silty sand with traces of clay, pyrite, and lignite (some mica)		BP-VPB-47-592593				

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm):

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4C57
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500 Midway 1500

BORING No.: VPB- 47
DATE: 5/30 01
GEOLOGIST: Mark Warwick
DRILLER: ~~J. Evans~~ Joe Jouler

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-31 @	600	43/49	12"		8"	gy	fine grain silty sand		HP 35 @ 1625	0	0	0	0
1515	601	55/52			4"	gy blk	fine grain sand with		RP-VPB-47-601602				
	602					brn	trace of silt						
5/30													
	610						Sand based on drilling			0	0	0	0
5/31													
S-32 @	620	27/52	13"		2"	gy	stiff clay		HP-36 @ 0930	0	0	0	0
0805		100/2			11"	drk gray yellow	fine grain silty sand		RP-VPB47-622623				
							with trace of clay						
	630						Sand based on drilling			0	0	0	0
S-33 @	640	31/60	6"		1"	blk white	silty lignite w/ trace clay		HP-37 no recovery	0	0	0	0
0955		100/3			5"	gy org	med - fine grain sand		(screen unopened)				
							with trace of silt		HP 38 no recovery				
									probable reason was				
									clay sand				

* 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. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Midway 1500

BORING No.: VPB- 47
DATE: 5/31/01
GEOLOGIST: Mark Nowak
DRILLER: ~~J Evans~~ Joe Jesterson

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-34 @ 1305	650	25/100/4	5"		5" / 1"	Brw org white	med grain sand w/ trace of silt, lens of clay		HP 39 no recovery due to dry sand (open screen)	0	0	0	0
S-35 @ 1500	660	100/6	6"		6"	gry brwn	coarse to fine grain sand with rounded quartz frag.		HP 40 no recovery (open screen) dry formation	0	0	0	0
S-36 @ 1640	670	100/5	4"		4"	org wht	fine grain silty sand with white clay lens + trace of lignite		HP 41 @ 1750 BP-VPB-47-671672 * Only collected 1 vial	0	0	0	0
S-37 @ 0740	680	57/100/2	12"		12" / 1"	org brn white	coarse sand + gravel with silty clay rounded quartz frag.		HP 42 @ 0755 BP-VPB-47-681682 * Only collected 1 vial	0	0	0	0
	690						Gravel based on drilling			0	0	0	0

(M)

5/31

6/1

* 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. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Unitech
DRILLING RIG: Midway 1500
BORING NUMBER: BP-VPB-47
DATE: 6/1/01
GEOLOGIST: Mark Norvick
DRILLER: Joe Jester

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-38 @ 0935	700	25/100/5	12"		4"	dk gray	silty clay		HP-43@1050	0	0	0	0
					8"	org gray	fine grain silty sand		BP-VPB-47-701702				
	710						Sand + gravel based on drilling			0	0	0	0
S-39 @ 1233	720	100/4	6"		6"	gray	coarse to fine grain		HP-44@1345	0	0	0	0
						org	sand + gravel		BP-VPB-47-721722				
						white	rounded quartz pebbles						
	730						Sand + gravel based on drilling			0	0	0	0
S-40 @ 1417	740	100/4	6"		2"	tan	fine grain silty sand		~~B~~ BP-VPB-47-DM740	0	0	0	0
					4"		gravel with large quartz fragments, some rounded		HP45@1530				
									BP-VPB-47-741742				
									* Only enough volume for 1 vial				

* 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. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 6057
DRILLING COMPANY: Uni-Tech
DRILLING RIG: ~~Failing 1500~~ Mdwy 1700

BORING No.: VPB- 47
DATE: 6/4/01
GEOLOGIST: Mark Novick
DRILLER: ~~J Evans~~ Joe Jeter

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	750						Clay @ 747-748			0	0	0	0
							Sandy clay based on drilling						
S-41 @ 1605	760	100/5	6"		6"	white brown	very clayey sand		* Decision made to not take hydropunch because of clay/closeness to clay formation	0	0	0	0
	770						clay/sand based on drilling			0	0	0	0
S-42 @ 1646	780	100/6	4"		4"	white gray	~~very~~ clayey sand		No HP taken due to clay	0	0	0	0
	790						clay/some sand based on drilling			0	0	0	0
S-43 @ 1720	800	75	12"		12"	gray blk	very dense dry clay		* borehole complete	0	0	0	0

* When rock coring, enter rock brokeness.

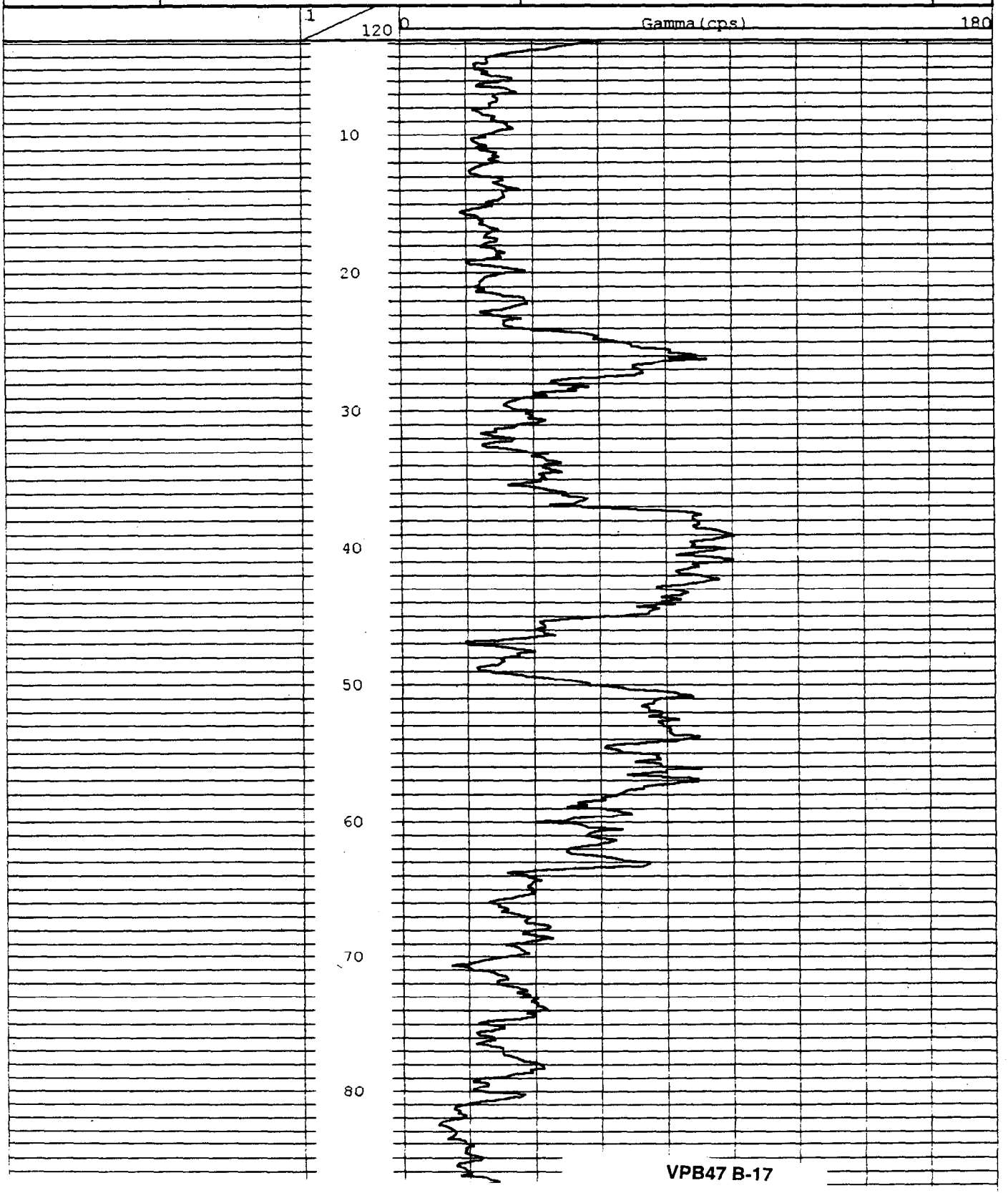
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm):

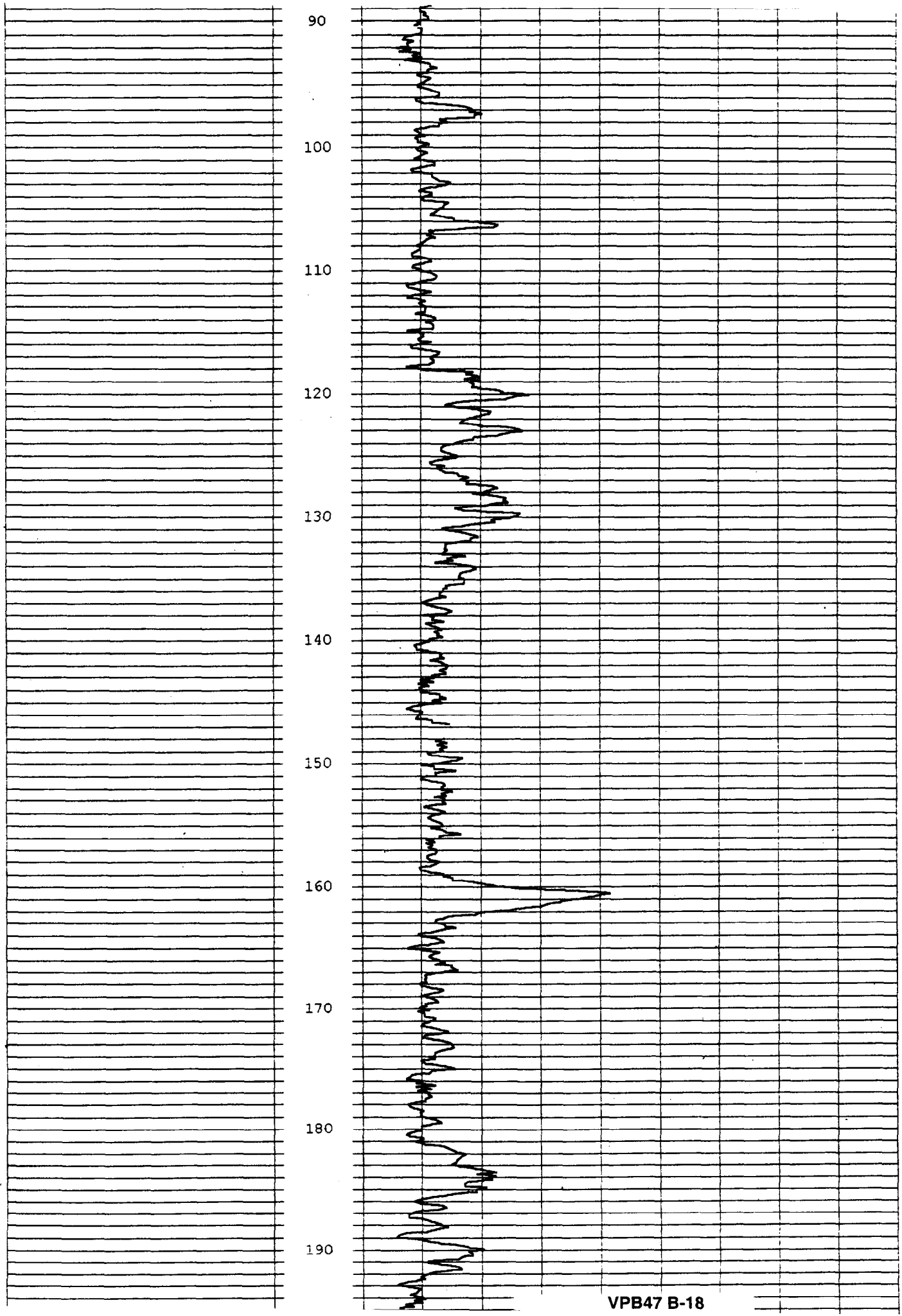
Remarks:

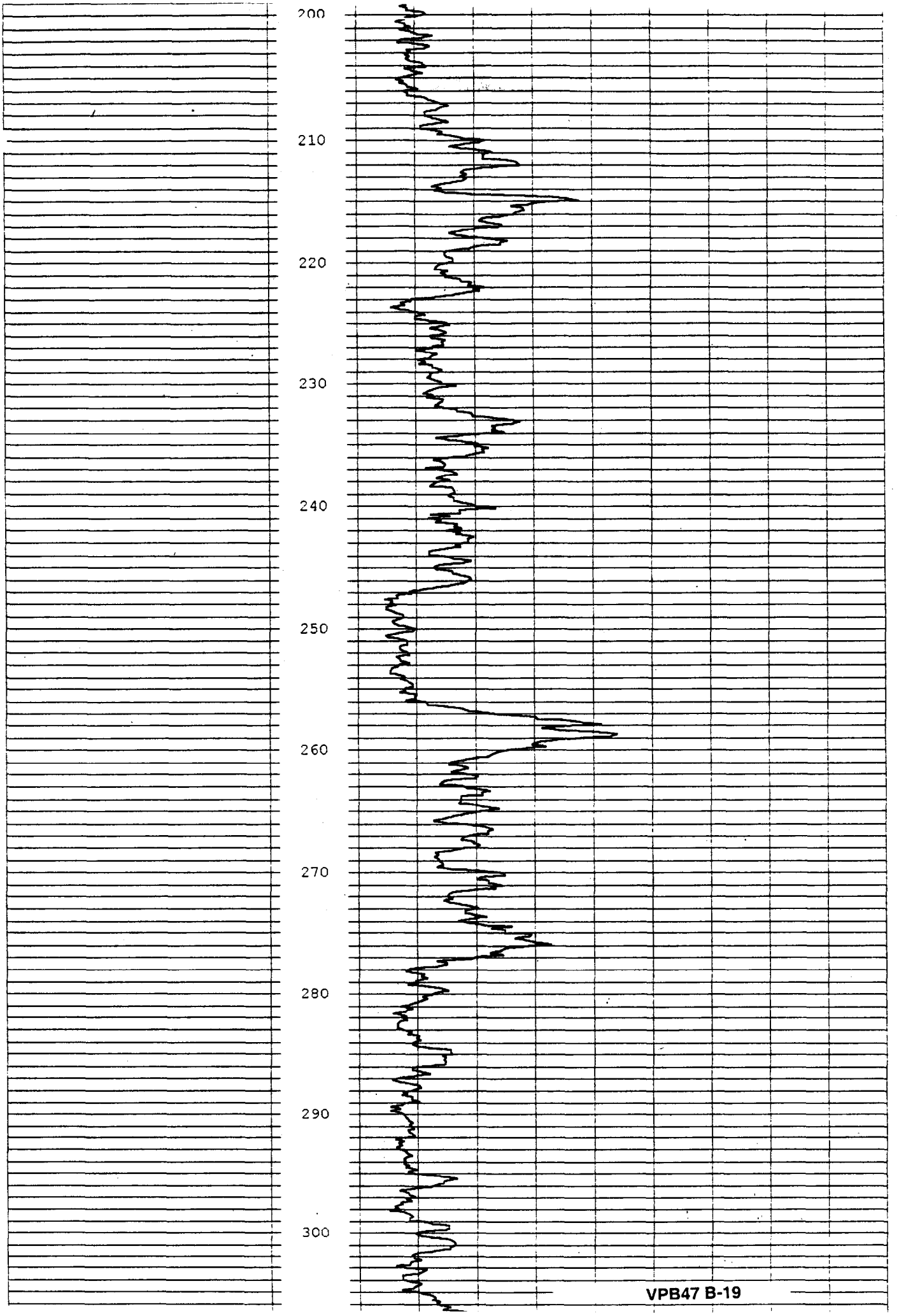
Converted to Well: Yes No Well I.D. #:

	COMPANY: UNI TECH DRILLING				Casing
	Location: HERMANN & WILSON, BETHPAGE NY				
Well	NWIRP BETHPAGE VPB-47			Depth Driller 810 FEET Depth Logger 809 FEET	150 6" PVC
Date	6/4/01	BH Fluid	MUD	Logged by: AQUA TERRA	
File Name				Witness:	



VPB47 B-17


90
100
110
120
130
140
150
160
170
180
190
VPB47 B-18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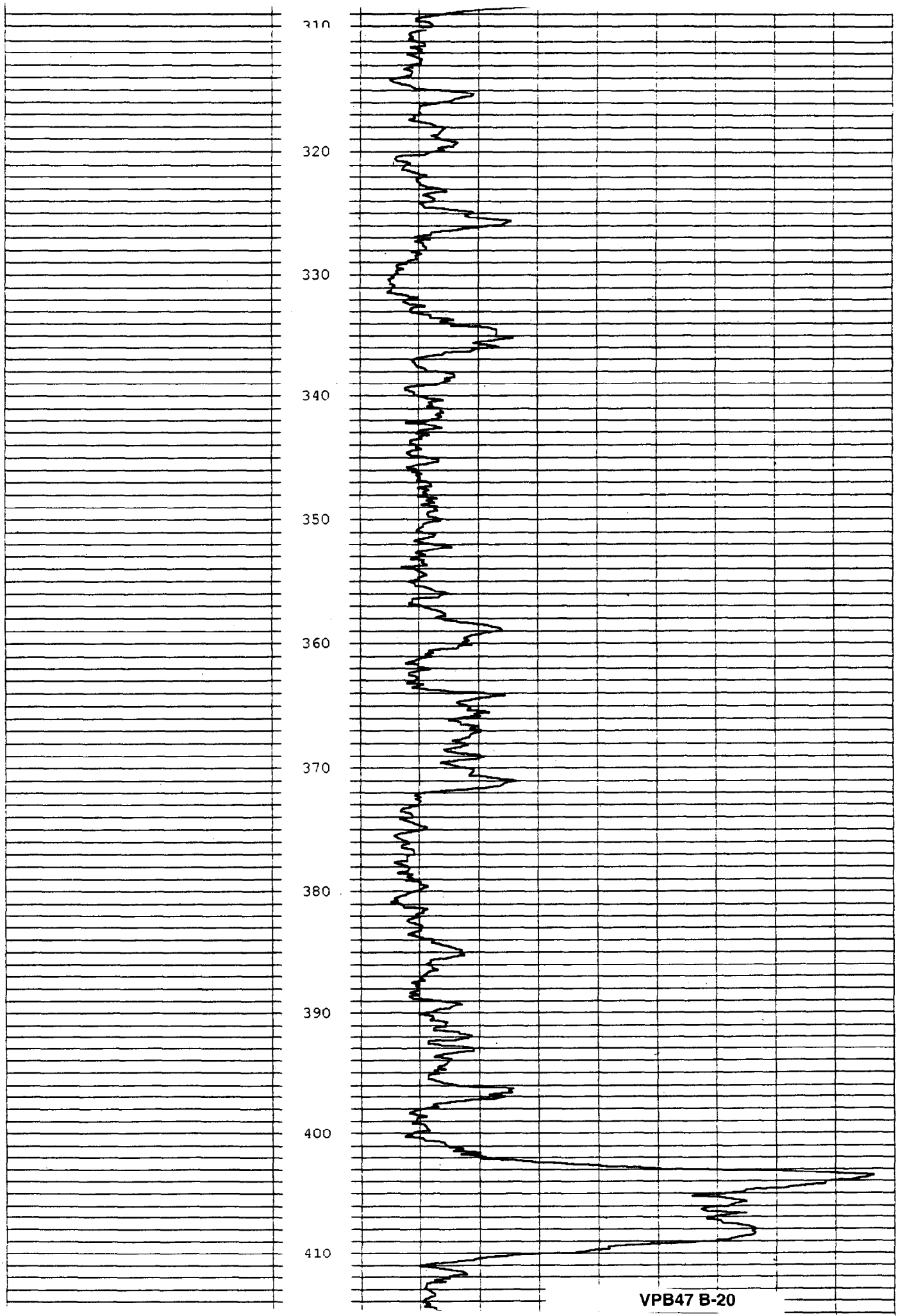
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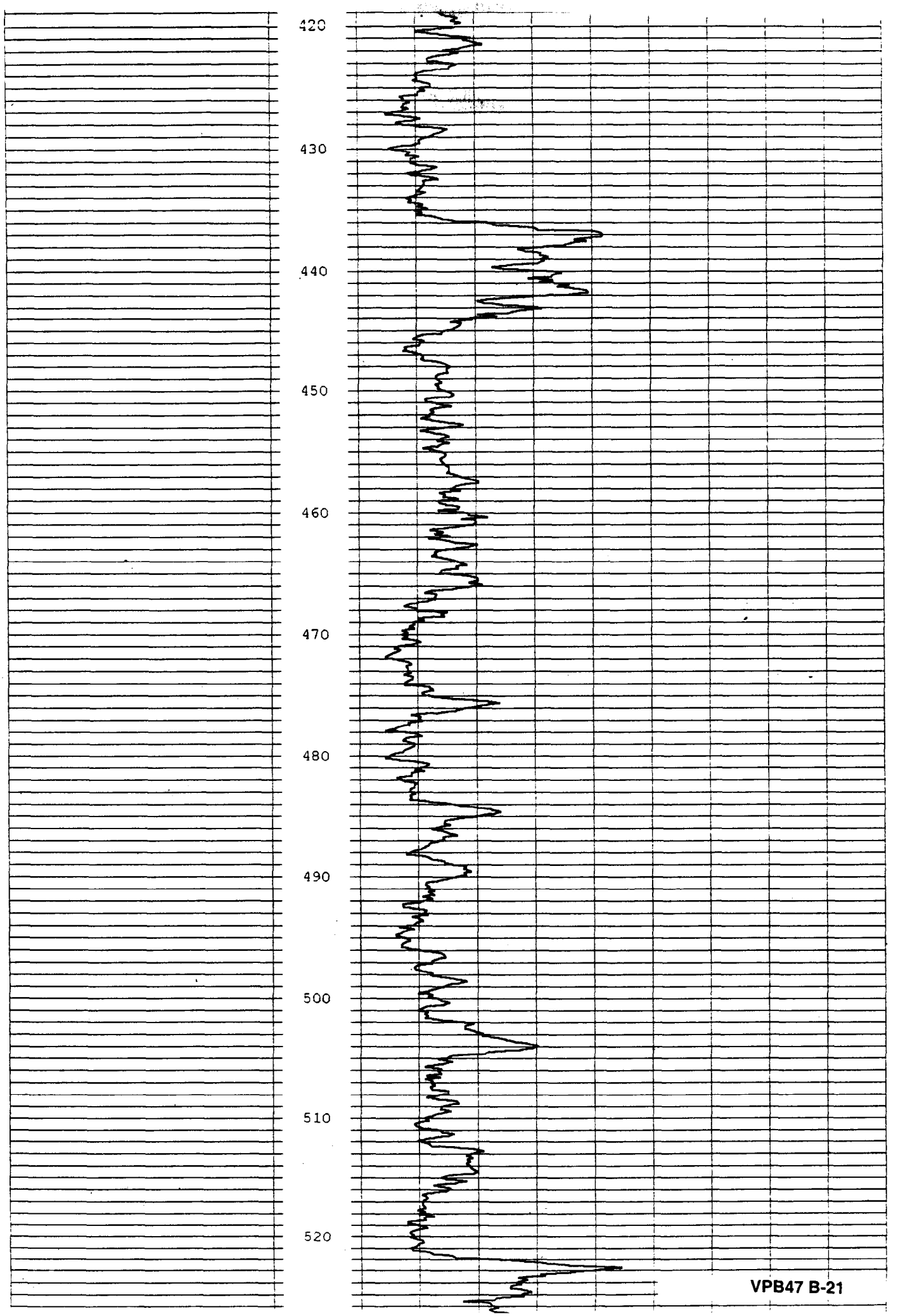
VPB47 B-20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500
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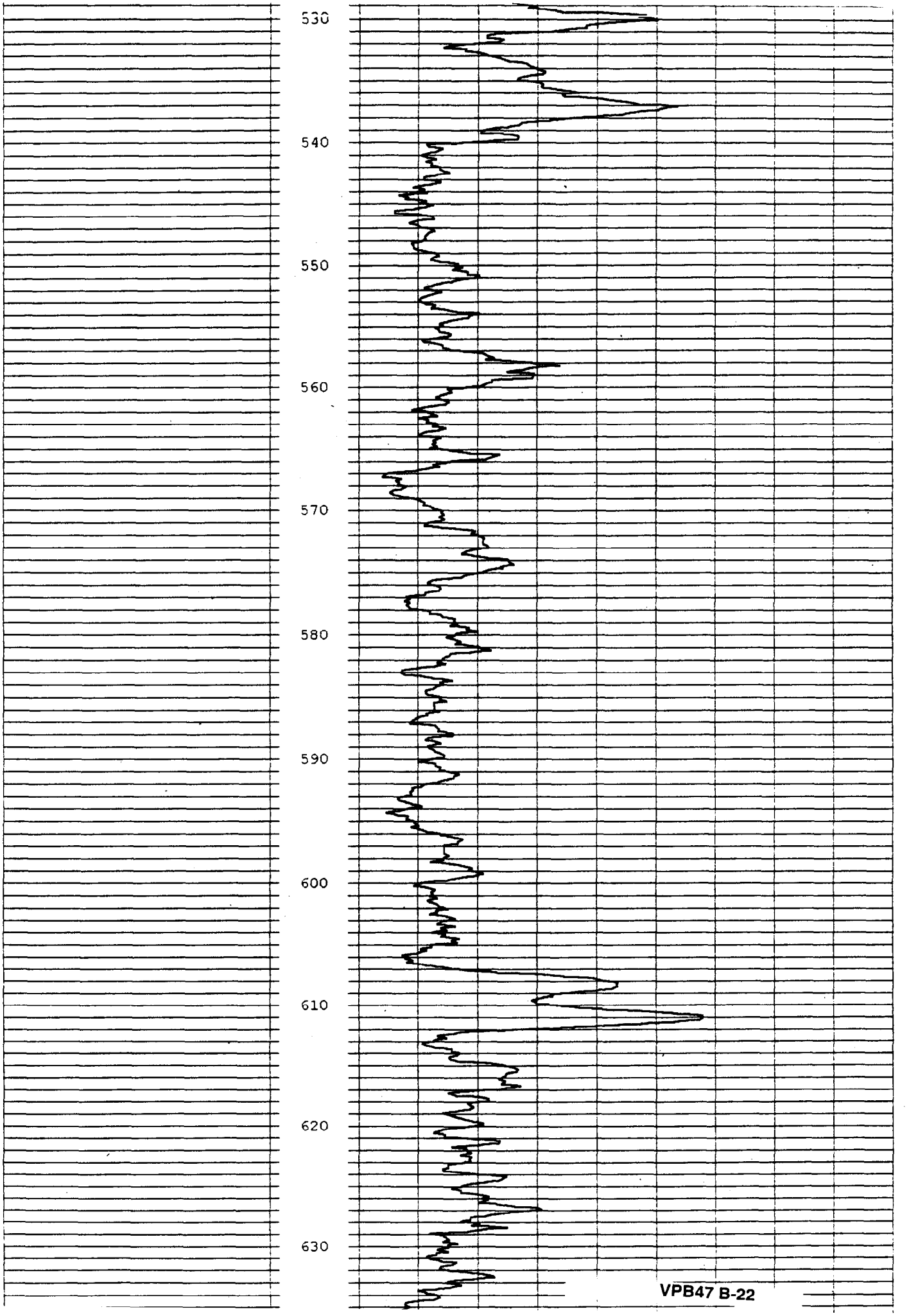
520
VPB47 B-21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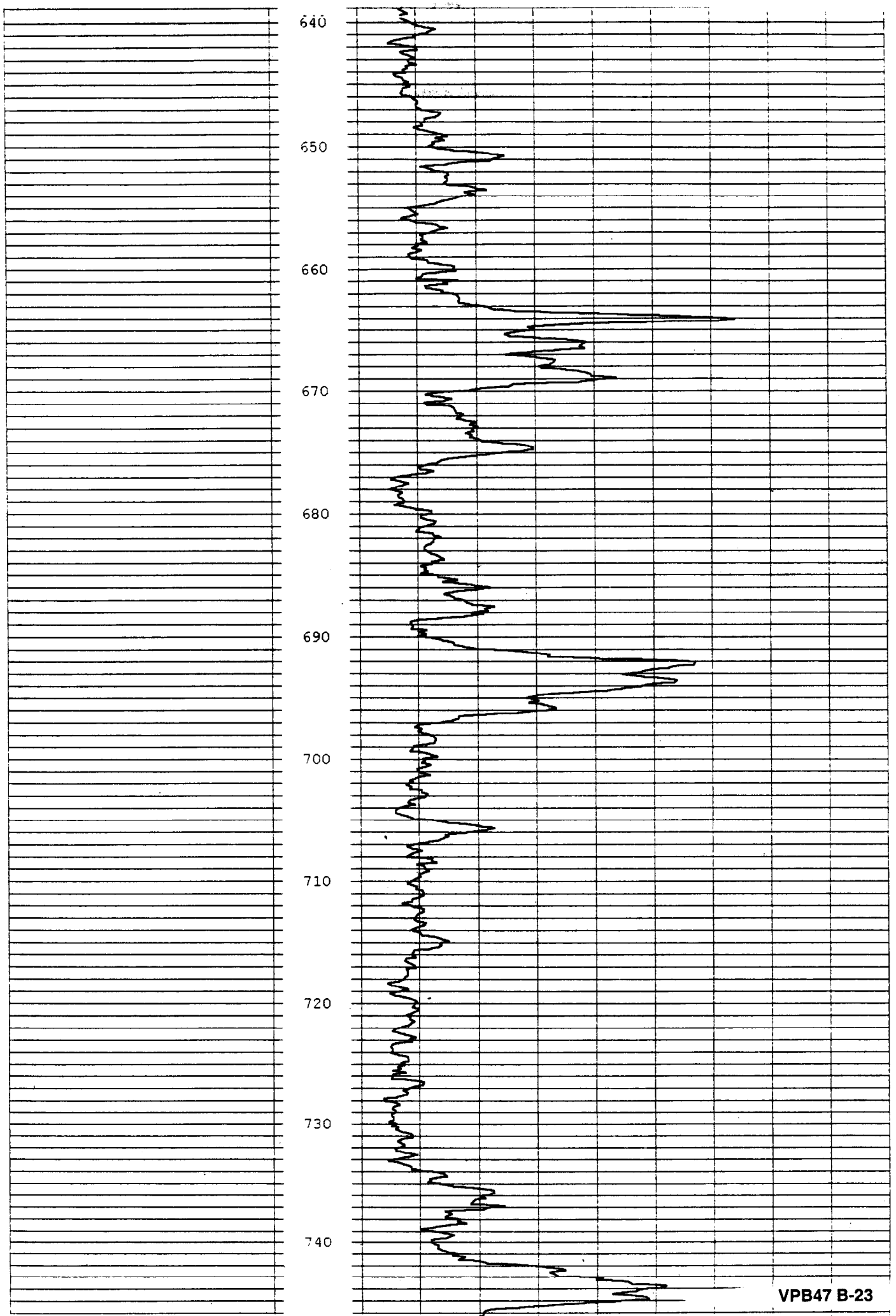
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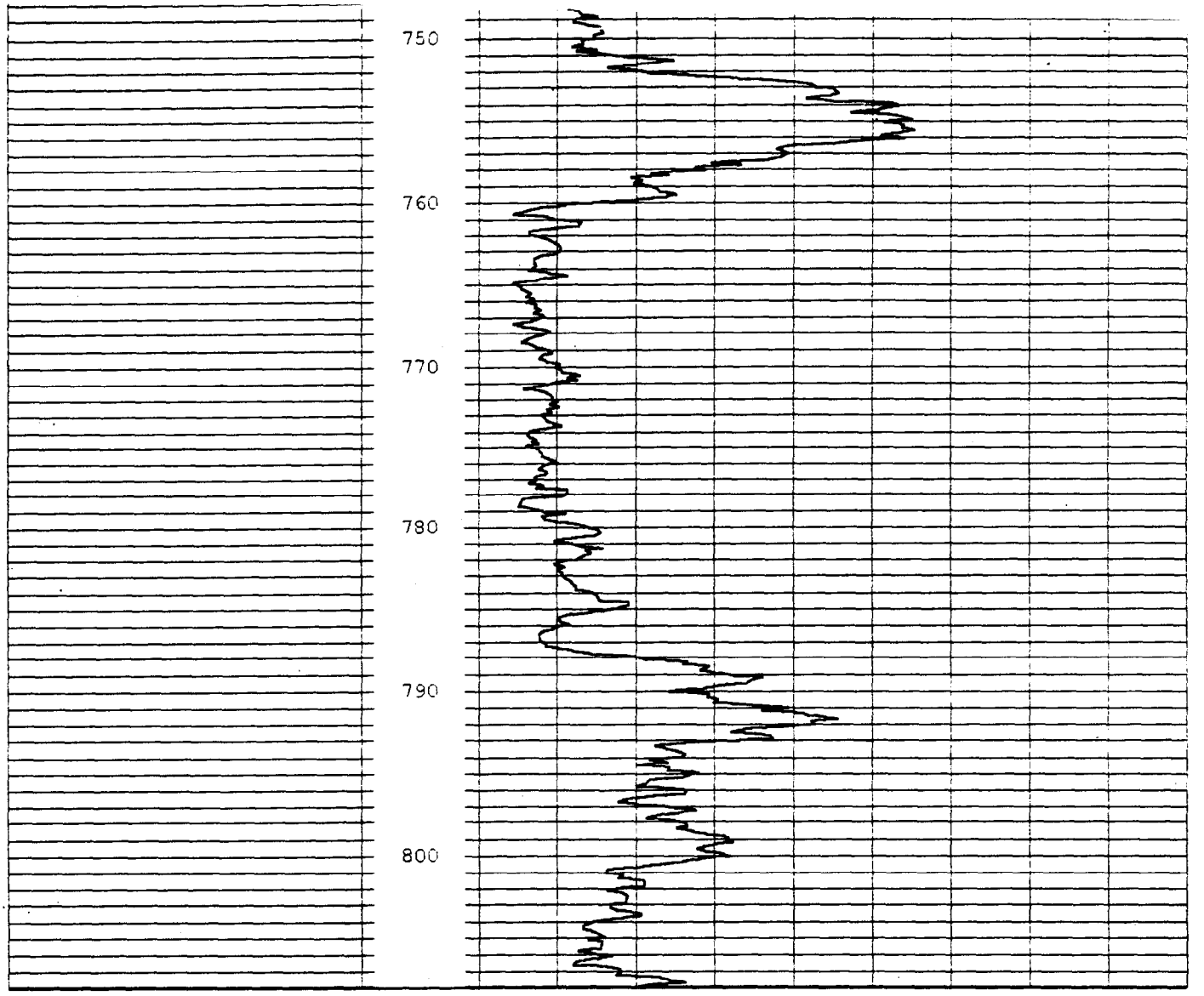
690
700
710
720
730
740
VPB47 B-23


750
760
770
780
790
800

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GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-053053
Sample Location: VPB- 47
Sampled By: Mark Norvick
C.O.C. No.: BP-VPB-051601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/15/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1620	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	5.40	.875	19.7	92	8.58	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1530

Sample depth (screened interval) = 52' to 53'

Screen exposed to formation for 45 minutes.

Depth of borehole prior to advancing hydropunch = 52'

DO + turbidity could be false due to insufficient volume

- Sample appeared to be formation water

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 47-132133
Sample Location: VPB- 47
Sampled By: Mark Norwick
C.O.C. No.: BP-VPB-0501801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/16/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1420	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	clear/brown	5.91	.583	16.1	84	.86	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at ~~132' to 133'~~ 1315

Sample depth (screened interval) = 132' to 133'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 132'

Recovery appeared to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norwick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-152153
Sample Location: VPB- 47
Sampled By: Mark Nowicki
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/16/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1600	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	5.97	.987	16.3	—	.48	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1455

Sample depth (screened interval) = 152' to 153'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 152'

Recovery appeared to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Nowicki

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-212213
Sample Location: VPB-47
Sampled By: Mark Norvick
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/17/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1105	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown/grey						-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0957

Sample depth (screened interval) = 212'-213'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 212'

Recovery appeared to be formation water

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-222223
Sample Location: VPB- 47
Sampled By: Mark Norvick
C.O.C. No.: BP-VPB-058601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/17/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1230	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Tan/grey						------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1126

Sample depth (screened interval) = 222' to 223'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 222'

Recovery only allow for 1 VOA bottle to be filled

Recovery appeared to be formation water

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 47-242243
Sample Location: VPB- 47
Sampled By: Mark Norvick
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/17/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1355	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	5.95	.554	18.6	299	.70	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1255

Sample depth (screened interval) = 242' to 245'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 242'

Recovery appeared to be formation water

Circle if Applicable:

MS/MSD

Duplicate ID No.: BP-VPB-47-Dup 1

Signature(s):

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GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-262263
Sample Location: VPB- 47
Sampled By: Mark Norwell
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 5/17/01								
Time: 1535								
Method: Hydropunch	Lt. Brown						-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1420

Sample depth (screened interval) = 267'-263'

Screen exposed to formation for 75 minutes.

Depth of borehole prior to advancing hydropunch = 262'

Recovery appears to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-282283
Sample Location: VPB-47
Sampled By: Mark Nowicki
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/17/01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1700								
Method: Hydropunch	lt. Brown						-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1555

Sample depth (screened interval) = 282'-283'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 282'

Recovery appeared to be formation water

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Mark Nowicki

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N4034

[] Domestic Well Data
[] Monitoring Well Data
[X] Other Well Type: Mud Rotary
[] QA Sample Type:

Sample ID No.: AP-VPB47-302303
Sample Location: VPB-47
Sampled By: Mark Novick
C.O.C. No.: AP-VPB-051801
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	TBD	TBD
Date: 5/18/01								
Time: 0900								
Method: Hydropunch	Brown							

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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
VOC	4°C	2 x 40 mL VOA	2

OBSERVATIONS / NOTES:

Exposed at 0805
Sample depth (screen interval) 302-303'
Screen exposed for 65 minutes
Depth of borehole prior - 302'

Recovery appeared to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 47-DM210
Sample Location: VPB- 47
Sampled By: Mark Nowicki
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/17/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0940	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: ~~Hydropunch~~ Grab	Grey/brown	6.27	1.37	15.7	–	4.20	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at

Sample depth (screened interval) =

Screen exposed to formation for minutes.

Depth of borehole prior to advancing hydropunch =

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Mark Nowicki

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 47-344345
Sample Location: VPB- 47
Sampled By: Mark Norvick
C.O.C. No.: BP-VPB-052301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/21/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1215	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	5.51	.319	15.0	621	0.25	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1115

Sample depth (screened interval) = 344'-345'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 344'

Recovery appears to be formation water

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-382-385
Sample Location: VPB-47
Sampled By: Mark Norwick
C.O.C. No.: BP-VPB-052301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 5/21/01								
Time: 1550								
Method: Hydropunch	Brown	5.52	.219	15.8	649	.58	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1440

Sample depth (screened interval) = 382'-385'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 382'

Recovery appears to be formation water

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Mark Norwick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-402403
Sample Location: VPB-47
Sampled By: Mark Norvick
C.O.C. No.: BP-SPB-052301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/22/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0940	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	5.54	.424		—		----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0835

Sample depth (screened interval) = 402'-403'

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 402'

Recovery appears to be formation water

* Horiba read Er-1 midway between checking parameters

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 47 -422423
Sample Location: VPB- 47
Sampled By: Mark Norvick
C.O.C. No.: BP-VPB-052901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/22/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1105	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch							-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1010

Sample depth (screened interval) = 422' to 423'

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 422'

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-482483
Sample Location: VPB- 47
Sampled By: Mark Norris
C.O.C. No.: BP-VPB-050501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/24/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1340	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown						----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1240

Sample depth (screened interval) = 482' to 483'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 482'

Recovery appears to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norris

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-532533
Sample Location: VPB- 47
Sampled By: Mark Nowicki
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 5/29/01								
Time: 1545								
Method: Hydropunch	grey/clear	5.65	.153	18.7°	988	1.98	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1445

Sample depth (screened interval) = 532'-533

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 532'

Recovery appears to be formation water

Circle if Applicable:

MS/MSD

Duplicate ID No.: BP-VPB-47-DUP 2

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 47 - 541541
Sample Location: VPB- 47
Sampled By: Mark Norvik
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0900	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown/grey						-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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):								
d Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	↓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0900

Sample depth (screened interval) = 541'-542'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 541'

Recovery looks very similar to drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norvik

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 47-561/562
Sample Location: VPB- 47
Sampled By: Mark Nowick
C.O.C. No.: BP-VPB-000101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 5/30/01								
Time: 1105								
Method: Hydropunch	Brown						—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1010

Sample depth (screened interval) = 561'-562'

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 561'

Recovery resembles drilling mud

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Mark Nowick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 47- 592593
Sample Location: VPB- 47
Sampled By: Mark Nowicki
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/30/01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1445								
Method: Hydropunch	Milky						—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1345

Sample depth (screened interval) = 592'-593'

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 592'

Recovery appears to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Nowicki

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-601602
Sample Location: VPB- 47
Sampled By: Mark Norvick
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1625	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	grey/clear						----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1530

Sample depth (screened interval) = 601'-602'

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 601'

Recovery appears to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-622623
Sample Location: VPB- 47
Sampled By: Mark Norvink
C.O.C. No.: BP-VPB-000101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/31/01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 0920								
Method: Hydropunch	Clear/brown						—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0818

Sample depth (screened interval) = 622'-623'

Screen exposed to formation for 62 minutes.

Depth of borehole prior to advancing hydropunch = 622'

Recovery appears to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [signature]

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GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-671/672
Sample Location: VPB-47
Sampled By: Mark Norvich
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 5/31/01								
Time: 1750								
Method: Hydropunch	Brown						—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1650

Sample depth (screened interval) = 671'-672'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 671'

Recovery resembles drilling mud.
* Only enough to fill one vial.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-68/68.2
Sample Location: VPB-47
Sampled By: Mark Norwick
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/1/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0855	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown						—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0755

Sample depth (screened interval) = 68' - 68.2'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 68'

Recovery appears to be formation water

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-70/70.2
Sample Location: VPB-47
Sampled By: Mark Novinski
C.O.C. No.: BP-VPB-000101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/1/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1050	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown						—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0948

Sample depth (screened interval) = 70' - 70.2'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 70'

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-721722
Sample Location: VPB-47
Sampled By: Mark Norvick
C.O.C. No.: BP-060601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/4/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1345	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown						—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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):								
nd Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1248

Sample depth (screened interval) = 721'-722'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 721'

Recovery appears to be a mix between groundwater & drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-47-DM740
Sample Location: VPB- 47
Sampled By: Mark Norwick
C.O.C. No.: 68-060601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/4/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1400	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown						—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at

Sample depth (screened interval) =

Screen exposed to formation for minutes.

Depth of borehole prior to advancing hydropunch =

Sample is drilling mud

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Mark Norwick

VPB47 B-50

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB- 47-741742
Sample Location: VPB- 47
Sampled By: Mark Norvik
C.O.C. No.: BP-060601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/4/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1330	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Opaque						—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1430

Sample depth (screened interval) = 741'-742'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 741'

Recovery appears similar to drilling mud

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): [signature]

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-47-210212
Sample Location: VPB-47
Sampled By: Mark Norvick
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 5/17/01 Time: 0948 Method: Split Spoon Monitor Reading (ppm): 0.0	210' to 212'	Orange/grey	Fine grain sand with silt, wet and some lignite

COMPOSITE SAMPLE DATA:

Date:	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC Weekly Blank	1 4oz jar	1	

OBSERVATIONS / [redacted]

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norvick

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N4037

Sample ID No.: BP-VPB-47-380382
Sample Location: VPB-47
Sampled By: Mark Nowicki
C.O.C. No.:

- [ ] Surface Soil
- [x] Subsurface Soil
- [ ] Sediment
- [ ] Other:
- [ ] QA Sample Type:

Type of Sample:
- [x] Low Concentration
- [ ] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 5/21/01		Brown/Orange	fine grain silty sand
Time: 1425		lt gray/pink	dense clay
Method: Split Spoon	380' to 382'		
Monitor Reading (ppm): 0.0			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	1 4 oz jar	1	

OBSERVATIONS / [redacted]

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-051501
Sampled By: Mark Norvick
C.O.C. Number: BP-VPB-051601

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 5/15/01
Time: 1015
Method: Lab supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Mark Norvick

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-47
QA Sample Type:

Sample ID Number: BP-RB-051801
Sampled By: Mark Norvick
C.O.C. Number: BP-VPB-051801

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 5/18/01
Time: 0910
Method:

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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

Product Name:
Supplier: Lab supplied
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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

[] Trip Blank
[] Source Water Blank

Sample ID Number: BP-TB-052101-2
Sampled By: Mark Nowik
C.O.C. Number: BP-VPB-052301

[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 5/17/01
Time: 1535
Method: Lab supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of __

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: RP-TB-052301-2
Sampled By: Mark Norvick
C.O.C. Number: BP-VPB-052501

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 5/17/01
Time: 1541
Method: Grab

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-47
QA Sample Type:

Sample ID Number: BP-RB-052501
Sampled By: Mark Norwood
C.O.C. Number: BP-VPB-052501

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank ___

SAMPLING DATA:

Date: 5/25/01
Time: 0900
Method: Grab

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[] Other ___
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s): [signature]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: Lab supplied
QA Sample Type:

Sample ID Number: BP-TB-052901
Sampled By: Mark Norwick
C.O.C. Number: BP-VPB-060101

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank ____

SAMPLING DATA:

Date: 5/29/01
Time: 1401
Method: Lab Supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other ____
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: RP-RB-060101
Sampled By: Mark Norrick
C.O.C. Number: BP-VPB-060101

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 6/1/01
Time: 0910
Method:

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-47
QA Sample Type:

Sample ID Number: BP-TB-060401
Sampled By: Mark Norwick
C.O.C. Number:

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 5/25/01
Time: 0945
Method: Lab Supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s): Mark Norwick

CHAIN OF CUSTODY RECORD

BP-VPB-051601

PROJECT NO.: N4037-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Mark Norwick, Stan Conti

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml VOA VOCs						REMARKS
1	5/15/01	1620		X	BP-VPB-47-052053	2	X						
2	5/16/01	1015		X	BP-TB-051501	2	X						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	5/16/01 0830				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped via laboratory courier	

VPB47 B-62

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

BP-VPB-051801

PROJECT NO.: N4067

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): [illegible] Vince Shickard

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40ml VOA (VOC)						REMARKS
1	5/16/01	1000		X	BP-TB-051601	2	X						Lab supplied trip blank
2	5/16/01	1010		X	BP-TB-051601-2	2	X						Lab supplied trip blank (duplicate)
3	5/16/01	1350		X	BP-VPB-48-162103	2	X						
4	5/16/01	1435		X	BP-VPB-48-151152	2	X						
5	5/16/01	1435		X	BP-VPB-47-132133	2	X						
6	5/16/01	1600		X	BP-VPB-47-152153	2	X						
7	5/17/01	1105		X	BP-VPB-47-212213	2	X						
8	5/17/01	1230		X	BP-VPB-47-222223	1	X						Insufficient volume recovered To fill both Jars
9	5/17/01	1355		X	BP-VPB-47-242243	2	X						
10	5/17/01	1410		X	BP-VPB-47-DUP1	2	X						
11	5/17/01	1535		X	BP-VPB-47-261263	2	X						
12	5/17/01	1700		X	BP-VPB-47-271273	2	X						
13	5/17/01	[illegible]		X	BP-VPB-47-DM210	2	X						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[illegible]	5/18/01 [illegible]				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped Via Laboratory Courier	

(0408)

VPB47 B-63

CHAIN OF CUSTODY RECORD

BP-VPB-051801 (page 2)

PROJECT NO.: N4-37 0500

SITE NAME: NWSRP Bathpage

SAMPLERS (SIGNATURE): Vince Shinkard [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml Vial VOCs						REMARKS
14	5/17/01	0930		X	BP VPB-48-201202	2	2						
15	5/17/01	1050		X	BP-VPB-48-222223	2	2						
16	5/17/01	1225		X	BP-VPB-48-242243	2	2						
17	5/17/01	1240		X	BP-VPB-48-DM260	2	2						Drilling Mud (@ 260')
18	5/17/01	1425		X	BP VPB-48-262263	2	2						
19	5/17/01	1435		X	BP-RB-051701	2	2						Rinsate Blank (Hydropunch)
20	5/17/01	1600		X	BP-VPB-48-282283	2	2						
21	5/17/01	1700		X	BP-VPB-48-Dup1	2	2						
22	5/17/01	1740		X	BP-VPB-48-302303	2	2						
23	5/18/01	0915		X	BP-VPB-48-322323	1	1						Insufficient volume recovered To fill both Jars
24	5/18/01	1046		X	BP-VPB-48-342343	2	2						
25	5/18/01	1215		X	BP-VPB-48-362363	2	2						
26	5/18/01	1400		X	BP-VPB-47-302303	2	2						
27	5/18/01	0915		X	BP-RB-051801	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	5-18-01 0800				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped via Laboratory Courier	

(0498)

VPB47 B-64

SOIL SAMPLES

CHAIN OF CUSTODY RECORD

BP-VPB-052201

PROJECT NO.: N4037-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shikora [signature] Mark Norvick [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	4 ounce Tot TOC						REMARKS
1	5/17/01	0948		X	BP-VPB-47-210212	1	1						
2	5/17/01	0810		X	BP-VPB-48-200201	1	1						
3	5/21/01	1250		X	BP-VPB-48-401402	1	1						
4	5/21/01	1425		X	BP-VPB-47-380382	1	1						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	5-22-01 1200				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped via Federal Express Airbill # 805392174659	

VPB47 B-65

(0108)

CHAIN OF CUSTODY RECORD

BP-VPB-052301

PROJECT NO.: N4037-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickora, Mark Norvick

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml VOCs						REMARKS
1	5/17/01	1545		X	BP-TB-052101	2	2						Lab supplied Trip Blank (VPB-48)
2	5/21/01	1230		X	BP-VPB-48-382383	2	2						
3	5/21/01	1405		X	BP-VPB-48-402403	2	2						
4	5/21/01	1540		X	BP-VPB-48-422423	2	2						
5	5/17/01	1535		X	BP-TB-052101-2	2	2						Lab supplied Trip Blank (VPB-47)
6	5/21/01	1215		X	BP-VPB-47-344345	2	2						
7	5/21/01	1550		X	BP-VPB-47-382383	2	2						
8	5/22/01	0940		X	BP-VPB-48-442443	2	2						
9	5/22/01	1320		X	BP-RB-052201	2	2						Rinsate Blank (VPB-48)
10	5/22/01	0940		X	BP-VPB-47-402403	2	2						
11	5/22/01	1105		X	BP-VPB-47-422423	2	2						
~~12~~	~~5/22/01~~	~~0945~~		~~X~~	~~BP-VPB~~ VAS								
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	5-23-01 0800				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped via Laboratory Courier	

VPB47 B-66

(0498)

CHAIN OF CUSTODY RECORD

BP-VPB-052501

PROJECT NO.: N4037 0500

SITE NAME: NWTRP Bathpage

SAMPLERS (SIGNATURE): Vince Shinkoia, Mark Novick

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml vials VOCs						REMARKS
~~1~~	~~5/19/01~~	~~1500~~		~~X~~	~~BP-TB-052301~~ (VOCs)								
1	5/23/01	1523		X	BP-TB-052301	2	2						Lab Supplied Trip Blank
2	5/23/01	1541		X	BP-TB-052301-2	2	2						Lab Supplied Trip Blank
3	5/24/01	0920		X	BP-VPB-48-482483	2	2						
4	5/24/01	1057		X	BP-VPB-48-502503	2	2						
5	5/24/01	1240		X	BP-VPB-48-522523	2	2						
6	5/24/01	1425		X	BP-VPB-48-542543	1	1						insufficient volume recovered To fill 2 vials
7	5/24/01	1615		X	BP-VPB-48-562563	2	2						
8	5/24/01	1750		X	BP-VPB-48-582583	2	2						
9	5/25/01	0850		X	BP-VPB-48-602603	2	2						
10	5/25/01	0900		X	BP-RB-052501	2	2						Rinsate Blank (Hydropunch VPB-47)
11	5/24/01	1340		X	BP-VPB-47-482483	1	1						insufficient volume recovered To fill 2 vials
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	5-25-01 1000				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped by laboratory Courier	

(0498)

VPB47 B-67

CHAIN OF CUSTODY RECORD

COC # BP-VPB060101

Page 1 of 2

PROJECT NO.: N4037-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's						REMARKS
1	5/29/01	1401		X	BP-TB-052901	2	X						Lab supplied trip blank for VPB-47 samples
2	5/29/01	1545		X	BP-VPB-47-532533	2	X						
3	5/29/01	1555		X	BP-VPB-47-DUP2	2	X						
4	5/30/01	0650		X	BP-TB-052901-48	2	X						Lab supplied trip blank for VPB-48 samples
5	5/30/01	1240		X	BP-VPB-48-620621	2	X						
6	5/30/01	1410		X	BP-VPB-48-641642	2	X						
7	5/30/01	1715		X	BP-VPB-48-661662	2	X						
8	5/30/01	0000		X	BP-VPB48-DUP2	2	X						DUPLICATE OF BP-VPB-48-641642
9	5/30/01	0900		X	BP-VPB-47-541542	1	X						
10	5/30/01	1105		X	BP-VPB-47-561562	2	X						
11	5/30/01	1445		X	BP-VPB-47-592593	2	X						
12	5/30/01	1625		X	BP-VPB-47-601602	2	X						
13	5/30/01	0415		X	BP-VPB-48-661662	2	X						
14	5/30/01	[illegible]		X	BP-VPB-48-701702	(Dup) 1	X						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[illegible]	6/1/01 1700	NWA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

VPB47 B-68

CHAIN OF CUSTODY RECORD

COC # BP-VPB060101 PAGE 2 OF

PROJECT NO.:	SITE NAME:
NW37	NWIRP Bethpage

SAMPLERS (SIGNATURE): [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
15	5/30/01	1310		X	BP-VPB-48-721702	2	X						
16	5/30/01	1510		X	BP-VPB-48-741742	2	X						
17	5/30/01	1630		X	BP-RB053001-48	2	X						RINSATE BLANK ON HP USED AT VPB-48.
18	5/30/01	[illegible]		X	BP-VPB48-DUP3	2	X						DUPLICATE OF BP-VPB-48-681682
19	5/31/01	0920		X	BP-VPB-47-622623	2	X						
20	5/31/01	1750		X	BP-VPB-47-671672	1	X						Only enough volume for 1 bottle
21	6/1/01	0855		X	BP-VPB-47-681682	1	X						Only enough volume for 1 bottle
22	6/1/01	1050		X	BP-VPB-47-701702	2	X						
23	6/1/01	0910		X	BP-RB060101	2	X						Rinsate blank on HP used at VPB-47

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[illegible]	6/1/01 1300	NOVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

COC # BP-060601

CHAIN OF CUSTODY RECORD

PROJECT NO.: N4037-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC'S						REMARKS
1	5/29/01	0945		X	BP-TB-060401	2	X						Trip Blank for VPB-47
2	6/4/01	1345		X	BP-VPB-47-721722	2	X						
3	6/4/01	1530		X	BP-VPB-47-741742	1	X						Only enough volume for 1 vial
4	5/29/01	0938		X	BP-TB-060501	2	X						
5	6/5/01	1230		X	BP-VPB-43-051052	2	X						TB FOR VPB-43
6	6/5/01	1435		X	BP-VPB-43-101102	2	X						
7	6/5/01	1640		X	BP-VPB-43-151152	2	X						
8	6/4/01	1400		X	BP-VPB-47-DM740	2	X						Drilling mud

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[illegible]	[illegible]				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

VPB47 B-70

(0498)

4037- IRP BETHPAGE
SOIL DATA
QUANTERRA
SDG: BP018

SAMPLE NUMBER:	BP-VPB-47-210212	BP-VPB-47-380382	BP-VPB-48-200201	BP-VPB-48-401402
SAMPLE DATE:	05/17/01	05/21/01	05/17/01	05/21/01
LABORATORY ID:	C1E230145001	C1E230145004	C1E230145002	C1E230145003
QC_TYPE:	NORMAL	NORMAL	NORMAL	NORMAL
% SOLIDS:	79.0 %	78.0 %	84.0 %	80.0 %
FIELD DUPLICATE OF:				

	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE
INORGANIC PARAMETERS												
CARBON(MG/KG)	63.5	U		410			59.3	U		1780		

VPB47 B-71

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:212428.02 05/21/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/11/01 RECEIVED:05/16/01

SAMPLE: Water sample, BP-TB-051501, 1015

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212428.01 05/21/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/15/01 RECEIVED:05/16/01

SAMPLE: Water sample, BP-VPB-47-052053, 1620

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<5	Ethyl Benzene	ug/L	<5
Vinyl Chloride	ug/L	<5	Styrene	ug/L	<5
Chloroethane	ug/L	<5	o Xylene	ug/L	<5
Methylene Chloride	ug/L	<5	m + p Xylene	ug/L	<10
Acetone	ug/L	<50	Xylene	ug/L	<15
Carbon disulfide	ug/L	<5	Bromomethane	ug/L	<5
1,1 Dichloroethene	ug/L	<5	ter.ButylMethylEther	ug/L	<5
1,1 Dichloroethane	ug/L	8	Freon 113	ug/L	<5
1,2 Dichloroethene	ug/L	<5	Trichlorofluomethane	ug/L	<5
Chloroform	ug/L	<5	Dichlordifluomethane	ug/L	<5
1,2 Dichloroethane	ug/L	<5	c-1,3Dichloropropene	ug/L	<5
2-Butanone	ug/L	<50	t-1,3Dichloropropene	ug/L	<5
111 Trichloroethane	ug/L	<5	Trichloroethene	ug/L	<5
Carbon Tetrachloride	ug/L	<5			
Bromodichloromethane	ug/L	<5			
1,2 Dichloropropane	ug/L	<5			
112 Trichloroethane	ug/L	<5			
Benzene	ug/L	<5			
Bromoform	ug/L	<5			
4-Methyl-2-Pentanone	ug/L	<50			
2-Hexanone	ug/L	<50			
Tetrachloroethene	ug/L	<5			
Toluene	ug/L	<5			
1122Tetrachloroethan	ug/L	<5			
Chlorobenzene	ug/L	<5			

cc:

REMARKS: Elevated detection limits due to foaming.

DIRECTOR

rn= 14123

VPB47 B-73

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.02 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/11/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-TB-051601-2, 1010

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212473.05 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/16/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-132133, 1425

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	12	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14337 VPB47 B-75

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.06 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/16/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-152153, 1600

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	16
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.07 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-212213, 1105

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	34
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 14339 VPB47 B-77

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.08 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-222223, 1230

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	1
1,2 Dichloroethene	ug/L	6
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	5

cc:

REMARKS:

DIRECTOR

rn= 14340 VPB47 B-78

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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LAB NO:212473.09 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-242243, 1355

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	25
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	1
1,2 Dichloroethene	ug/L	9
Chloroform	ug/L	1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	28

cc:

REMARKS:

DIRECTOR

rn= 14341 VPB47 B-79

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:212473.10 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-DUP1, 1410

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	21	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	8	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	27
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rp= 14342

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:212473.11 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-262263, 1535

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	12	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	2	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	180
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14343 VPB47 B-81

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.12 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-282283, 1700

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	52
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	180

cc:

REMARKS:

DIRECTOR

rp= 14344 VPB47 B-82

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.13 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-DM210, 0940

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	64	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14345 VPB47 B-83

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.26 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-47-302303, 0900

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	45
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	280

cc:

REMARKS:

DIRECTOR

rp= 14358 VPB47 B-84

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:212473.27 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-RB-051801, 0910

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 14359

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:212557.05 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-TB-052101-2, 1535

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14859 VPB47 B-86

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212557.06 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-47-344345, 1215

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	4	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	4	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	460	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	240
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	7			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR

rn= 14860 VPB47 B-87

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:212557.07 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-47-382383, 1550

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	60	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	120
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	3			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212557.10 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-47-402403, 0940

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	2	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	2	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	170	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	1	Trichloroethene	ug/L	770
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR

rn= 14864 VPB47 B-89

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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LAB NO:212557.11 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-47-422423, 1105

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	2	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	18
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:212618.10 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-RB-052501, 0900

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 15163

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:212618.11 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-47-482483, 1340

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	8
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	110			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15164

VPB47 B-92

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212618.02 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-TB-052301-2, 1541

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15155 VPB47 B-93

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212741.01 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-TB-052901, 1401

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15801

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:212741.02 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-532533, 1545

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 15802

VPB47 B-95

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:212741.03 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-DUP2, 1555

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	33
Carbon disulfide	ug/L	2
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	34
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 15803

VPB47 B-96

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:212741.09 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-541542, 0900

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	2
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	8			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15809 VPB47 B-97

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:212741.10 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-561562, 1105

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	8
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	2

cc:

REMARKS:

DIRECTOR

rn= 15810 VPB47 B-98

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:212741.11 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-592593, 1445

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 15811 VPB47 B-99

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212741.12 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-601602, 1625

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	16
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	15
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 15812

VPB47 B-100

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:212741.19 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/31/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-622623, 0920

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	17
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	16
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 15819 VPB47 B-101

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:212741.20 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/31/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-671672, 1750

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	2			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15820 VPB47 B-102

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:212741.21 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/01/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-681682, 0855

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	25	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	18	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	2			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15821

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:212741.22 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/01/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-47-701702, 1050

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

VPB47 B-104

rn= 15822

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212741.23 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/01/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-RB060101, 0910

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15823 VPB47 B-105

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212844.01 06/08/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-TB-060401, 0945

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212844.02 06/08/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/04/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-47-721722, 1345

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	16	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212844.03 06/08/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/04/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-47-741742, 1530

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	28
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	55
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	58
2-Hexanone	ug/L	320
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212844.08 06/08/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/04/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-47-DM740, 1400

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

Appendix C

VPB-48

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 48
DATE: 5-15-01
GEOLOGIST: CONTI
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1415	10					TAN BRN	SAND AND GRAVEL	GW	SUBROUND/SUB ANG. GRAVEL. UP TO 1/2" ϕ NOTED IN CUTTINGS.	0	0	0	0
1421	20						SAME AS ABOVE			0	0	0	0
1435	30						SAME AS ABOVE	GW	SOME 3/4" ANG. PIECES OF GRAVEL.	0	0	0	0
1445	40						SAME AS ABOVE			0	0	0	0
									47± HIT SOME CLAY.				
				47±			MORE CLAY CLAYEY SAND						
1450	50									0	0	0	0

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks: START W/ 8" MUD ROT (DRAG BIT)
SET 6" PVC CAS. (TEMP) @ 150'
DRILL 6" MR FROM 150'

Converted to Well: Yes ___ No

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 48
DATE: 5-15-01 / 5-16-01
GEOLOGIST: CONTI
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1500	50	14/28	.8/2		V DENSE	ORANG BRN	SILTY F/M SAND - TR	SM	MOIST → WET MICACEOUS	0			
	52	30/32					FINE GRAVEL SOME COARSE GRAVEL		SOME CLAY IN WASH				
5/15 ↑	53						IN WASH PORTION OF SAMPLE		HP-1 @ 1515 (DRIVE) BP-VPB-48 052053				
↓ 5/16									@ 1615 - NO WATER IN SAMPLER - SCREEN				
0815	60								WAS COATED W/ SILT - TR CLAY				
							SAME AS ABOVE						
S-2 @ 0830	70								MOIST → WET MICACEOUS				
	72	20/30	.9/2		V DENSE	ORANG GRAY	SILTY F SAND - TR	SM	HP-2 DRIVE @ 0845	3.8	0	0	0
	73	42/45				BRN TO	CLAY - TR GRAVEL MORE SANDY IN SHOE		BP-VPB-48-042013 @ 0945 (NO WATER)				
						GRAY			FIRST ATTEMPT NO SAMPLE - SCREEN				
									COATED W/ CLAY AND SAND				
1100	80								HP-3 DRIVE @ 1000 PULL @ 1045 - NO				
							SAME AS ABOVE		SAMPLE (DRY) SCREEN COATED W/ CLAY - SOME SAND (PHOTO 14)	-	0	0	0
1105	90												
							SAME AS ABOVE			-	0	0	0
S-3 @ 1110	100												

* 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. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-48
DATE: 5-16-01
GEOLOGIST: CONTI
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-3	100												
5/16	@ 1110	102	28 / 32	1/2		V DENSE	GRAY BRN	SILTY F/M SAND	SM/SP	WET MICACEOUS	1.7	0	0	0
			29 / 42					TR CLAY LENS. THIN (1/4")		NO GRAVEL HP-4 DROVE 1120				
										BP-VPB-48-102103 @ 1230 RETRIEVE SAMPLE				
	1245	110						SAME w/ GRAVEL			—	0	0	0
	1255	120						SAME			—	0	0	0
	1305	130						SAME			—	0	0	0
	1308	140						SAME			—	0	0	0
	1315	150						SAME						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

Converted to Well: Yes — No

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-48
DATE: 5/16/01 / 5/17/01
GEOLOGIST: CONTI
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	150												
5-4 @	151	50/100	.6/1		V DENSE	GRAY BRN	SILTY F/M SAND	SM SP	MICACEOUS/ WET	8	0	0	0
1320	152						TR V. THIN CLAY LENS		HP5 DROVE @ 1330				
									BP-VPB-48-151152 @ 1435 (RETRIEVE)				
									SET 6" PVC TEMP				
↑ 5/16 1615	160						SAME.		CASING @ 150'. RESUME FROM 150 W/ 6" MR.	–	0	0	0
↓ 5/17													
0730	170						SILTY F/M SAND	SM SP		–	0	0	0
							TR GRAVEL						
0740	180						SAME			–	0	0	0
0750	190						SAME			–	0	0	0
0800	200						SAME			–	0	0	0

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): [ ]

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 48
DATE: 5/17/01
GEOLOGIST: CONTI / V. Shickora
DRILLER: J. 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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
S-5 @	200	47/100	.6/1	• TOC SAMPLE HERE	V DENSE	BRN GRAY	SILTY F/M SAND	SM/SP	WET MICACEOUS	4	0	0	0
0810	201								HP-6 DRIVE @ 0820 (OPENED)				
									TOOK TOC SAMPLE HERE ALSO. •				
									TOOK BP-VPB-48-201202				
	210						SAME		@ 0930 HRS WATER WAS TURBID AND GRAY IN COLOR.	–	0	0	0
						YELLOW							
S-6 @	220	21/28	.5/2		V DENSE	BRN	SILTY F/M SAND	SM/SP	WET MICACEOUS	7	0	0	0
0945	222	32/39					[TR CLAY IN WASH]		HP-7 DRIVE @ 0955 (OPENED)				
							clay layer 224' to 230' based on drilling						
1053	230												
							Silt-Sand based on Drilling						
1055													
S-7	240												
@ 1112	241	61/100	6"/			ORG BRN	Fine sand with Trace		(wet)	0	0	0	0
	242	3	9"				Silt/ Medium Sand		HP-8 Collected @ 1225 hours BP-VPB-48-242243				
	250						Silt-Sand (based on Drilling)						

* When rock coring, enter rock brokeness.

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

Remarks: 6 inch drag bit

Drilling Area Background (ppm): 0

Converted to Well: Yes No Well I.D. #: VPB48 C-5

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-48
DATE: 5-17-01
GEOLOGIST: Vinie Shickora
DRILLER: J. Evans

Sample No. and Type or RQD (VAS)	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
5-7 @	250						Silt-Sand (Based on Drilling)						
1232	260												
5-8	261	31 / 52	5"			ORG BRN	Silty-very fine Sand with Trace clay		(wet)	0	0	0	0
@ 1305	262	100 / 6	18"			GRY			HP-9 collected @ 1425 hours				
									#BP-VPB-48-262263				
1433	270						Silt-Sand based on Drilling						
1435	280												
5-9 @	281	48 / 100 / 4	4"			ORG BRN	Fine to Med. Sand with Trace silt		(wet)	0	0	0	0
1447	282		10"						HP-10 collected @ 1600 hours				
									#BP-VPB-48-282283				
1601	290						Silt-Sand based on Drilling						
1603	300						Same as above						

* When rock coring, enter rock brokeness.

** Include monitor reading in 5 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: 6 inch drag bit

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-48
DATE: 5-17-01 / 5-18-01
GEOLOGIST: Vince Shickora
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1603	300												
S-10 @	301	61 / 100 / 4	4" / 10"			Brn Gry	Silty fine to med. Sand		(wet)	0	0	0	0
5-17-01 1637	302								HP-11 collected @ 1740 hours #BP-VPB-48-302303				
5-18-01													
0743	310						Same as above based on drilling						
0745	320												
S-11 @	321	100 / 5	2" / 5"			Brn	Fine to Med Sand with Trace Silt		(wet)	0	0	0	0
0905	322								HP-12 collected @ 0915 hours #BP-VPB-48-322323 (clayey HP screen)				
0919	330						Silt-Sand based on drilling						
							Clay layer from 330' to 334 feet based on drilling						
							(lignite frags seen in cuttings)						
0922	340												
S-12 @	341	72 / 100 / 4	3" / 10"			Brn Gry	Silty fine green Sand with Trace lignite		(wet)	0	0	0	0
0940	342								HP-13 collected @ 1046 hours #BP-VPB-48-342343				
1058	350												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-48
DATE: 5-18-01
GEOLOGIST: Vince Shickert
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1050	350						Silt-Sand based on Drilling						
1052	360												
S-13 @	361	100/5	3"/5"			Brn Gry	Silty fine grain sand with Trace clay		(wet)	0	0	0	0
1102	362								HP-14 collected @ 1215 hours #BP-VPB-48-362363				
1045	370						Silt-Sand based on Drilling						
1048	380												
S-14 @	381	100/5	3"/5"			Brn	Fine grain Sand with Trace silt and lignite		(wet)	0	0	0	0
1118	382								HP-15 collected @ 1220 hours BP-VPB-48-382383				
1232	390						Silt-Sand based on Drilling						
1236	400						Same as above						

5-18-01 ↑
5-21-01 ↓

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-48
DATE: 5-21-01
GEOLOGIST: Vince Shickora
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1236	400												
5-15 @	401	55 / 100 / 5	4" /			Brn Gry	Fine grain Sand with Trace Silt + lignite		(wet)	0	0	0	0
1250	402		9"						HP-16 collected @ 1405 hours				
									*BP-VPB-48-402463				
1407	410						Silt-Sand based on Drilling						
1409	420												
5-16 @	421	32 / 100 / 4	6" /			Blk Gry	Silt with Trace of fine sand and clay lignite		(Micaceous (damp)	0	0	0	0
1420	422		10"						HP-17 collected @ 1540 hours				
									*BP-VPB-48-422423				
0801	430						Silt based on drilling						
							Silt-Sand based on Drilling						
0803	440												
5-17 @	441	100 / 4	3" /			Brn Gry	Fine Sand with Trace Med sand/silt / lignite		Micaceous (wet)	0	0	0	0
0819	442		4"						HP-18 collected @ 0940 hours				
									*BP-VPB-48-442443				
	450						Sand Based on drilling						

5-21-01 ↑
5-22-01 ↓

* 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. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-48
DATE: 5-22-01 / 5-24-01
GEOLOGIST: Vince Shickora
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0944	450						Sand Based on drilling						
0952	460												
S-18 @	461	61 / 100	4" / 9"			Blk Gry	Fine grain Sand with Trace Silt / lignite		micaceous (wet)	0	0	0	0
1008	462								HP-19 No recovery screen was clogged with silt / clay No second attempt				
5-22-01 / 5-24-01													
0741	470						Possible clay / lignite layer at 470' to 472' based on drilling						
							Silt based on drilling						
0744	480												
S-19 @	482	70 / 100	8" / 11"			Gry	Clayey Silt with Trace fine sand.		micaceous (wet)	0	0	0	0
0802	482								HP-20 collected @ 0920 hours #BP-VPB-48-482483				
									HP screen was clogged with clay				
0926	490						Silt-Sand based on Drilling						
0928	500						Same as above						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-48
DATE: 5-24-01
GEOLOGIST: Vince Shickora
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0938	500								Lost 1240 gallons of mud to formation				
S-20 @	501	31/3	1"			Brn Gry	Med-Course Sand with Trace silt/clay/lignite		(wet)	0	0	0	0
0944	502	4/4	24"						HP-21 collected @ 1055 hours				
									*BP-VPB-48-502503				
1057	510						Clay based on drilling						
							509' to 519' BGS.						
							possible silt-Sand @						
1100	520						519' based on drilling						
S-21 @	521	51/100 2	5"			Drk Gry	Dense clayey silt with Trace fine sand		(damp)	0	0	0	0
1124	522		8"						HP-22 collected @ 1240 hours				
									*BP-VPB-48-522523				
1248	530						Clay or Silt based on Drilling						
							Some Sand @ 538' to 540' based on drilling						
1251	540												
S-22 @	541	38/100 4	6"			Gry	Fine to Med. Sand with Trace silt		(wet)	0	0	0	0
1307	542		10"						HP-23 collected @ 1425 hours				
									*BP-VPB-48-542543				
									HP screen was clogged with clay				
1433	550						Silt-Sand based on Drilling						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes No

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-48
DATE: 5-24-01
GEOLOGIST: Vince Shickora
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1437	550						Silt-Sand based on drilling						
	-												
1437	560												
5-23 @	561	44/100	2"			BlK Gry	Fine Sand with large lignite frags and Trace Silt		(wet)	0	0	0	0
1458	562	3	9"						HP-24 collected @ 1615 hours				
									#BP-VPB-48-562563				
1618	570						Sand based on Drilling						
1621	580												
5-24 @	581	57/100				BlK Gry	Silty fine grain Sand with Trace lignite		(wet)	0	0	0	0
1639	582	3							HP-25 collected @ 1750 hours				
									#BP-VPB-48-582583				
0718	590						Silt Sand based on drilling						
0721	600						Same as above						

5/24/01

5/25/01

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes No

Well I.D. #: VPB48 C-12

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-48
DATE: 5-25-01 / 5/29/01
GEOLOGIST: Vince Shickora / S. Neil
DRILLER: J. 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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
0721	600												
5-25 @	601	100/5	2"			BLK GRY	Silty fine Sand with 1/4" pyrite fragment		(wet)	0	0	0	0
0736	602		5"				Trace clay		HP-26 collected @ 0850 hours				
									ABP-VPB-48-602603				
	610						SAND BASED ON DRILLING						
5-26 @	620	150 OVR	3"			BRN WH	MED-COARSE SAND TR WH	SM	HP-27 collected @ 1240: BP-VPB-48-620603.	0	0	0	0
1123	622	5	5"				CLAY						
5-27 @	640	135 OVR	6"			GRAY	FINE SILTY SAND TR CLAY	SM	HP-28 collected @ 1440: BP-VPB-48-641642. Also collect Duplicate	0	0	0	0
1307	642	6	6"				HEAVIER IN CLAY						
	650						SAND BASED ON DRILLING						
	660												

* 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. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-48
DATE: 5/29-30/01
GEOLOGIST: S. Neil
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
5/29/01	5-29 C	660	140 / OVER	4"			BRN	FINE - MED SILTY SAND	SM	HP-29 COLLECTED @ 1745; BP-VPB-	0	0	0	0
	1553	662	6	6"						48-661662.				
5/30/01														
		670						SAND BASED ON DRILLING						
								POSSIBLE CLAY @ 678' BASED ON DRILLING.						
	5-29 C	680	72 / 100	9"			DRK GRAY	TOP 6": V. DENSE CLAY	CL	HP-30 COLLECTED @ 0915. BP-VPB-	0	0	0	0
	0756	682	OVER / 3	9"			LT. GRAY	BOTTOM 3": FINE SILTY SAND	SM	48-681682. ALSO				
										collect duplicate.				
		690						Sand Based on Drilling						
								Possible Clay at 695'						
								based on drilling						
	5-30 C	700	100 / OVER	6"			GRAY BRN	SILTY/SANDY DENSE	CL	HP-31 COLLECTED @ 1110; BP-VPB-	0	0	0	0
	0944	702	6	6"				CLAY		48-701702.				
		710						SAND BASED ON DRILLING-						

* 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 X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-48
DATE: 5/30/01
GEOLOGIST: S. Neil
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	710												
S-31 @	720	100 over	4"			WH/ Gray	Well rounded gravel (large	GC	HP-32 collected @ 1310:	0	0	0	0
1141	722	16	6"			Brw	dia. qtz) w/ some white		BR-VPB-48-721722				
							clay						
	730						GRAVEL BASED ON DRILLING						
S-32 @	740	67 / 100	5"			Gray Brw	Coarse silty sand w/	GP	HP-33 collected @ 1510:	0	0	0	0
1345	742	over 3	9"				well rounded qtz gravel		BR-VPB-48-741742				
	748						Clay drilling at 748'						
	750												
S-33 @ 1543	760	100 over 5	5" 5"			Gray	v. dense clay - Raritan formation	CL	END OF BOREHOLE	0	0	0	0

* When rock coring, enter rock brokeness.

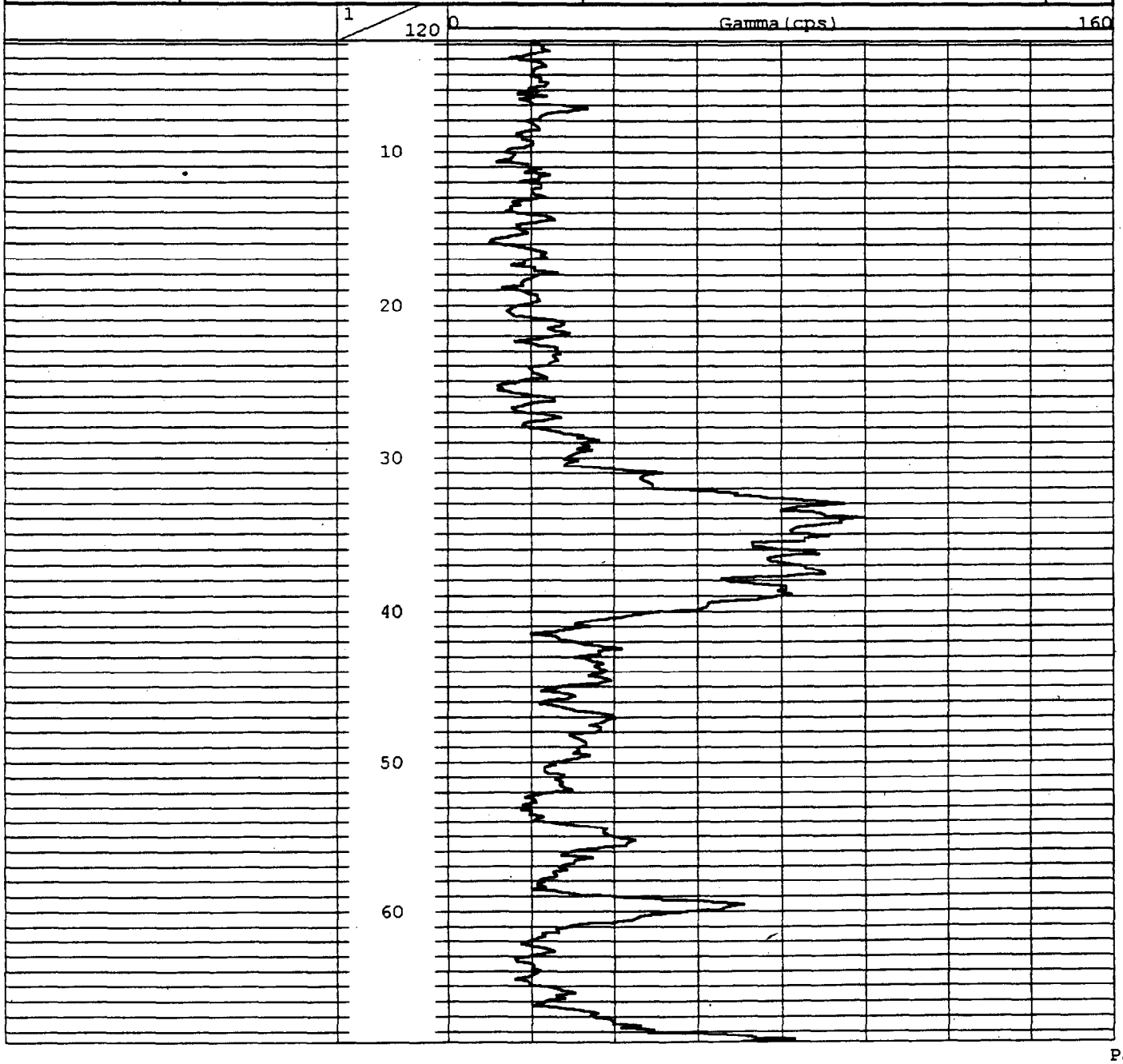
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

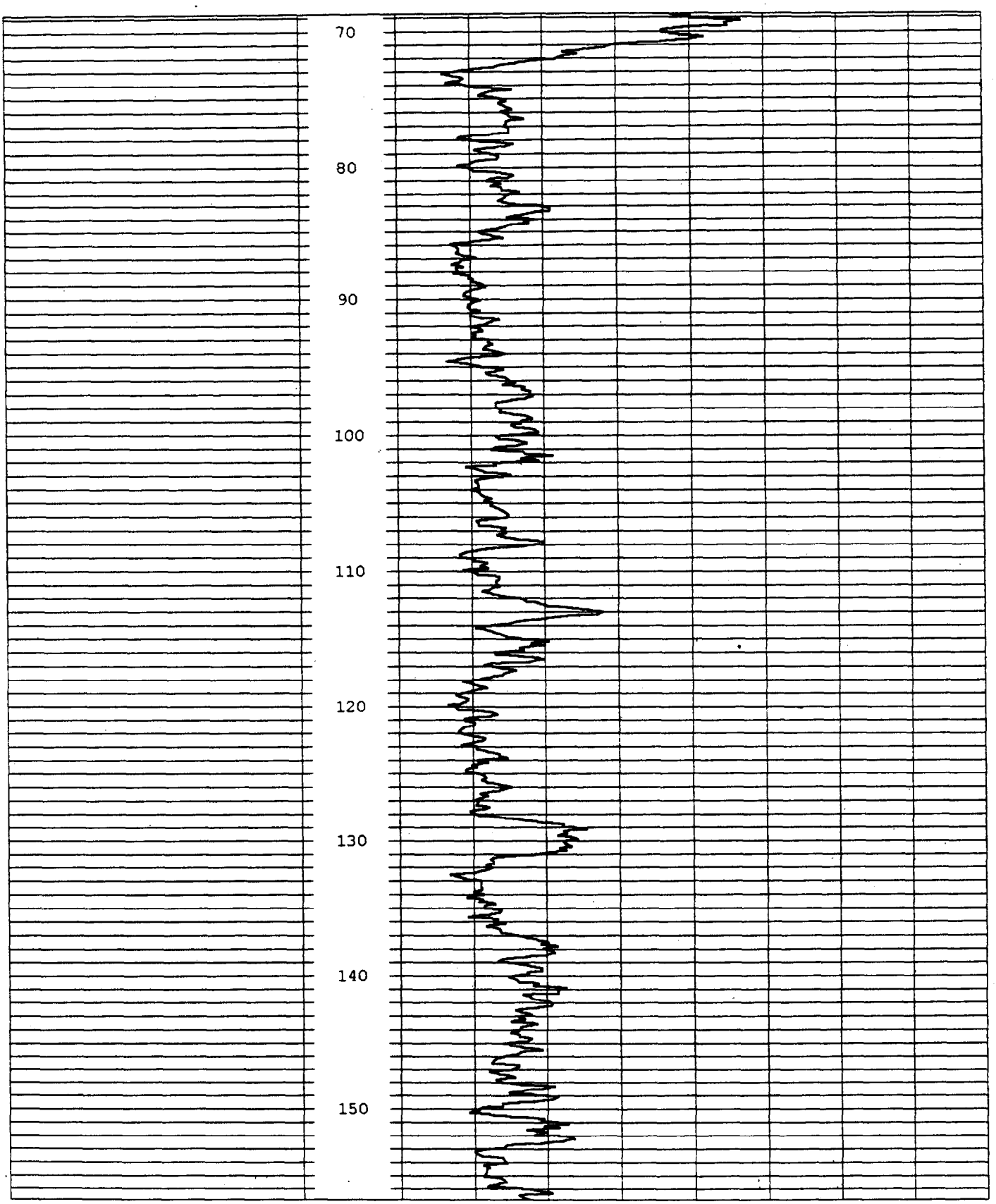
Remarks:

Drilling Area Background (ppm): 0

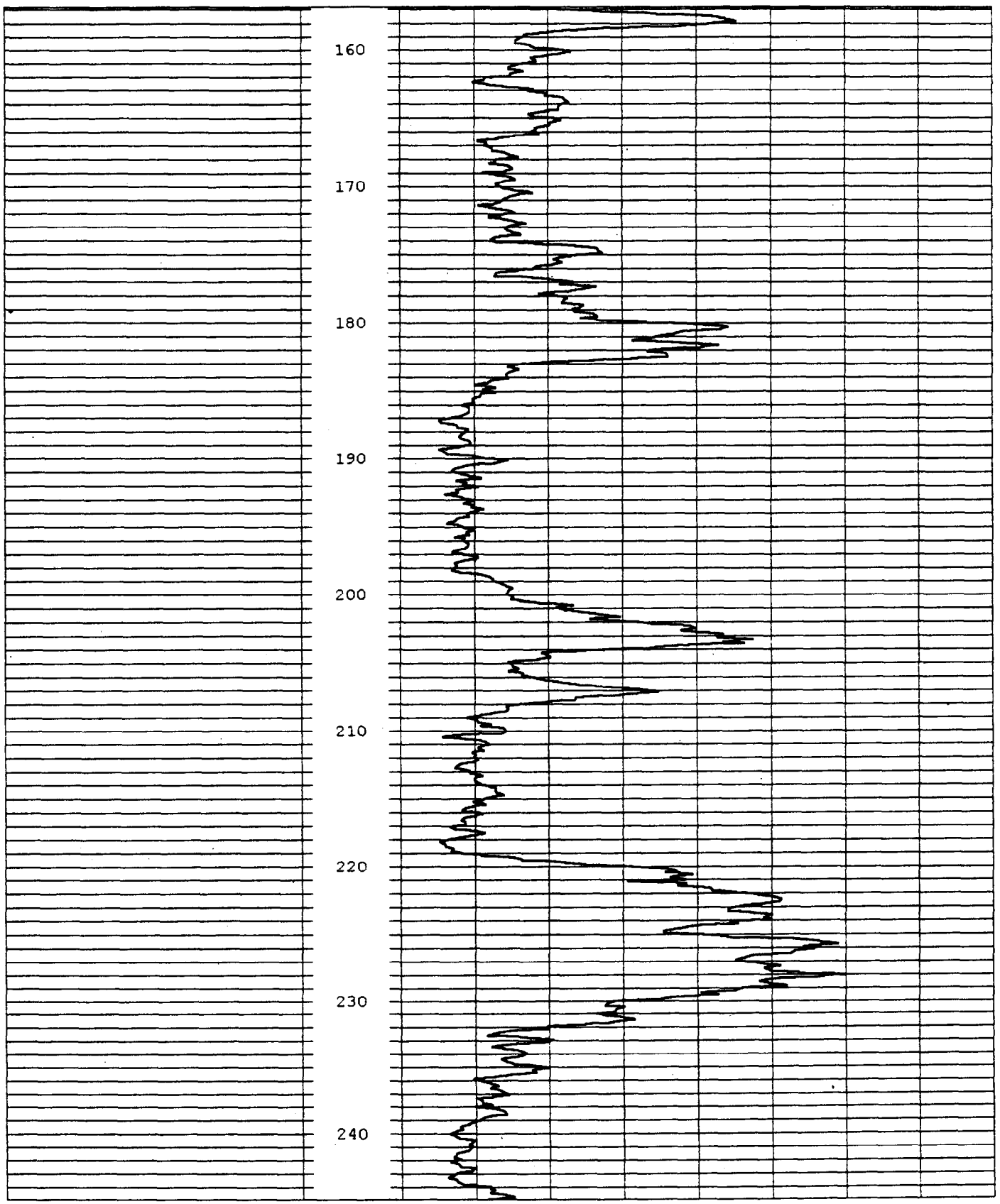
Converted to Well: Yes ____ No X Well I.D. #: ____

	COMPANY: UNI TECH DRILLING			Casing
	Location: ARTHUR AVE., BETHPAGE			
Well	NWIRP BETHPAVE VPB-48		Depth Driller 760 FEET Depth Logger 757 FEET	150 FT. 6"
Date	MAY 30, 2001 BH Fluid	MUD	Logged by: AQUA TERRA	
File Name			Witness: SCOTT NEIL	

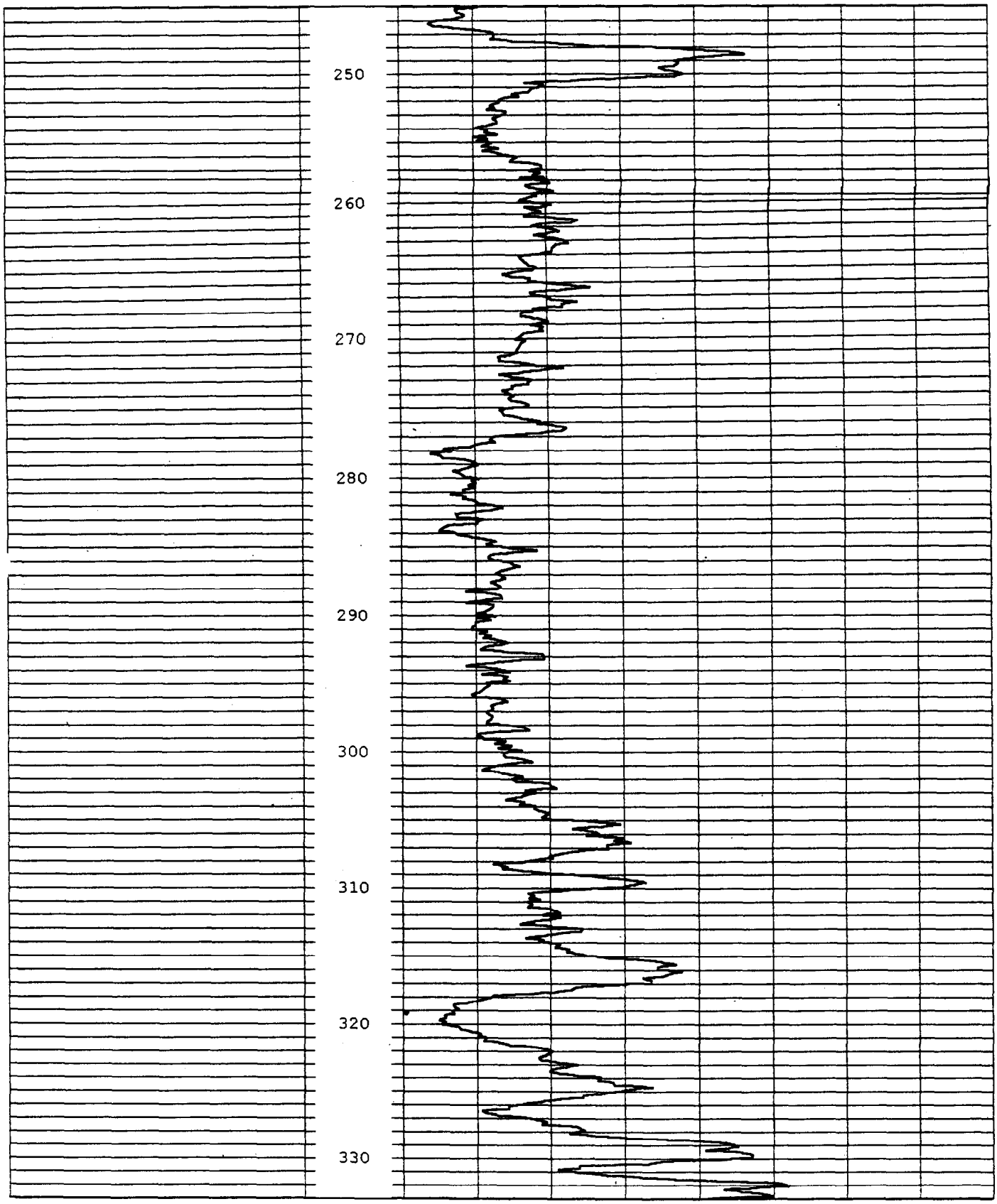




VPB48 C-17



VPB48 C-18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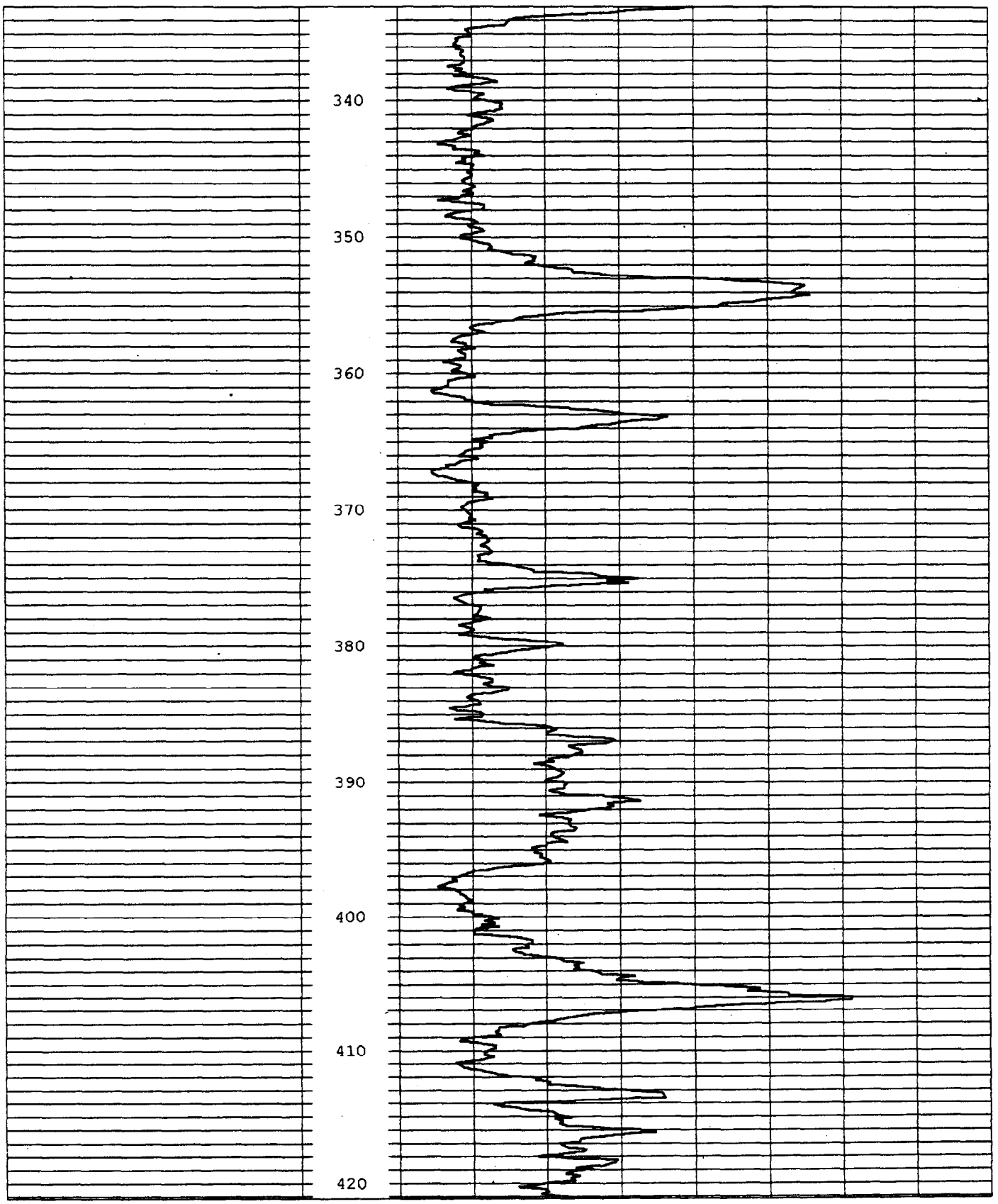
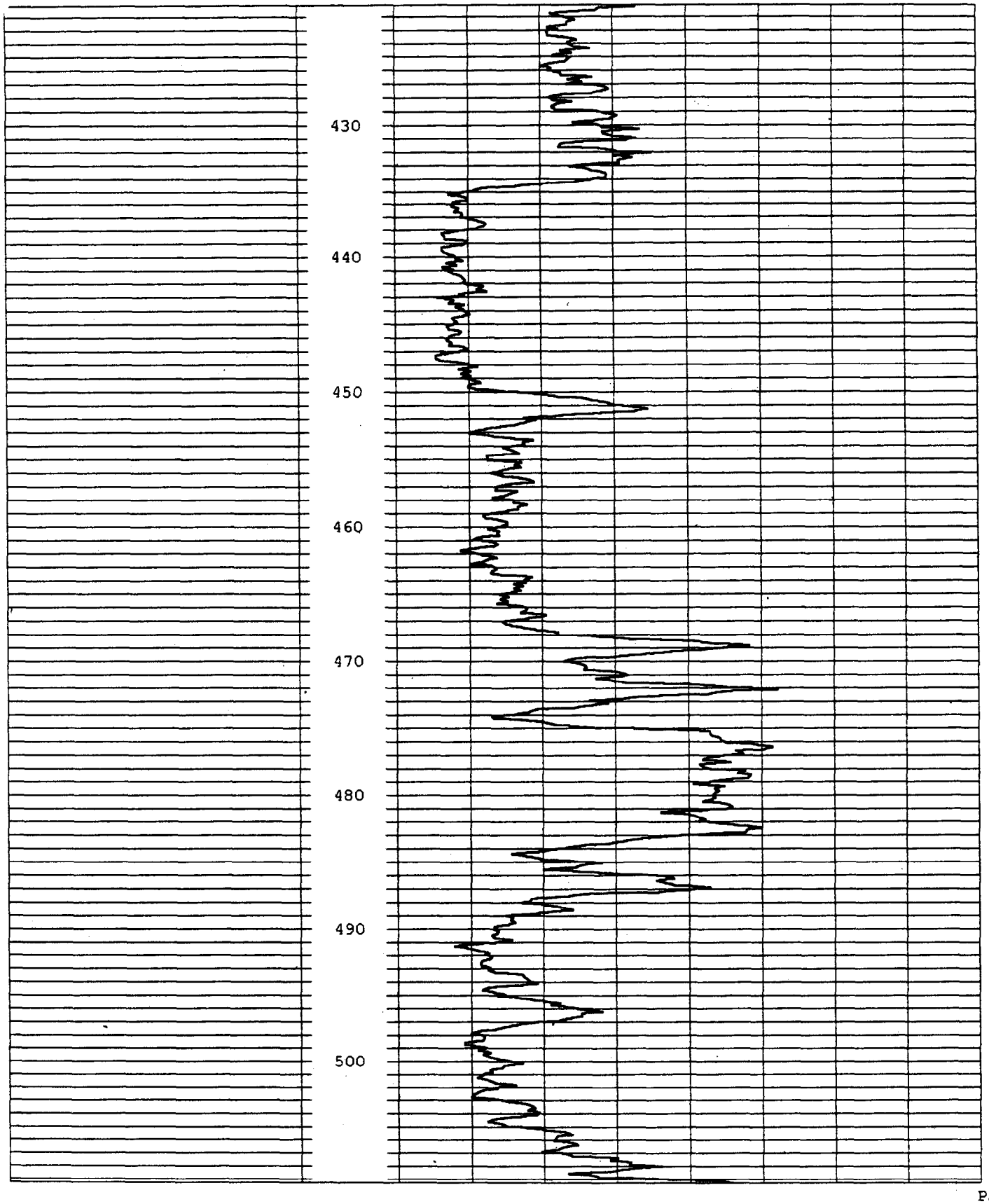
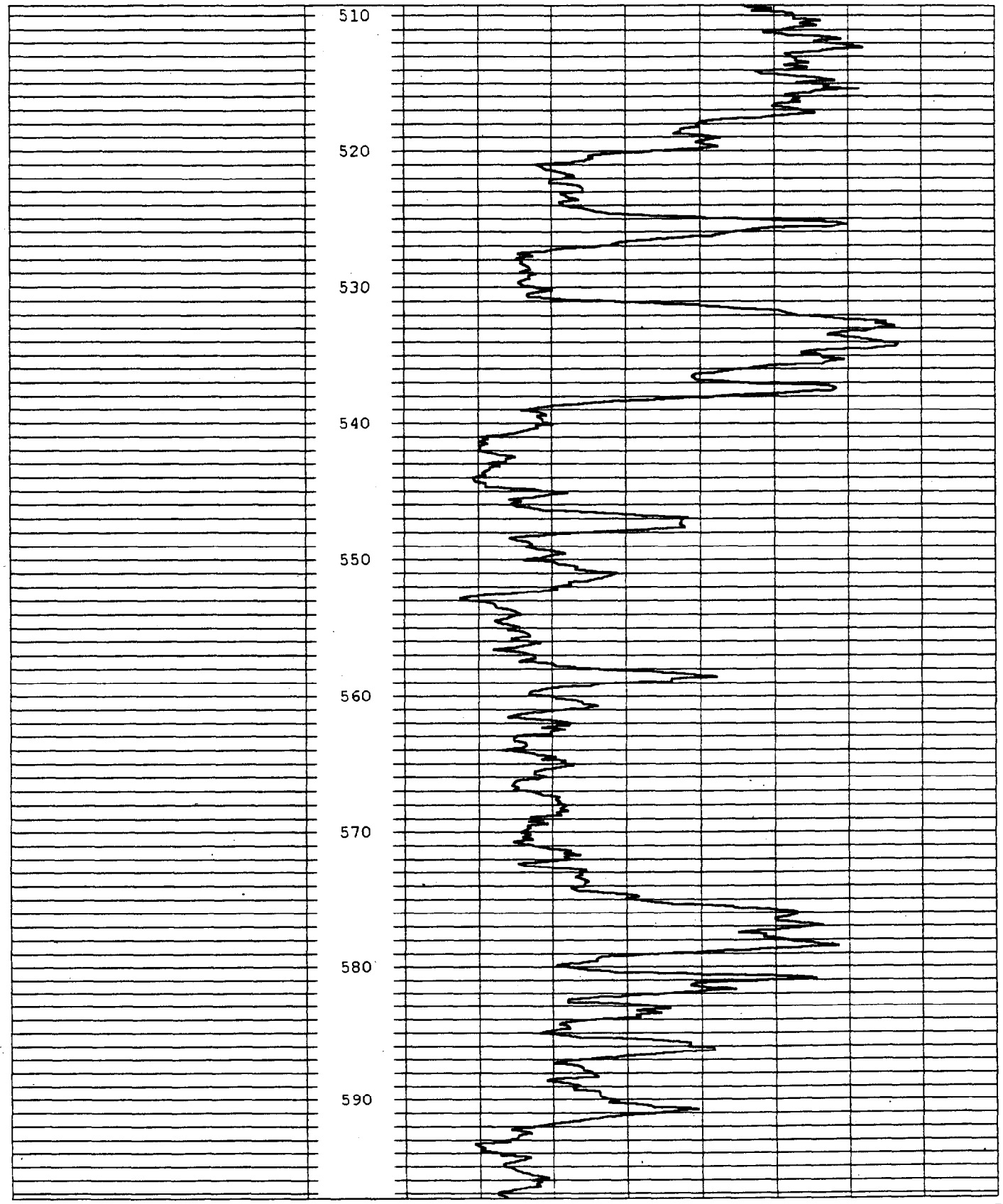


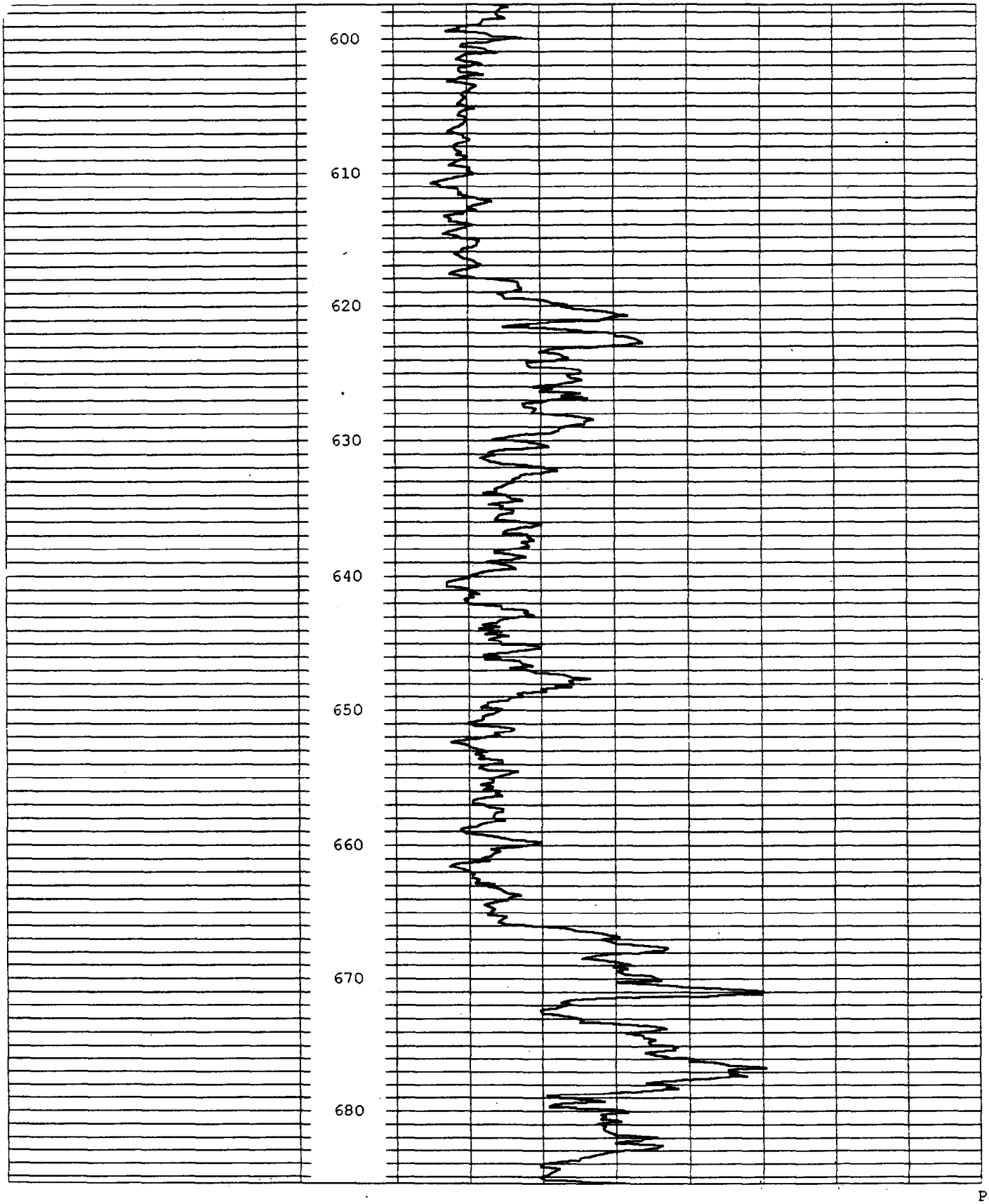
VPB48 C-20



VPB48 C-21



VPB48 C-22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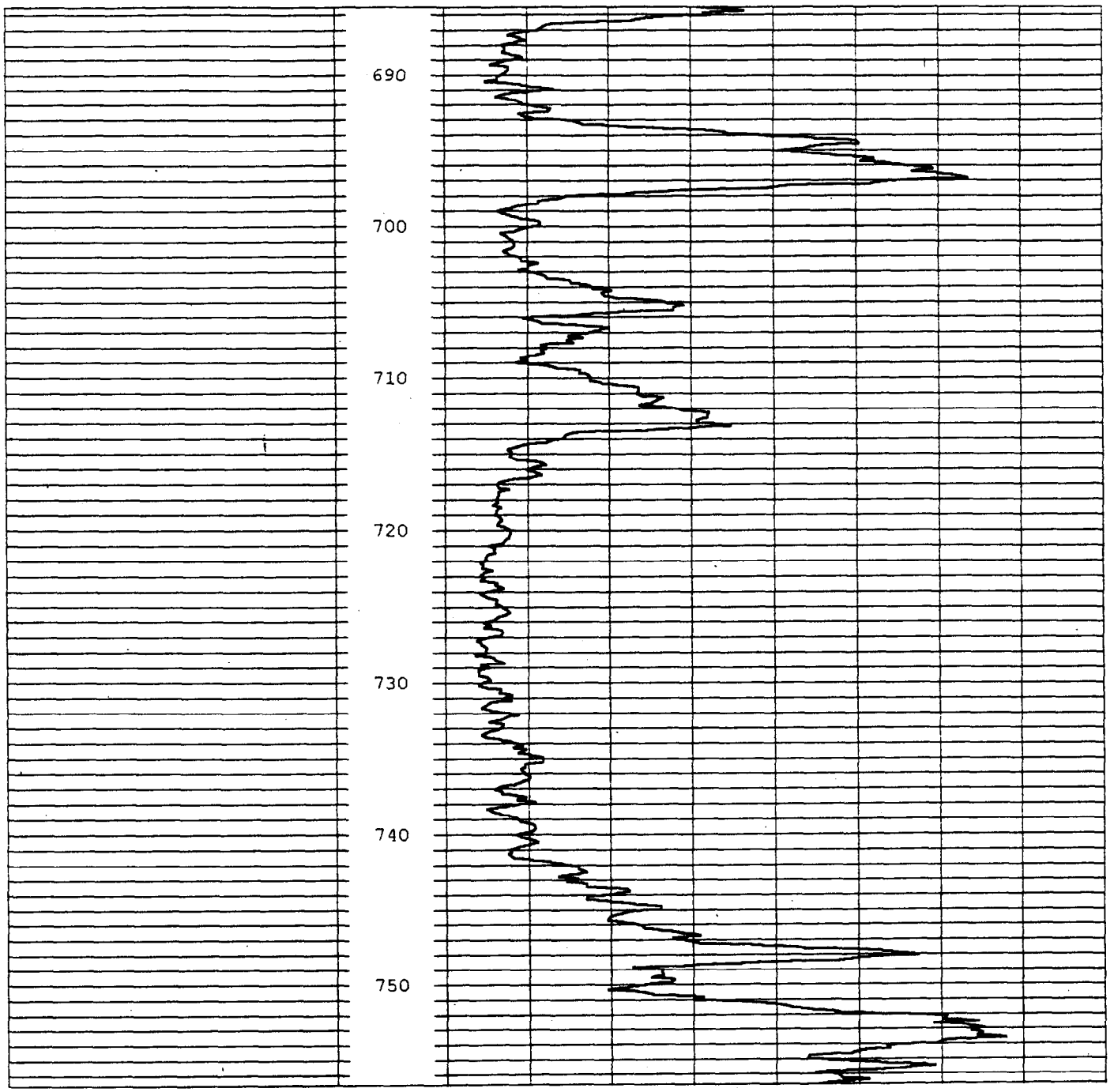
680



VPB48 C-24

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4037.0500
SJC

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

Sample ID No.: BP-VPB-48-102103
Sample Location: VPB-48
Sampled By: SJC
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	~~Salinity~~ TDS g/l %	TBD ORP MV	SAL %
Date: 5/16/01									
Time: 1230									
Method: Hydropunch	BRN GRAY SL TURBID	5.57	.284	15.4	400	6.03	~~NA~~ .18	~~NA~~ 123	0

PURGE DATA:

Date: ~~5/16/01~~ SJC NA	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type: NA								
Total Well Depth (TD): NA								
Static Water Level (WL): NA								
One Casing Volume(gal/L): NA								
Start Purge (hrs): NA								
End Purge (hrs): NA								
Total Purge Time (min): NA								
Total Vol. Purged (gal/L): NA								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 102 @ 1120 HRS

Sample depth (screened interval) = 102-103

Screen exposed to formation for minutes. 70 (1120 → 1230 HRS)

Depth of borehole prior to advancing hydropunch = 102

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N4037.0500
SJC

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

Sample ID No.: BP-VPB-48-151152
Sample Location: VPB-48
Sampled By: SJC
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	~~TBD~~ TDS g/l	ORP mV
Date: 5/16/01									
Time: 1435									
Method: Hydropunch	GRAY BRN TURBID	5.90	.271	16.1	999	6.02	-0-	.18	118

PURGE DATA:

Date: ~~5/16/01~~ NA SJC	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method: —								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type: NA								
Total Well Depth (TD): NA								
Static Water Level (WL): NA								
One Casing Volume(gal/L): NA								
Start Purge (hrs): NA								
End Purge (hrs): NA								
Total Purge Time (min): NA								
Total Vol. Purged (gal/L): NA								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 151-152 @ 1330 HRS.

Sample depth (screened interval) = 151 – 152

Screen exposed to formation for minutes. 65

Depth of borehole prior to advancing hydropunch = 151

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N 4037.0500

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

Sample ID No.: BP-VPB-48-201202
Sample Location: VPB-48
Sampled By: SJC
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD TDS g/l
Date: 5/17/01								
Time: 0930								
Method: Hydropunch	GRAY TURBID	6.10	.171	14.7	999	4.79	0	.11

ORP mV 139

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Date:								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0820

Sample depth (screened interval) = 201 – 202

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 201

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conte

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0565.0200~~ N 4037.0500

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

Sample ID No.: BP-VPB-48-222223
Sample Location: VPB-48
Sampled By: Vince Shuckra
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/17/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	~~TBD~~
Time: 1050	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	6.09	0.722	16.3	>990	2.38	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0955 hours

Sample depth (screened interval) = 222' to 223'

Screen exposed to formation for 50 minutes.

Depth of borehole prior to advancing hydropunch = 220

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [illegible]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-48-242243
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-17-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1225	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	* -	-	-	-	-	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1115 hours

Sample depth (screened interval) = 242' to 243'

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 240'

*insufficient volume recovered for field parameters.

- Sample appears to be natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: VAS ~~N0565.0200~~ N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
~~[x]~~ QA Sample Type: Drilling Mud Sample

Sample ID No.: BP-VPB-48-DM260
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 05-17-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1240	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: ~~Hydropunch~~ Grab	Gray-Brn	6.50	1.34	17.5	>990	3.15	----	----

PURGE DATA VAS

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

~~Hydropunch advanced to sample depth and screen exposed at~~

~~Sample depth (screened interval) =~~

~~Screen exposed to formation for minutes.~~

~~Depth of borehole prior to advancing hydropunch =~~

Drilling mud sample collected from circulating mud with drill rods / borehole depth 260'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: VAS ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-262263
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-17-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1425	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Orange-Brn	6.80	0.257	16.7	>990	3.58	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1320 hours

Sample depth (screened interval) = 262' to 263'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 260'

- Sample appears to be natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: VAS ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-282283
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-17-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1600	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	ORG-Brown	6.45	0.218	16.4	>990	0.75	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	VAS 4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1453 hours

Sample depth (screened interval) = 282' to 283'

Screen exposed to formation for 57 minutes.

Depth of borehole prior to advancing hydropunch = 280'

- Sample appears to be natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	BP-VPB-48-DUP1	[illegible]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: ~~N0665.0209~~ N4037

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

Sample ID No.: BP-VPB-48-302303
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-17-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1740	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	* –	–	–	–	–	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1645

Sample depth (screened interval) = 302' to 303'

Screen exposed to formation for 45 minutes.

Depth of borehole prior to advancing hydropunch = 300'

* insufficient volume for field parameters

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: VAS ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-322323
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-18-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0915	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	* -	-	-	-	-	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	one Jar

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0811 hours

Sample depth (screened interval) = 322' to 323'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 320'

- insufficient volume recovered for field parameters - only 1 vial filled.
- appears to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [illegible]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: (VA) ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-342343
Sample Location: VPB-48
Sampled By: Vince Shuckora
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-18-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1046	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brn-Gry	6.49	0.779	14.8	> 990	3.71	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0946

Sample depth (screened interval) = 342' to 343'

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 340'

- Sample appears to be similar to drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): WAS

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: (VAS) ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-362363
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-051801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-18-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1215	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brn-Gry	6.55	0.899	14.8	>100	3.53	----	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1110 hours

Sample depth (screened interval) = 362' to 363'

- Sample appears similar To drilling mud

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 360

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	—	[signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-48-382383
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-052301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-21-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: ~~1130~~ 1230	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brn-Gry	6.61	0.841	15.3	>990	3.15	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1125 hours

Sample depth (screened interval) = 382' to 383'

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 380'

- Sample appears similar To drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: VAS ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-402403
Sample Location: VPB- 48
Sampled By: Vince Strickort
C.O.C. No.: BP-VPB-052301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-21-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1405	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light Brown	6.84	0.710	15.2	>990	3.41	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1355 hours

Sample depth (screened interval) = 402' to 403'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 400

- Sample appears to be Natural Formation Water

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	—	[signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: VAS ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-422423
Sample Location: VPB- 48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-052301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-21-01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1540								
Method: Hydropunch	Gry-Blk	* –	–	–	–	–	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1427 hours

Sample depth (screened interval) = 422' to 423'

Screen exposed to formation for 63 minutes.

Depth of borehole prior to advancing hydropunch = 420'

– Sample appears to be Natural formation water –

* insufficient volume recovered for field Parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
–	–

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: VAS ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-442443
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-052301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-22-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0940	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Blk-Gry	* –	–	–	–	–	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0827 hours

Sample depth (screened interval) = 442' to 443'

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 440'

*insufficient volume recovered for field parameters

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): LHAS

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-48-482483
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-052501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-24-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0920	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	6.56	0.820	14.7	>990	4.31	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0912 hours

Sample depth (screened interval) = 482' to 483'

Screen exposed to formation for 61 minutes.

Depth of borehole prior to advancing hydropunch = 480'

- Sample appears to be Natural formation water (due to color)

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: (PAS) ~~N0565.0200~~ D4037

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

Sample ID No.: BP-VPB-48-502503
Sample Location: VPB-48
Sampled By: Vince Shackford
C.O.C. No.: BP-VPB-052501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-24-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1055	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	* –	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0947 hours

Sample depth (screened interval) = 502' to 503'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 500'

*Insufficient volume recovered for field Parameters

- Sample appears similar to drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: (VAS) ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-522523
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-052501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-24-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1240	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	7.09	0.374	15.4	>990	1.39	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
d Purge (hrs):								
otal Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1135 hours

Sample depth (screened interval) = 522' to 523'

Screen exposed to formation for 60 minutes.

pth of borehole prior to advancing hydropunch = 520'

- Sample appears to be Natural Formation water

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: (VAS) ~~N0585.0200~~

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

Sample ID No.: BP-VPB-49-542543
Sample Location: VPB-48
Sampled By: Mark Norwick
C.O.C. No.: BP-VPB-052501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-24-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1425	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown-Gry	* –	–	–	–	–	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1320 hours

Sample depth (screened interval) = 542' to 543'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 540'

* insufficient volume recovered for field parameters
Only One VOA Vial filled
- Sample appears similar to drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:
–	–

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: VAS ~~N0585.0200~~ N4037

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

Sample ID No.: BP-VPB-48-562563
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-052501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-24-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1615	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Blk-Gry	6.68	0.742	15.5	>990	4.97	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
d Purge (hrs):								
otal Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1510 hours

Sample depth (screened interval) = 562' to 563'

Screen exposed to formation for 60 minutes.

pth of borehole prior to advancing hydropunch = 560'

- Sample appears similar to drilling Mud (slightly darker in color)

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-48-582583
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-052501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-24-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1750	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	* –	–	–	–	–	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1645 hours

Sample depth (screened interval) = 582' to 583'

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 580

* insufficient volume recovered for field parameters
– Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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Project Site Name: NWIRP Bethpage
Project No.: (VAS) ~~N0565.0200~~ N4037

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

Sample ID No.: BP-VPB-48-602603
Sample Location: VPB-48
Sampled By: Vince Shickort
C.O.C. No.: BP-VPB-052501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-25-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0850	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	* —	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
nd Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0745 hours

Sample depth (screened interval) = 602' to 603'

Screen exposed to formation for 60 minutes.

epth of borehole prior to advancing hydropunch = 600

* insufficient volume recovered for field parameters
- Sample appears to be Natural Formation Water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-48-020621
Sample Location: VPB-48
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-020101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/29/01 Time: 1240	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Method: Hydropunch	DARK GRAY	—	—	—	—	—	—	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1133

Sample depth (screened interval) = 600 - 601'

Screen exposed to formation for 62 minutes.

Depth of borehole prior to advancing hydropunch = 600'

* Sample appears to be cross-contaminated w/ drilling mud. Insufficient volume to run field parameters

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-48-641642
Sample Location: VPB-48
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/29/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1440	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	LT. GRY	—	—	—	—	—	—	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1340.

Sample depth (screened interval) = 641 - 642'

Screen exposed to formation for 70 minutes.

Depth of borehole prior to advancing hydropunch = 640'

* EXTRA VOLUME FOR DUPLICATE. INSUFFICIENT VOLUME TO RUN FIELD PARAMETERS.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB48-DUP2

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-48-661662
Sample Location: VPB-48
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/29/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1715	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	LT Brn	—	—	—	—	—	—	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1608.

Sample depth (screened interval) = 661-662'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 660'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-48-681682
Sample Location: VPB-48
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/30/01 Time: 0915	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Method: Hydropunch	LT GRAY	—	—	—	—	—	—	---

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0810.

Sample depth (screened interval) = 681-682'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 680'

* Sample appears to be formational water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB48-DUP3

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-48-701-702
Sample Location: VPB-48
Sampled By: J. NEIL
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1110	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray/tan	—	—	—	—	—	—	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0957

Sample depth (screened interval) = 701-702'

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 700'

* only one vial filled - insufficient volume. Sample appears thicker than drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-48-721722
Sample Location: VPB- 48
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 5/30/01								
Time: 1310								
Method: Hydropunch	GRAY/BRN	6.54	1.36	15.9	>999	1.12	0.06	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1154.

Sample depth (screened interval) = 721-722'.

Screen exposed to formation for 69 minutes.

Depth of borehole prior to advancing hydropunch = 720'.

* Sample appears to be cross-contaminated w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-48-741742
Sample Location: VPB-48
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-060101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1510	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY BRN	6.67	1.24	15.8	>999	0.74	0.05	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1359.

Sample depth (screened interval) = 741 - 742'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 740'.

* Sample appears to be cross-contaminated w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP BETHPAGE
Project No.: N 4037

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-48-200201
Sample Location: VPB-48
Sampled By: Stan Conti
C.O.C. No.: BP-VPB-051801

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 5-17-01 Time: 0810 Method: Split Spoon - Trowel Monitor Reading (ppm): 0	200' to 201'	Orange - Brown	Silty Sand (wet)

COMPOSITE SAMPLE DATA:

	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:				
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	1-4 ounce Jar	1	–

OBSERVATIONS/NOTES:

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-48-401402
Sample Location: VPB-48
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-05 01

Type of Sample:
[X] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 5-21-01 Time: 1250 Method: Split Spoon/Trowel Monitor Reading (ppm): 0	401' to 402'	Brown-Gray	Fine Sand with Trace silt (wet)

COMPOSITE SAMPLE DATA:

Date:	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC (Walkley Black)	1-4ounce Jar	1	—

OBSERVATIONS / NOTES:

- Sample collected with Stainless steel Trowel from Split Spoon (401' to 403')

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: ~~N0565.0200~~ N4037 .0500
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-051601
Sampled By: SJC
C.O.C. Number: BP-VPB-051801

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

	CARRIED	PREPARED
Date:	5/16/01	5/11/01
Time:	1005	
Method:	LAB SUPPLIED	

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s):

SJ Conti

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: VAS ~~N0565.0200~~ N4037
Sample Location: VPB-48
QA Sample Type:

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank _____

Sample ID Number: BP-RB-051701
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-051801

SAMPLING DATA:

Date: 5-17-01
Time: 1435
Method: Grab

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other _____
[] Tap
[] Fire Hydrant

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: Aqueous
Equipment Used: Hydropunch Sampler Tube
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

- Sample collected by pouring lab supplied Blank water through deconed Hydropunch Sampler Tube

Signature(s): VAS

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: VAS ~~N0565.0200~~ N4037
Sample Location:
QA Sample Type:

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

Sample ID Number: BP-TB-052101
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-052301

SAMPLING DATA:

Date: 5-17-01
Time: 1545
Method: Lab supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-48
QA Sample Type:

Sample ID Number: BP-RB-052201
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-052301

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 5-22-01
Time: 1320
Method: Direct pour-Grab

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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: Hydropunch Sampler
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

- Sample collected by pouring Lab supplied Blank water through clean (decomed) Hydropunch Sampler Tube

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: VAS ~~N0565.0200~~ U4037
Sample Location:
QA Sample Type:

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

Sample ID Number: BP-TB-052301
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-052501

SAMPLING DATA:

Date: 5-21-01
Time: 0920
Method: Lab Supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-48
QA Sample Type:

Sample ID Number: BP-TB-052901-48
Sampled By: S. NGIL
C.O.C. Number: BP-VPB-060101

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 5/29/01
Time: 0950
Method: NA

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Laboratory-supplied trip blank.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-48
QA Sample Type:

Sample ID Number: BP-RB053001-48
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-060101

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 5/30/01
Time: 1630
Method: FLUSH FROM EQUIPMENT

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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: Ground water
Equipment Used: Hydropunch
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s): Scott Neil

CHAIN OF CUSTODY RECORD

BP-VPB-051801

PROJECT NO.:	SITE NAME:
N4037	NWIRP Bethpage

SAMPLERS (SIGNATURE): [signature] Vince Shickora [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml VOA (VOC's)						REMARKS
1	5/11/01	1008		X	BP-TB-051601	2	X						Lab supplied trip blank
2	5/11/01	1010		X	BP-TB-051601-2	2	X						Lab supplied trip blank (second ring)
3	5/16/01	1230		X	BP-VPB-48-102103	2	X						
4	5/16/01	1435		X	BP-VPB-48-151152	2	X						
5	5/16/01	1425		X	BP-VPB-47-132133	2	X						
6	5/16/01	1600		X	BP-VPB-47-152153	2	X						
7	5/17/01	1105		X	BP-VPB-47-212213	2	X						
8	5/17/01	1230		X	BP-VPB-47-222223	1	X						insufficient volume recovered To fill both Jars
9	5/17/01	1355		X	BP-VPB-47-242243	2	X						
10	5/17/01	1410		X	BP-VPB-47-DUP1	2	X						
11	5/17/01	1535		X	BP-VPB-47-262263	2	X						
12	5/17/01	1700		X	BP-VPB-47-282283	2	X						
13	5/17/01	0940		X	BP-VPB-47-DM210	2	X						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	5-18-01 0800				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped Via Laboratory Courier	

(0498)

VPB48 C-64

CHAIN OF CUSTODY RECORD

BP-VPB-051801 (page 2)

PROJECT NO.: N4037-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40ML Vial VOCs						REMARKS
14	5/17/01	0930		X	BP-VPB-48-201202	2	2						
15	5/17/01	1050		X	BP-VPB-48-222223	2	2						
16	5/17/01	1225		X	BP-VPB-48-242243	2	2						
17	5/17/01	1240		X	BP-VPB-48-DM260	2	2						Drilling Mud (@ 260')
18	5/17/01	1425		X	BP-VPB-48-262263	2	2						
19	5/17/01	1435		X	BP-RB-051701	2	2						Rinsate Blank (Hydropunch)
20	5/17/01	1600		X	BP-VPB-48-282283	2	2						
21	5/17/01	1700		X	BP-VPB-48-Dup1	2	2						
22	5/17/01	1740		X	BP-VPB-48-302303	2	2						
23	5/18/01	0915		X	BP-VPB-48-322323	1	1						Insufficient volume recovered To fill both Jars
24	5/18/01	1046		X	BP-VPB-48-342343	2	2						
25	5/18/01	1215		X	BP-VPB-48-362363	2	2						
26	5/17/01	0700		X	BP-VPB-47-302303	2	2						
27	5/18/01	0910		X	BP-RB-051801	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	5-18-01 0805				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped via Laboratory Courier	

VPB48 C-65

(0498)

Soil samples

CHAIN OF CUSTODY RECORD

BP-VPB-052201

PROJECT NO.:	SITE NAME:
N4037 - 0500	NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickora [signature] Mark Norwick [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	4 ounce Jar TOC						REMARKS
1	5/17/01	0948		X	BP-VPB-47-210212	1	1						
2	5/17/01	0910		X	BP-VPB-48-200201	1	1						
3	5/22/01	1250		X	BP-VPB-48-401402	1	1						
4	5/22/01	1425		X	BP-VPB-47-380382	1	1						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	5-22-01 1200				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped via Federal Express Airbill # 805392174659	

(0108)

VPB48 C-66

CHAIN OF CUSTODY RECORD

BP-VPB-052301

PROJECT NO.: N4037-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickora, Mark Norvick

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml VOCs						REMARKS
1	5/17/01	1545		X	BP-TB-052101	2	2						Lab supplied Trip Blank (VPB-48)
2	5/21/01	1230		X	BP-VPB-48-382383	2	2						
3	5/21/01	1405		X	BP-VPB-48-402403	2	2						
4	5/21/01	1540		X	BP-VPB-48-422423	2	2						
5	5/17/01	1535		X	BP-TB-052101-2	2	2						Lab supplied Trip Blank (VPB-47)
6	5/21/01	1215		X	BP-VPB-47-344345	2	2						
7	5/21/01	1550		X	BP-VPB-47-382383	2	2						
8	5/22/01	0940		X	BP-VPB-48-442443	2	2						
9	5/22/01	1320		X	BP-RB-052201	2	2						Rinsate Blank (VPB-48)
10	5/22/01	0940		X	BP-VPB-47-402403	2	2						
11	5/22/01	1105		X	BP-VPB-47-422423	2	2						
~~12~~	~~5/22/01~~	~~0940~~		~~X~~	~~BP-VPB~~ VAS								
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	5-23-01 0800				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped via Laboratory Courier	

(0498)

VPB48 C-67

CHAIN OF CUSTODY RECORD

BP- VPB-052501

PROJECT NO.: N4037-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shinkora, Mark Norvick

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml VOAs VOCs						REMARKS
~~1~~	~~5/19/01~~	~~1523~~		~~X~~	~~BP-TB-052301~~ (VAS)								
1	5/23/01	1523		X	BP-TB-052301	2	2						Lab Supplied Trip Blank
2	5/23/01	1541		X	BP-TB-052301-2	2	2						Lab Supplied Trip Blank
3	5/24/01	0920		X	BP-VPB-48-482483	2	2						
4	5/24/01	1055		X	BP-VPB-48-502503	2	2						
5	5/24/01	1240		X	BP-VPB-48-522523	2	2						
6	5/24/01	1425		X	BP-VPB-48-542543	1	1						Insufficient volume recovered To fill 2 vials
7	5/24/01	1615		X	BP-VPB-48-562563	2	2						
8	5/24/01	1750		X	BP-VPB-48-582583	2	2						
9	5/25/01	0850		X	BP-VPB-48-602603	2	2						
10	5/25/01	0900		X	BP-RB-052501	2	2						Rinsate Blank (Hydropunch VPB-47)
11	5/24/01	1340		X	BP-VPB-47-482483	1	1						Insufficient volume recovered To fill 2 vials
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
VAS	5-25-01 1000				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped by Laboratory Courier	

(0498)

VPB48 C-68

CHAIN OF CUSTODY RECORD

COC # BP-VPB060101

PAGE 1 OF 2

PROJECT NO.:	SITE NAME:
N4037-0500	NWIRP Bethpage

SAMPLERS (SIGNATURE): Scott W. Reid [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's						REMARKS
1	5/22/01	1401		X	BP-TB-052901	2	X						Lab supplied trip blank for VPB-47 samples
2	5/29/01	1545		X	BP-VPB-47-532533	2	X						
3	5/29/01	1555		X	BP-VPB-47-DUP2	2	X						
4	5/29/01	0950		X	BP-TB-052901-48	2	X						Lab supplied trip blank for VPB-48 samples
5	5/29/01	1240		X	BP-VPB-48-620621	2	X						
6	5/29/01	1440		X	BP-VPB-48-641642	2	X						
7	5/29/01	1715		X	BP-VPB-48-661662	2	X						
8	5/29/01	0000		X	BP-VPB48-DUP2	2	X						DUPLICATE OF BP-VPB-48-641642
9	5/30/01	0900		X	BP-VPB-47-541542	1	X						
10	5/30/01	1105		X	BP-VPB-47-561562	2	X						
11	5/30/01	1445		X	BP-VPB-47-592593	2	X						
12	5/30/01	1625		X	BP-VPB-47-601602	2	X						
13	5/30/01	0915		X	BP-VPB-48-681682	2	X						
14	5/30/01	1110		X	BP-VPB-48-701702	~~2~~ 1	X						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott W. Reid	6/1/01 1300	NOVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

VPB48 C-69

(0408)

CHAIN OF CUSTODY RECORD

COC # BP-VPB060101

PAGE 2 OF

PROJECT NO.:	SITE NAME:
N4037	NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. Neil

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
15	5/30/01	1310		X	BP-VPB-48-721702	2	X						
16	5/30/01	1510 (Sun)		X	BP-VPB-48-741742	2	X						
17	5/30/01	1620		X	BP-RB053001-48	2	X						RINSATE BLANK ON HP USED AT VPB-48.
18	5/30/01	0000		X	BP-VPB48-DUP3	2	X						DUPLICATE OF BP-VPB-48-681682
19	5/31/01	0920		X	BP-VPB-47-622623	2	X						
20	5/31/01	1750		X	BP-VPB-47-671672	1	X						Only enough volume for 1 bottle
21	6/1/01	0855		X	BP-VPB-47-681682	1	X						Only enough volume for 1 bottle
22	6/1/01	1050		X	BP-VPB-47-701702	2	X						
23	6/1/01	0910		X	BP-RB060101	2	X						Rinsate blank on HP used at VPB-47

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
Scott W. Neil	6/1/01 1300	NWA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

VPB48 C-70

(0498)

4037- RP BETHPAGE
SOIL DATA
QUANTERRA
SDG: BP018

SAMPLE NUMBER:	BP-VPB-47-210212			BP-VPB-47-380382			BP-VPB-48-200201			BP-VPB-48-401402		
SAMPLE DATE:	05/17/01			05/21/01			05/17/01			05/21/01		
LABORATORY ID:	C1E230145001			C1E230145004			C1E230145002			C1E230145003		
QC_TYPE:	NORMAL			NORMAL			NORMAL			NORMAL		
% SOLIDS:	79.0 %			78.0 %			84.0 %			80.0 %		
FIELD DUPLICATE OF:												
	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE
INORGANIC PARAMETERS												
CARBON(MG/KG)	63.5	U		410			59.3	U		1780		

VPB48 C-71

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:212473.01 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/11/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-TB-051601, 1001

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.03 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/16/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-102103, 1230

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14335 VPB48 C-73)

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

LAB NO:212473.04 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/16/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-151152, 1435

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.14 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-201202, 0930

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	4
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	100

cc:

REMARKS:

DIRECTOR

rn= 14346 VPB48 C-75

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

LAB NO:212473.15 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-222223, 1050

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	14
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	2
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	54

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.16 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-242243, 1225

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	20
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	3

cc:

REMARKS:

DIRECTOR

rn= 14348

VPB48 C-77

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:212473.17 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-DM260, 1240

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	19	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	2
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:212473.18 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-262263, 1425

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	2	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	4
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	2	Trichloroethene	ug/L	88
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	6			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14350 VPB48 C-79

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:212473.19 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-RB-051701, 1435

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.20 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-282283, 1600

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	2
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	2
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	6
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	23

cc:

REMARKS:

DIRECTOR

rn= 14352 VPB48 C-81

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.21 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-DUP1, 1700

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	2	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	6
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	2	Trichloroethene	ug/L	23
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.22 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-302303, 1740

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	18
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	2
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	31

cc:

REMARKS:

DIRECTOR

rn= 14354

VPB48 C-83

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.23 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-322323, 0915

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	22	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	4
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212473.24 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-342343, 1046

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	16	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	20
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14356 VPB48 C-85

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:212473.25 05/24/01

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
COLLECTED BY: Client DATE COL'D:05/18/01 RECEIVED:05/18/01

SAMPLE: Water sample, BP-VPB-48-362363, 1215

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	18
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	30

cc:

REMARKS:

DIRECTOR

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:212557.01 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-TB-052101, 1545

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 14855 VPB48 C-87

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:212557.02 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-48-382383, 1230

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	3
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rp= 14856 VPB48 C-88

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:212557.03 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-48-402403, 1405

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	4
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	1	Trichloroethene	ug/L	45
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14857 VPB48 C-89

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:212557.04 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/21/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-48-422423, 1540

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	12
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 14858 VPB48 C-90

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:212557.08 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-VPB-48-442443, 0940

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14862 VPB48 C-91

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212557.09 05/30/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/22/01 RECEIVED:05/23/01

SAMPLE: Water sample, BP-RB-052201, 1320

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 14863 VPB48 C-92

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

LAB NO:212618.01 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/17/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-TB-052301, 1523

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15154 VPB48 C-93

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212618.03 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-482483, 0920

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR:

rp= 15156 VPB48 C-94

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212618.04 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-502503, 1055

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 15157 VPB48 C-95

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:212618.05 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-522523, 1240

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 15158 VPB48 C-96

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:212618.06 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-542543, 1425

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15159 VPB48 C-97

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212618.07 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-562563, 1615

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15160 VPB48 C-98 0

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212618.08 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/24/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-582583, 1750

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15161 VPB48 C-99

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:212618.09 06/01/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:05/25/01

SAMPLE: Water sample, BP-VPB-48-602603, 0850

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15162 VPB48 C-100

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:212741.04 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-TB-052901-48, 0950

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 15804

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:212741.05 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-620621, 1240

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15805 VPB48 C-102

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212741.06 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-641642, 1440

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15806 VPB48 C-103

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212741.07 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-661662, 1715

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:212741.08 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/29/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-DUP2, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15808 VPB48 C-105

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:212741.13 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-681682, 0915

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:212741.14 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-701702, 1110

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15814

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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LAB NO:212741.15 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-721722, 1310

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15815

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:212741.16 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-741742, 1510

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15816

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:212741.17 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-RB053001-48, 1620

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rp= 15817 VPB48 C-110

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:212741.18 06/07/01

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, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/30/01 RECEIVED:06/01/01

SAMPLE: Water sample, BP-VPB-48-DUP3, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15818 VPB48 C-111

Appendix D

VPB-51

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-51
DATE: 7-18-01
GEOLOGIST: Vince Shickora
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0950	0												
							Silt-Sand and Fine		(damp)	0	0	0	0
							gravel						
	10												
							Silty Fine to med. Sand		(damp)	0	0	0	0
							with 3/4" gravel Frags						
0956	20						Same as above						
1005	30						Same as above		(damp)	0	0	0	0
1015	40						Silt-Sand based on			0	0	0	0
							drilling						
	50						Same as above			0	0	0	0

* When rock coring, enter rock brokeness.

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

Remarks: 8 inch drag bit

Drilling Area Background (ppm): 0

Converted to Well: Yes — No

Well I.D. #: VPB51 D-1

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-51
DATE: 7-18-01
GEOLOGIST: Vince Shichora
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1019	50												
S-1 @	51	23/26	13"			Org Brn	Silt - Fine grain Sand with Trace clay		(damp to wet)	0	0	0	0
1043	52	23/26	24"			Blk			HP-1 collected @ 1145 Hours				
									BP-VPB-51-052053				
	60												
							Same as above based on drilling						
							clay layer from 65' to 75 feet based on drilling						
1155	70												
							Same as above						
	80						Silt - Sand based on drilling						
1205	90						Same as above						
1215	100						Same as above						

* 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. #:

VPB51 D.2

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-51
DATE: 7-18-01
GEOLOGIST: Vince Shickora
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	100												
S-2 @	101	27/100	4"/			Tan Gry	Silty fine grain Sand		(wet)	0	0	0	0
1233	102	6	12"						HP-2 collected @ 1400 hours				
									BP-VPB-51-101102				
	110												
							Sand based on Drilling						
	120												
							Same as above						
1415	130												
							Same as above						
	140												
							Silt-Clay based on drilling from 140' to 150' BGS.						
1432	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): 0

Converted to Well: Yes No

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-51
DATE: 7-18-01 / 7-19-01
GEOLOGIST: Vince Shuckort
DRILLER: J. 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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	150												
S-3 @	151	27/100	10"			Blk Gry	Silt with Trace Clay		(damp to wet)	0	0	0	0
1450	152	6	12"						HP-3 collected @ 1605 hours BP-VPB-51-151152				
0935	160						Same as above based on drilling						
							Same as above						
	170												
							Silt-Sand based on drilling						
0950	180						Same as above						
							Sand based on Drilling						
	190												
							Same as above						
1000	200												

7/18/01

7/19/01

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks: Temporary PVC casing (8 inch) installed to 150' BGS

6 inch drag bit from 150'

Converted to Well: Yes

VPB51 D-4

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-51
DATE: 7-19-01
GEOLOGIST: Vince Shickora
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
100	200												
S-4 @	201	31 / 47	11" /			Org Tan Gry	Fine grain Sand with Trace Silt		Micaceous (wet) HP-4 No recovery	0	0	0	0
1027	202	100/5	17"						on First attempt. HP-5 collected				
									@ 1330 hours				
									BP-VPB-51-202203				
	210												
							Sand based on Drilling						
1346	220												
S-5 @	221	28 / 46	9" /			Brn org	Fine grain Sandy Silt with Trace clay		Micaceous (wet) HP-6 collected	0	0	0	0
1359	222	100/2	14"			Grey			@ 1625 hours				
									BP-VPB-51-222223				
1523	230												
							Sand based on drilling						
1527	240												
S-6 @	241	98 / 100	4" /			Brn Gray	Fine to Medium grain Sand with Trace Silt		Micaceous (wet) HP-7 collected	0	0	0	0
1547	242	/5	11"						@ 1705 hours				
									BP-VPB-51-241242				
	250						Sand based on Drilling						

7/19/01

7/20/01

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes

VPB51 D-5

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 51
DATE: 7-20-01 / 7-23-01
GEOLOGIST: VINCE SHICKORA / SCOTT NEIL
DRILLER: (Sub) ~~J. Evans~~ BOB BALL

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	250						Sand based on drilling						
0810	260												
S-7 @	261	38 / 100	4"			DK Gry	Silt with trace fine sand and clay		MICACEOUS (WET) HP-8	0	0	0	0
0835	262	8	11"										
	270						SAND BASED ON DRILLING		(SWM) ~~HP-~~				
S-8 @	280	60 / 61	10"			OL/ GRAY	SILTY FINE SAND	SM	HP-9 @ 1235:	0	0	0	0
1112	282	43 / 45	24"						BP-VPB-51-282-283				
									COLLECT DUP:				
									BP-VPB-51-DUP1.				
	290						SAND BASED ON DRILLING						
	300												

7/20/01 →

7/23/01 ↓

* When rock coring, enter rock brokeness.

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

Remarks: Resume drilling at 260' (on 7/23/01).

Drilling Area Background (ppm): 0

Converted to Well: Yes VPB51 D-6 Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 7/23-24/01
GEOLOGIST: S. Neil
DRILLER: ~~J. Evans~~ (SUN) BOB 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-9 @	300	67/100	6"			BLK	BOTTOM 2": SILTY F. SAND	SM	HP-10 @ 1435:	0	0	0	0
1312	302	6	12"			OR	UPPER 4": SILTY F. SAND	SM	BP-VPB-51-301302				
							W/ TR Fe NODULES.						
	310						SAND BASED ON DRILLING						
S-10 @	320	56/100	8"			GRAY	SILTY FINE SAND	SM	HP-11 @ 1623:	0	0	0	0
1508	322	6	12"				SOME OR MOT.		BP-VPB-51-321322				
	330						SAND BASED ON DRILLING						
S-11 @	340	64/76	22"			GRAY	FINE SILTY SAND W/	SM	COLLECT 2ND TOC SAMPLE:	0	0	0	0
0842	342	100/4	16"				OR MOT		BP-VPB-51-340.				
									COLLECT HP-12 @ 1005.				
									BP-VPB-51-341342.				
	350												

7/23/01 →

7/24/01 ↓

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks: END DRILLING ON 7/23/01 @ 320'. RESUME DRILLING @ 320' ON 7/24/01.

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 7/24/01
GEOLOGIST: S. Neil
DRILLER: ~~J. Evans~~ B. Bass

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	350						SAND BASED ON DRILLING						
S-12 @	360	89/100	7"			GRAY	SILTY FINE SAND w/	SM	HP-13 @ 1152.	0	0	0	0
1037	362	4	10"				OR MOT.		BA VPB-51-361362				
	370						CLAY BASED ON DRILLING						
							370-375'						
S-13 @	380	36/100	7"			GRAY	SILTY FINE SAND	SM	HP-14 @ 1402.	0	0	0	0
1240	382	6	~~10~~ 12"				TR OR MOT		BA VPB-51-381382				
	390						SAND BASED ON DRILLING						

* 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 X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 7/24-25/01
GEOLOGIST: S. Neil
DRILLER: ~~J. Evans~~ (SWN) B Baker

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
7/24/01 S-14 C	400	49/51	13"			GRAY	SILTY FINE SAND	SM	HP-15@1610	0	0	0	0
1443	402	44/38	24"						RP-VPB-51-402403 COLLECT 2ND DUP-				
									2P-VPB-51-DUP1.				
7/25/01	410						CLAY BASED ON						
							DRILLING ≈ 410-415						
S-15 @	420	35/100	5			BRN	SILTY FINE SAND	SM	NO RECOVERY ON	0	0	0	0
0840	422	6	12"				TR OR MOT		FIRST ATTEMPT.				
									HP-16@1134: RP-VPB-51-421422.				
	430						SAND BASED ON						
							DRILLING						
S-16 C	440	34/100	7"			GRAY	SILTY FINE SAND	SM	NO RECOVERY ON FIRST ATTEMPT.	0	0	0	0
1207	442	6	12"				TR CLAY		HP-17@1205: RP-VPB-51-441442				
	450												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks: END DRILLING @ 400' ON 7/24/01. RESUME DRILLING @ 400' ON 7/25/01.

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 7/25-26/01
GEOLOGIST: S. Neil
DRILLER: ~~J. Evans~~ B. Baker

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	450						SAND BASED ON DRILLING						
7/25/01													
S-17 @	460	46/65	14"			GRAY	FINE - MED GRAINED	SM	HP-18 @ 1710; BP-VPB-51-460-462	0	0	0	0
1544	462	100/4	16"				SAND TR SILT		ALSO COLLECT DUP: BP-VPB-51-DUP3				
7/26/01													
S-18 @	470						GRAVEL FRAGS AND		FORMATION TAKING MUD - DRILLER				
							V. COARSE SAND		MIXING MORE MUD.				
S-19 @	480	43/100	7"			BRN	SILTY FINE SAND		HP-19 @ 1140:	0	0	0	0
1010	482	3	11"			GRY			BP-VPB-51-480-482				
	490						SAND BASED ON						
							DRILLING						
	500												

* When rock coring, enter rock brokeness.

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

Remarks: END DRILLING ON 7/25/01 @ 460'.

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 7/26-30/01
GEOLOGIST: S. Neil
DRILLER: ~~J. Evans~~ B. Baker / J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-19 @	500	22 / 35	11"			GRY BRN	FINE-MED SAND TR-	SM	NO RECOVERY IN 1ST HP.	0	0	0	0
	1215	502	100 / 6	18"				SOME SILT		NO RECOVERY IN 2ND HP.				
7/26/01														
	S-20 @	510	49 / 100	4"			GRY	FINE-MED SILTY SAND	SM	HP-20 @ 1735;	0	0	0	0
	1615	512	6	12"						BP-VPB-51-511512				
7/27/01														
	S-21 @	520	41 / 100	7"			GRY	MED-COARSE SILTY SAND	SM	HP-21 @ 1004;	0	0	0	0
	1635	521	5	11"				TR-SOME SILT.		BP-VPB-51-511521				
										LOSE MUD TO				
										FORMATION.				
		530						SAND BASED ON DRILLING						
7/30/01														
	S-22 @	540	47 / 100	7"			GRY BRN	FINE-MED SILTY SAND	SM	HP-22 @ 1715;	0	0	0	0
	1553	542	3	9"						BP-VPB-51-511542				
7/31/01								ALTERNATING CLAY						
								AND SAND DRILLING						
		550						FROM 543-550'.						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks: BOREHOLE COLLAPSED OVER THE WEEKEND TO 160' - REDRILLED FROM 160-530' ON 7/30/01. DRILL FROM 530-540' ON 7/30/01. BEGIN DRILLING @ 540' ON 7/31/01.

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 7/31/01
GEOLOGIST: S. Neil
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	550						ALTERNATING CLAY +						
							SAND FROM 550-560'.						
S-23 a	560	38/57	15"			BRN	UPPER PORTION CLAY & SAND	SC	COLLECT HP-23.	0	0	0	0
1033	562	34/20	24"			GRY	LOWER PORTION SILTY FINE-	SM	BRNPB 51-562563.				
							MED SAND						
	570						SAND BASED ON DRILLING						
S-24 e	580	78/100	5"			GRY	FINE SILTY SAND	SM	HP-24 @ 1402.	0	0	0	0
1240	582	7	8"						BRNPB-51-580581				
	590						SAND BASED ON DRILLING						
	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): 0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 7/31-8/1/01
GEOLOGIST: S. Neil
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-25 @ 1455	600	37/54	9"			GRY	V. FINE SILTY SAND	SM	HP-25 @ 1615; BP-VPB-51-601602	0	0	0	0
	602	100/2	14"			BRN							
	610						SAND BASED ON DRILLING						
S-26 @ 0934	620	43/100	7"			GRY	SILTY/CLAYEY FINE SAND	SM/SC	HP-26 @ 1000; BP-VPB-51-620621	0	0	0	0
	622	1	7"						ALSO COLLECT DUP; BP-VPB-51-DUP4.				
	630						SAND BASED ON DRILLING						
S-27 @ 1040	640	79/100	9"			GRY	SILTY FINE SAND	SP	HP-27 @ 1200; BP-VPB-51-641642	0	0	0	0
	642	3	9"										

7/31/01

8/1/01

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks: END DRILLING @ 620' ON 7/31/01; WILL SAMPLE AT 620' INTERVAL ON 7/31/01.

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 8/1/01
GEOLOGIST: S. Neil
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	650						SAND BASED ON DRILLING						
							COARSE W/ PEA SIZE GRAVEL						
S-28 C	660	86/100	9"			GRAY	FINE-COARSE SILTY SAND	SM/	NO RECOVERY IN HP -	0	0	0	0
1238	662	4	10"				SOME CLAY THE PEA-SIZE	CL	WILL NOT MAKE				
							GRAVEL		2ND ATTEMPT DUE TO				
									THE FORMATION.				
	670						SAND BASED ON DRILLING						
							CLAY "STRINGERS" 660-680'						
S-29 C	680	76/100	9"			GRAY	MED-COARSE SAND W/	SP/	NO RECOVERY IN HP;	0	0	0	0
1444	682	4	10"				SOME CLAYEY GRAVEL IN	GC	DRILL TO 690' AND				
							UPPER PORTION OF SPOON		TAKE SAMPLE.				
S-30 C	690	34/37	19"			GRAY	V. DENSE CLAY	CL	NO ATTEMPT AT HP	0	0	0	0
1640	692	42/56	24"						DUE TO FORMATION				
	700												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 8/2/01
GEOLOGIST: S. Neil
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-31 @	700	107/100	9"			Brn/Gry	MED SAND TR GRAVELLY	SP	HP-28 @ 0957;	0	0	0	0
0833	702	3	9"				CLAY IN UPPER 1" OF		BP-VPB-51-701702				
							SPOON						
	710						SAND BASED ON DRILLING						
							GRAVEL @ ≈ 718'.						
S-32 @	720	49/76	6"			Wht	MED-LG QTZ GRAVEL	GW	HP-29 @ 1230;	0	0	0	0
1028	722	100/3	15"			Brn			BP-VPB-51-721722				
	730						CLAY BASED ON DRILLING						
							BETWEEN ≈ 726-732'.						
							V. COARSE SAND/SM. GRAV.						
							↓						
S-33 @	740	46/100	7"			Gray/Wht	DENSE CLAY SOME	CL	NO HP ATTEMPTED	0	0	0	0
1323	742	2	8"				GRAVEL		DUE TO FORMATION				
							↓						
	750												

* When rock coring, enter rock brokeness.

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

Remarks: BEGIN DRILLING ON 8/2/01 @ 700'.

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 8/2/01
GEOLOGIST: S. Neil
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	750						GRAVELLY CLAY BASED						
							ON DRILLING						
							↓						
S-34 @	760	21/39	9"			GRY/	GRAVELLY CLAY SOME	CL	NO HP ATTENUATED	0	0	0	0
1410	762	54/61	24"			WHT	RED SAND		DUE TO FORMATION				
	770						SAND/CLAY BASED ON						
							DRILLING.						
							↓						
S-35 @	780	27/39	11"			GRY	SILTY FINE SAND	SM/	HP-30 @ 1755 (6 SWP)	0	0	0	0
1536	782	54/63	24"			WHT	TR. CLAY + GRAVEL	CL	HP-VPB-51-782783				
	790						ALTERNATING SANDS +						
							CLAY BASED ON DRILLING						
							FROM 790-800'.						
	800												

* 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 X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-51
DATE: 8/3/01
GEOLOGIST: S. Neil
DRILLER: J. 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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-36 C	800	38/43	11"			Gry	CLAY SOME MED--	CL		0	0	0	0
0803	802	52/72	24"				COARSE SAND TR GRAVEL		END OF BOREHOLE				

* When rock coring, enter rock brokeness.

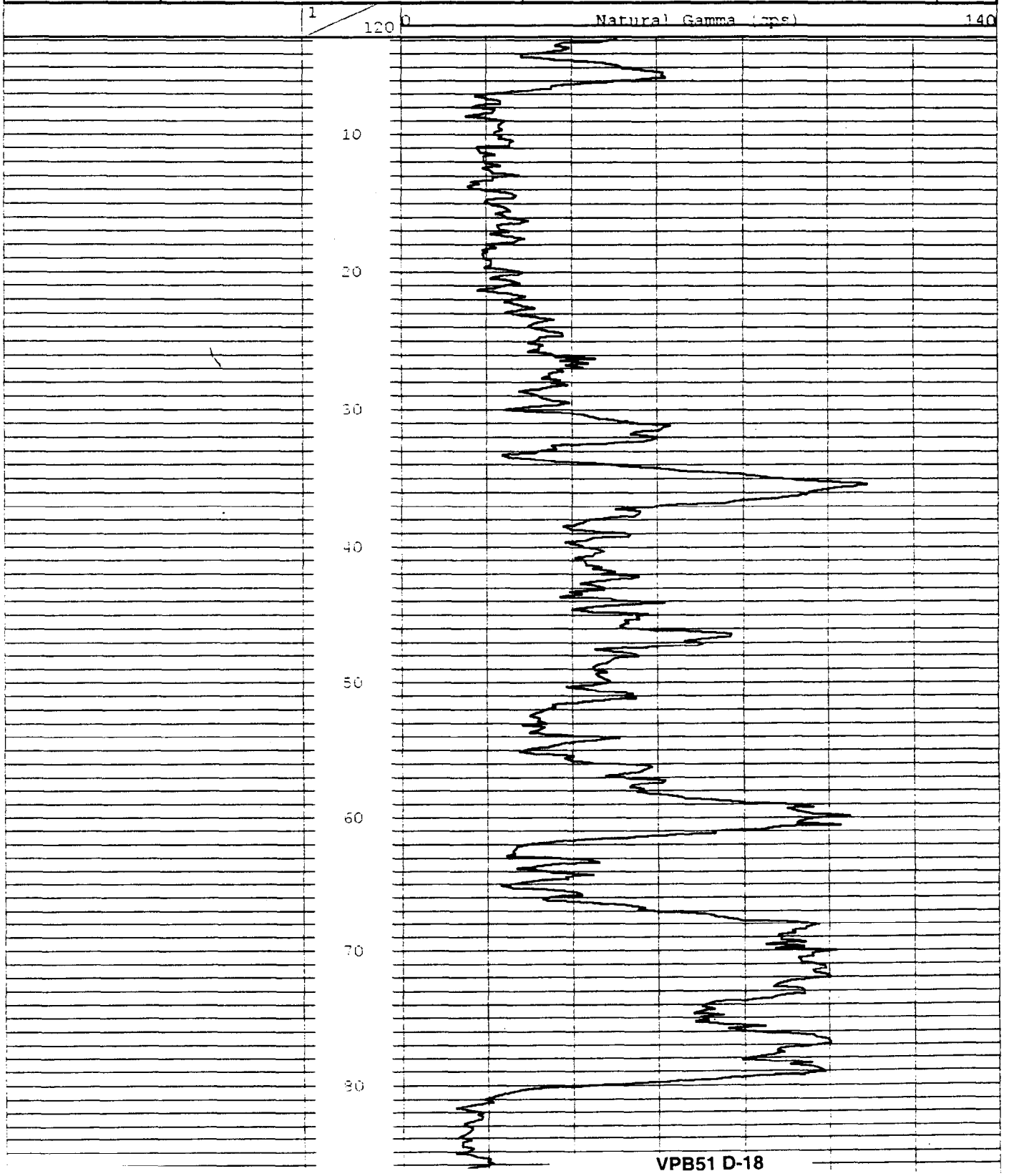
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: END BORING @ 800'.

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No X Well I.D. #: ____

	COMPANY: UNITECH DRILLING CO.				Casing
	Location: BETHPAGE WATER PLANT				
Well	NWIRP BETHPAGE VPB-51			Depth Driller 800 FEET Depth Logger 798 FEET	150' 6"PVC
Date	8/3/01	BH Fluid	MUD	Logged by: AQUA TERRA	
File Name				Witness: SCOTT NEIL	



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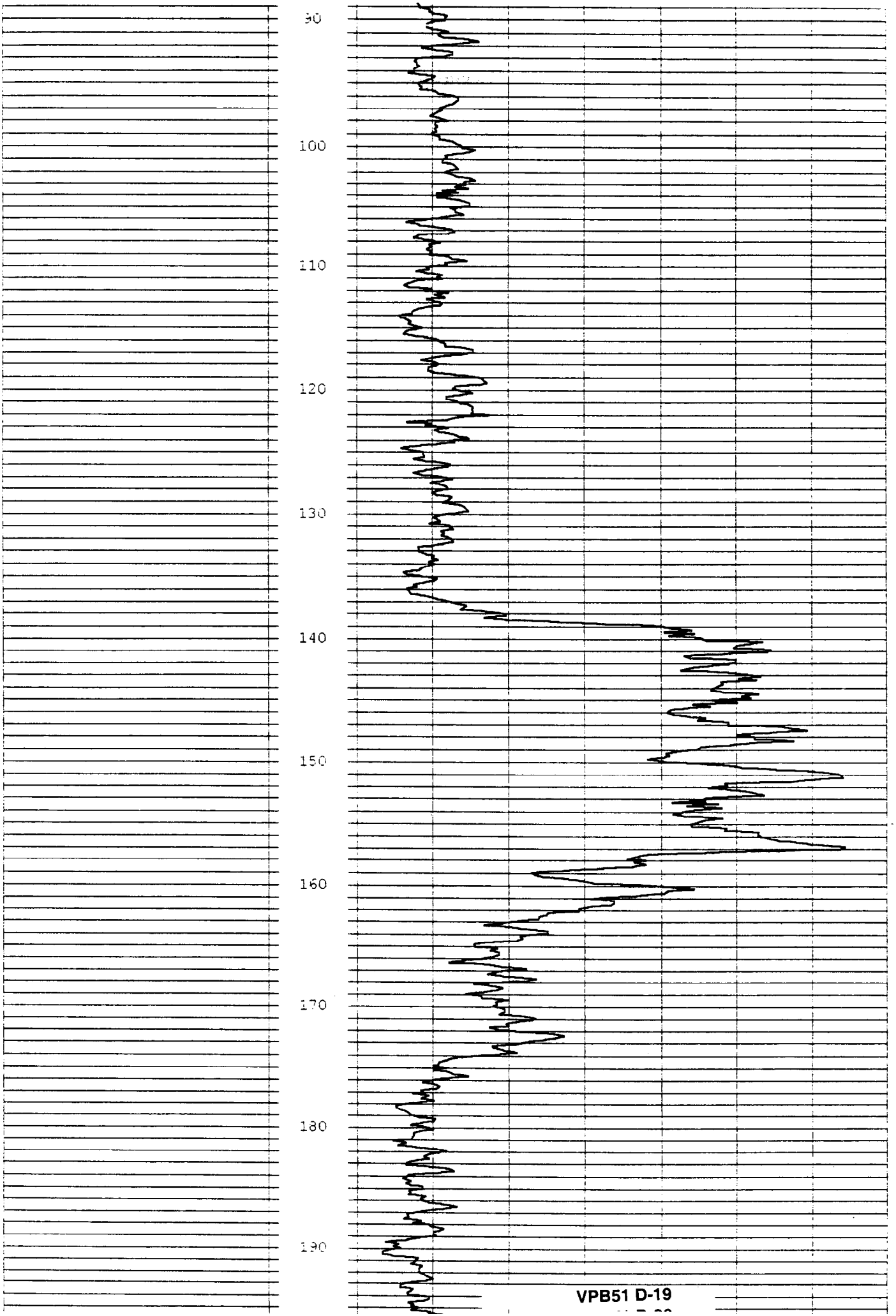
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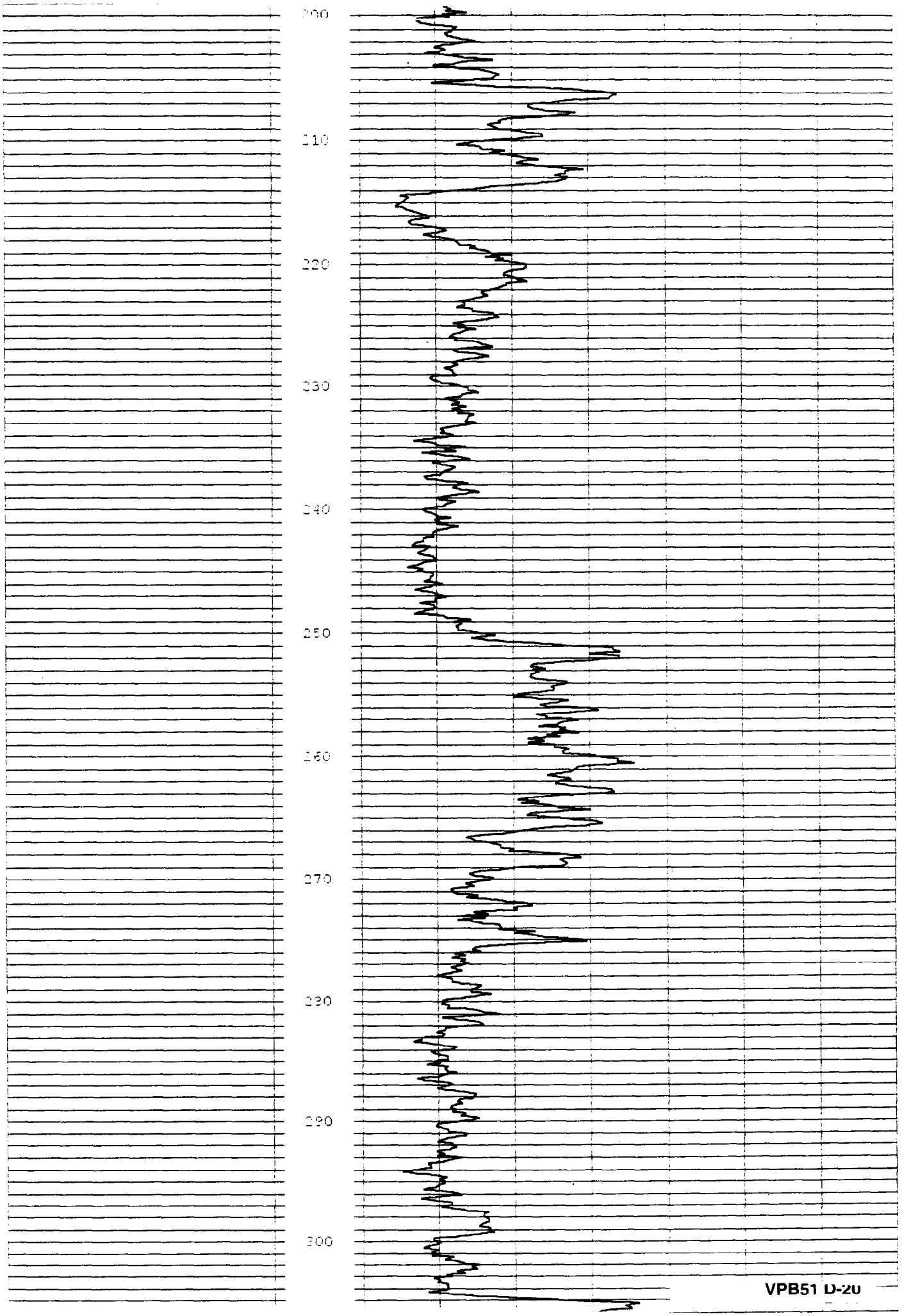
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260
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300
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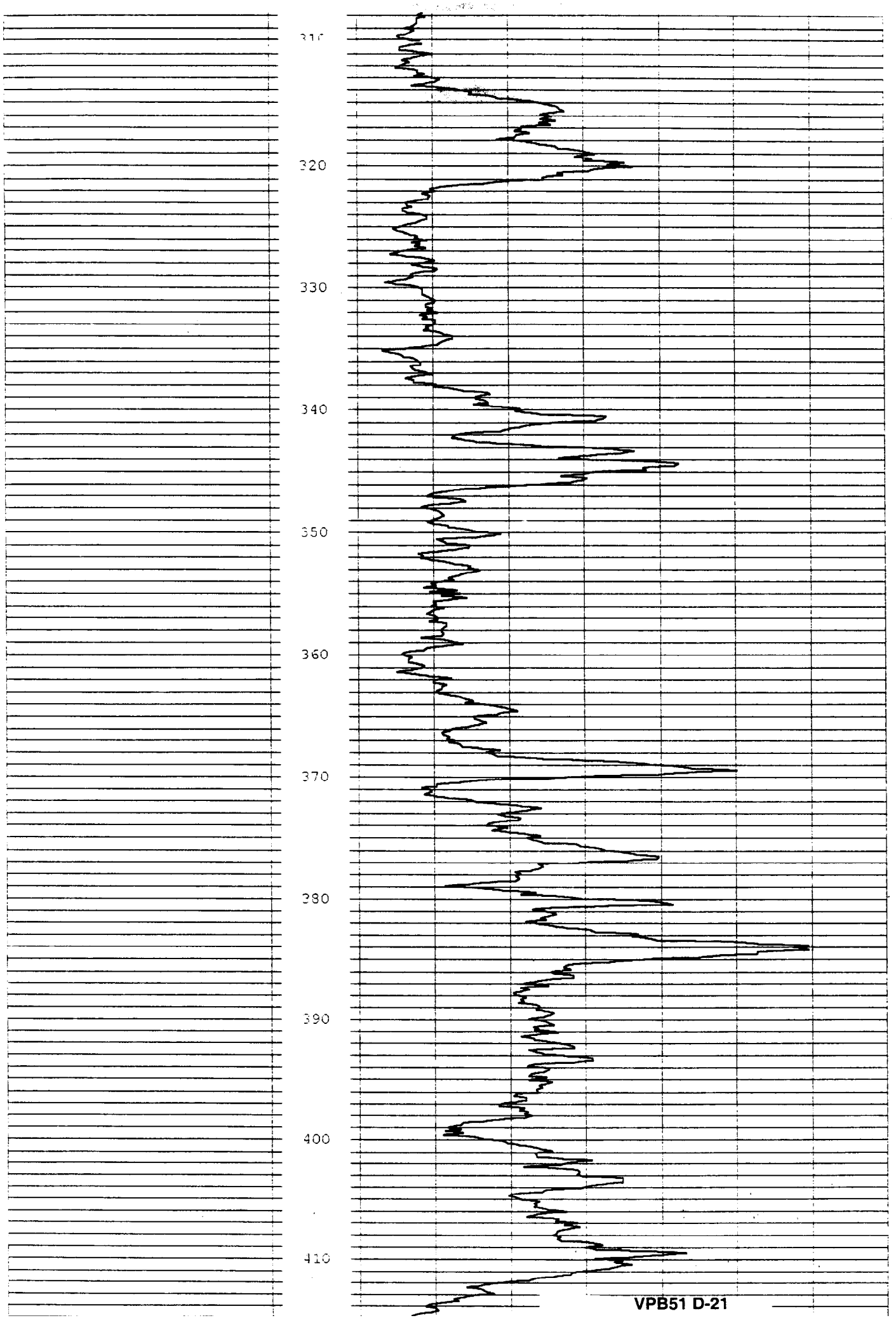
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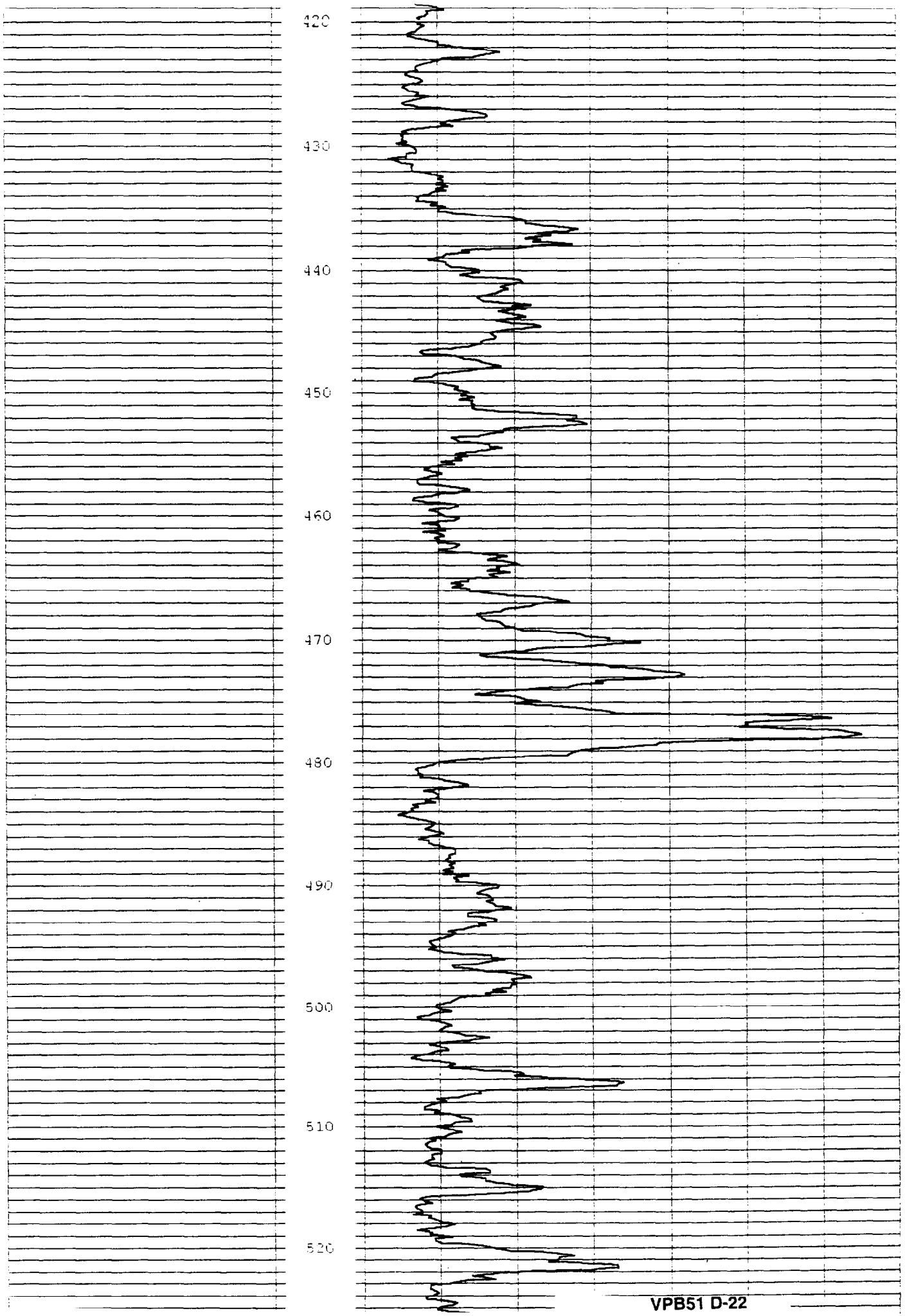
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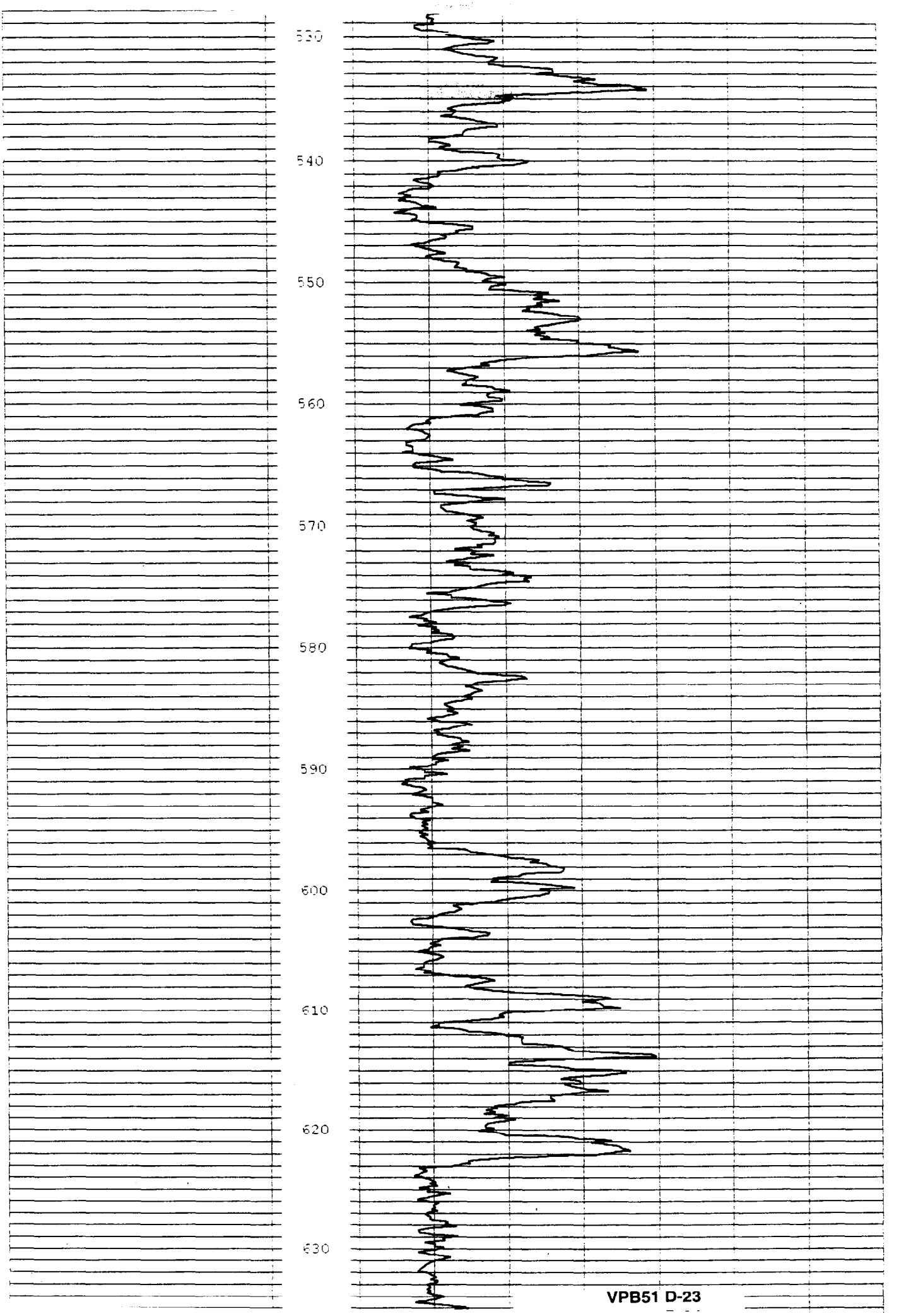
VPB51 D-22



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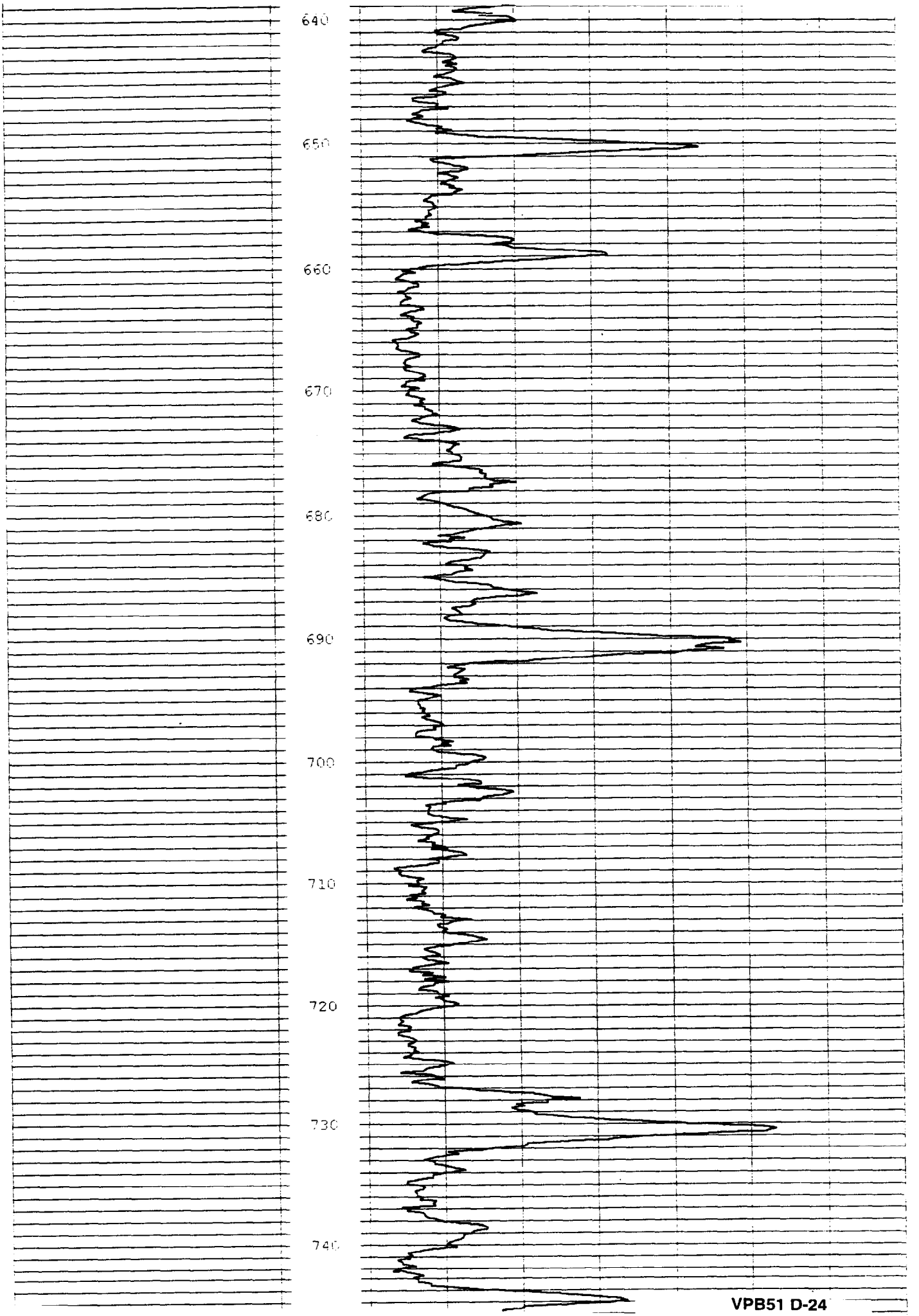

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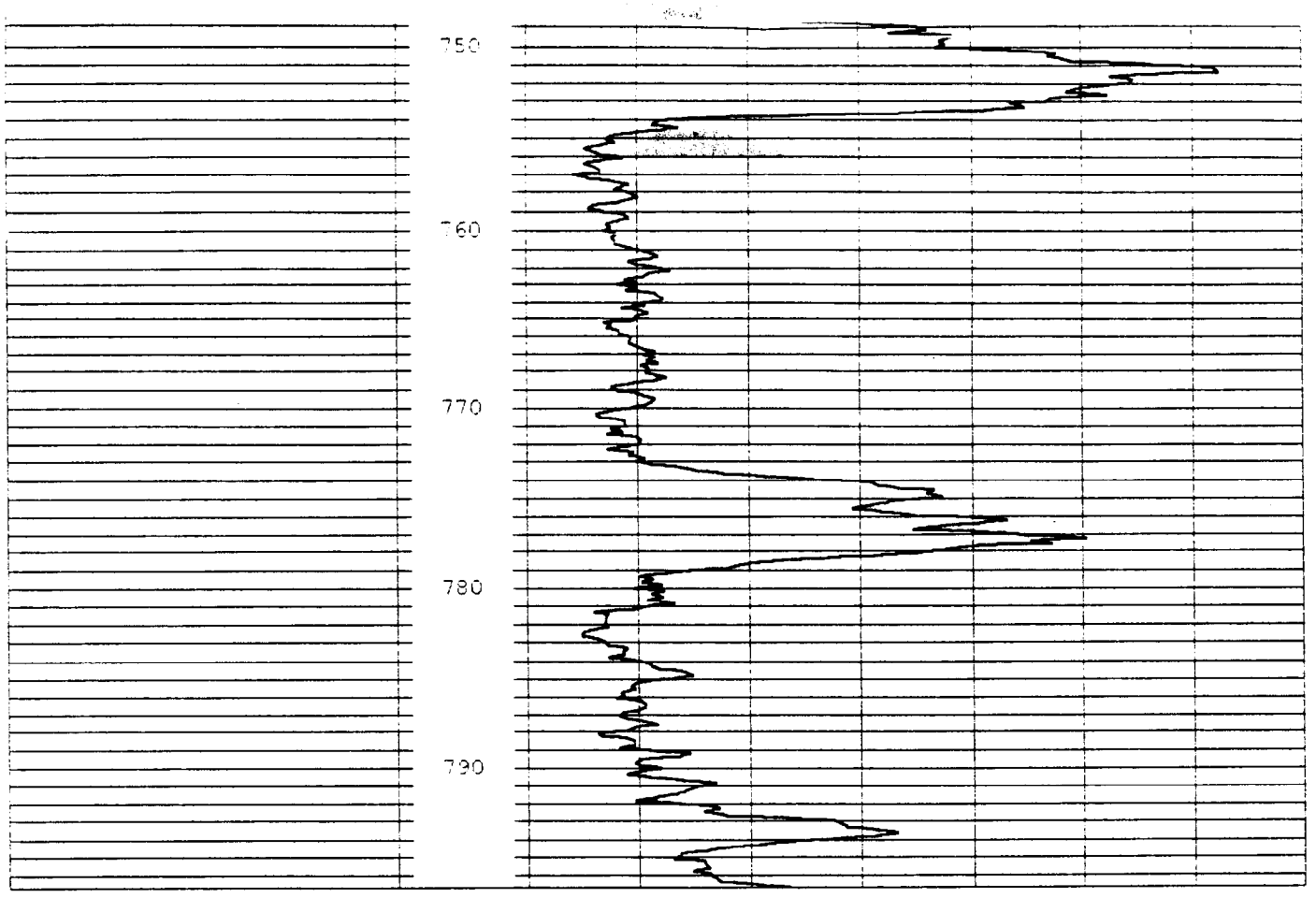
750
760
770
780
790

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-51-052053
Sample Location: VPB-51
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-072001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7-18-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1145	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light Brown	* –	–	–	–	–	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1100 hours

Sample depth (screened interval) = 52' to 53' BGS

Screen exposed to formation for 40 minutes.

Depth of borehole prior to advancing hydropunch = 50'

* insufficient volume recovered for field parameters

- Sample appears to be natural formation water

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-51-101402
Sample Location: VPB-51
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-072001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7-18-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1400	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light Brown	* –	–	–	–	–	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1245 hours

Sample depth (screened interval) = 101' to 102' BGS

Screen exposed to formation for 70 minutes.

Depth of borehole prior to advancing hydropunch = 100'

* insufficient volume recovered for field Parameters
- Sample appears to be Natural formation Water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-51-151152
Sample Location: VPB-51
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-072001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7-18-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1605	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light Gray	* -	—	—	—	—	—	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1500 hours

Sample depth (screened interval) = 151' to 152' BGS

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 150'

* insufficient volume recovered for field parameters
- Sample appears to be formation water

Circle if Applicable:

MS/MSD ___ Duplicate ID No.: ___

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
~~[x]~~ Other Well Type: ~~Vertical Profile Boring~~ VAS
[X] QA Sample Type: Drilling Mud Sample

Sample ID No.: BP-VPB-51-DM200
Sample Location: VPB-51
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-072001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1010	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Dark Gray	5.81	1.51	22.2	7990	1.72	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at

Sample depth (screened interval) =

Screen exposed to formation for minutes.

Depth of borehole prior to advancing hydropunch =

- Sample of Drilling Mud collected from Mud Pit (Borehole depth → 200' BGS)

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-51-202203
Sample Location: VPB-51
Sampled By: Vince Shilkora
C.O.C. No.: BP-VPB-072001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1330	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light brown	5.59	0.345	19.4	>999	2.12	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1215 hours.

Sample depth (screened interval) = 202' to 203'

Screen exposed to formation for 70 minutes.

Depth of borehole prior to advancing hydropunch = 200'

- sample appears to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-51-222223
Sample Location: VPB-51
Sampled By: Vinie Shickora
C.O.C. No.: BP-VPB-072001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1525	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light Brown	4.77	0.286	20.3	>999	2.72	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1417 hours

Sample depth (screened interval) = 222' to 223' BGS

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 220'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [illegible]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-51-241242
Sample Location: VPB-51
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-072001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1705	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light Brown	* -	-	-	-	-	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1559 hours

Sample depth (screened interval) = 241' to 242'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 240'

* insufficient volume recovered for field parameters

- sample appears to be formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

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

Sample ID No.: BP-VPB-51-261262
Sample Location: VPB-51
Sampled By: Vince Shickora
C.O.C. No.: BP-BPB-073001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7-20-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0955	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light Gray	—	—	—	—	—	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0858 hours

Sample depth (screened interval) = 261' to 262'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 260'

- insufficient volume recovered for field parameters

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-282-283
Sample Location: VPB-51
Sampled By: J. NEIL
C.O.C. No.: BP-VPB-072501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/23/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1235	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	LT BLW	5.65	.247	21.3	>999	1.42	0.00	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1120.

Sample depth (screened interval) = 282 - 283'

Screen exposed to formation for 68 minutes.

Depth of borehole prior to advancing hydropunch = 280'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB-51-DUP1

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-301-302
Sample Location: VPB-51
Sampled By: S. Neil
C.O.C. No.: BP-VPB-072501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/23/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1435	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BLN/YL	6.01	0.520	22.5	>999	1.12	0.02	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1326.

Sample depth (screened interval) = 301 - 302'.

Screen exposed to formation for 64 minutes.

Depth of borehole prior to advancing hydropunch = 300'.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-321322
Sample Location: VPB- 51
Sampled By: S. Neil
C.O.C. No.: BP-VPB-073501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/23/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1623	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Cloudy	5.59	0.305	23.0	>999	2.16	0.01	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1515.

Sample depth (screened interval) = 321 - 322'

Screen exposed to formation for 62 minutes.

Depth of borehole prior to advancing hydropunch = 320'.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Scott M. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-341342
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-072501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 7/24/01								
Time: 1005								
Method: Hydropunch	Brn/Gray	6.09	0.863	20.2	>999	1.37	0.03	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0855.

Sample depth (screened interval) = 341 - 342'.

Screen exposed to formation for 62 minutes.

Depth of borehole prior to advancing hydropunch = 340'

* Sample has the appearance of cross-contamination w/ drilling mud.

Circle if Applicable:

MS/MSD

Duplicate ID No.: ——

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-361362
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-072501
Type of Sample:
[x] Low Concentration
[] High Concentration

* **SAMPLING DATA:**

Date: 7/24/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1152	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY/BRN	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1046.

Sample depth (screened interval) = 361 - 362'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 360'

* COULD FILL ONLY ONE 40mL VIAL - INSUFFICIENT VOLUME FOR FIELD PARAMETERS.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	—	Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB- 51-381382
Sample Location: VPB- 51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-072501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/24/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1402	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray/Brn	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1252.

Sample depth (screened interval) = 381-382'.

Screen exposed to formation for 64 minutes.

Depth of borehole prior to advancing hydropunch = 380'

* INSUFFICIENT VOLUME TO RUN FIELD PARAMETERS. ONLY ENOUGH VOLUME FOR ONE 40 mL VIAL.

SAMPLE HAS APPEARANCE OF CROSS-CONTAMINATION w/ DRILLING MUD.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-402-403
Sample Location: VPB-51
Sampled By: S. NGIL
C.O.C. No.: BP-VPB-072501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/24/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1610	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray/Brn	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1454.

Sample depth (screened interval) = 402 - 403'.

Screen exposed to formation for 63 minutes.

Depth of borehole prior to advancing hydropunch = 400'.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	BP-VPB-51-DUP2	Scott W. Reid

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-481422
Sample Location: VPB-51
Sampled By: S. Nill
C.O.C. No.: ~~BP-VPB~~
Type of Sample: BP-VPB-072501
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/25/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1134	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray/Brown	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1025.

Sample depth (screened interval) = 481 - 482'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 480'.

* INSUFFICIENT VOLUME TO RUN FIELD PARAMETERS — SAMPLE HAS APPEARANCE OF CROSS-CONTAMINATION W/ DRILLING MUD.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): Scott W. Nill

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-441442
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-072701
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/25/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1505	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BRN	5.55	0.593	22.9	>999	0.39	0.02	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1353.

Sample depth (screened interval) = 441 - 442'.

Screen exposed to formation for 62 minutes.

Depth of borehole prior to advancing hydropunch = 440'.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	—	Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-46462
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-072701
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 7/25/01								
Time: 1710								
Method: Hydropunch	LT. GRAY	5.49	0.251	22.3	>999	1.71	0.00	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1600.

Sample depth (screened interval) = 461-462'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 460'.

Circle if Applicable:

MS/MSD

Duplicate ID No.: BP-VPB-51-DUP3

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-481482
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-072701
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/26/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1140	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BLN/GRY	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1027.

Sample depth (screened interval) = 481 - 482'.

Screen exposed to formation for 63 minutes.

Depth of borehole prior to advancing hydropunch = 480'

* Sample has the appearance of drilling mud (thick). Insufficient volume for field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-511512
Sample Location: VPB-51
Sampled By: S. Reid
C.O.C. No.: BP-NPB-072701
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 7/26/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1735								
Method: Hydropunch	BRN	5.21	0.209	18.7	>999	2.64	0.00	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1630.

Sample depth (screened interval) = 511-512'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 510'.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Reid

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-521522
Sample Location: VPB- 51
Sampled By: S. Neil
C.O.C. No.: BP-VPB-072701
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/27/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1004	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray/Green	6.36	2.33	16.2	>999	3.77	0.11	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0453.

Sample depth (screened interval) = 521 - 522'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 520'.

* Sample appears to be drilling mud - based on salinity + S.C.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-541542
Sample Location: VPB-51
Sampled By: S. Nail
C.O.C. No.: BP-VPB-080101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1715	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BRN	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1606.

Sample depth (screened interval) = 540-542'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 540'.

*Insufficient volume for 2 vials / parameter - Sample has the appearance of cross-contamination w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Nail

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB- 51-562563
Sample Location: VPB- 51
Sampled By: S. Neil
C.O.C. No.: BP-VPB-080101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/31/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1158	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Bkd	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1050.

Sample depth (screened interval) = 562-563'.

Screen exposed to formation for 62 minutes.

Depth of borehole prior to advancing hydropunch = 560'.

* Only enough sample volume to fill one vial - no parameters. Sample has the appearance of drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott M. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-580581
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-080101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 7/31/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1402	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	—	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1252.

Sample depth (screened interval) = 580 – 581'.

Screen exposed to formation for (6) minutes.

Depth of borehole prior to advancing hydropunch = 580'

*Insufficient volume for parameters - only enough for one vial.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB- 51- 601 602
Sample Location: VPB- 51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-080101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA: *

Date: 7/31/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1615	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BRN	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	i *

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1507.

Sample depth (screened interval) = 601 - 602'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 600'.

* Insufficient sample volume to run field parameters / collect 2 more vials.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Scott Neil
—	—	

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-620G4
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-080101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 8/1/01								
Time: 1000								
Method: Hydropunch	LT-GY	5.49	0.131	17.1	>999	3.79	0.00	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0851.

Sample depth (screened interval) = 620-621'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 620'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	~~BP-VPB-51-DUP4~~

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-641/642
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BPNPB-040301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/1/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1200	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	LTGRY/LTBRN	6.02	0.283	19.0	907	4.30	0.00	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1052

Sample depth (screened interval) = 641-642'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 640'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-701702
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-080301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 8/2/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 0957								
Method: Hydropunch	Brown	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0847.

Sample depth (screened interval) = 701 - 702'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 700'.

* INSUFFICIENT VOLUME FOR FIELD PARAMETERS.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-721 722
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-080301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 8/2/01								
Time: 1230								
Method: Hydropunch	GRY/BRN	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1122.

Sample depth (screened interval) = 721-722'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 720'

* INSUFFICIENT VOLUME FOR FIELD PARAMETERS; SAMPLE HAS THE APPEARANCE OF CROSS-CONTAMINATION W/ DRILLING MUD.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-51-782783
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 8/2/01								
Time: ~~1755~~ 1655								
Method: Hydropunch	WHT/BRN	5.11	0.261	24.1	NA	NA	0.01	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
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 (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1544.

Sample depth (screened interval) = 782 - 783'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 780'.

* INSUFFICIENT VOLUME TO MEASURE D.O. and TURBIDITY.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-51-200201
Sample Location: VPB-51
Sampled By: Vince Shickora
C.O.C. No.: BP-072401

Type of Sample:
[X] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 7-19-01 Time: 1030 Method: Split Spoon Monitor Reading (ppm): 0	200' to 201'	Orange-Brown	Silty Sand (wet)

COMPOSITE SAMPLE DATA:

Date:	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC (Weakly Black)	1 4ounce Jar	1	—

OBSERVATIONS / NOTES:

No odors or stains observed.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-51-340
Sample Location: VPB-51
Sampled By: S. NEIL
C.O.C. No.: BP-572401

Type of Sample:
[X] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 7/24/01 Time: 0842 Method: SPLIT SPOON Monitor Reading (ppm): 0.0	340'	GRAY	SILTY FINE SAND W/ OR MOT.

COMPOSITE SAMPLE DATA:

	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:				
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	4OZ. GLASS JAR	✓	

OBSERVATIONS / NOTES:

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott A. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-51
QA Sample Type:

Sample ID Number: BP-TB-071801
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-072001

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank _____

SAMPLING DATA:

Date: 7-16-01
Time: 1202
Method: Lab supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other _____
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS AND NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-51
QA Sample Type:

Sample ID Number: ~~BP-VPB-~~ VAJ BP-RB-071801
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-072001

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank ___

SAMPLING DATA:

Date: 7-18-01
Time: 1620
Method: Direct grab

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other ___
[] Tap
[] Fire Hydrant

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: Aqueous
Equipment Used: Hydropunch Barrel
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

- water poured through deconed (clean) Hydropunch Sampler Barrel

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-51
QA Sample Type:

Sample ID Number: BP-TB-072301
Sampled By: S. Neil
C.O.C. Number: BP-VPB-072501

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 7/23/01
Time: 0915
Method: NA *

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

* Lab-prepared.

Signature(s):

Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-51
QA Sample Type:

Sample ID Number: BP-TB-072501
Sampled By: S. Neil
C.O.C. Number: BP-VPB-072701

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 7/25/01
Time: 1215
Method: NA *

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

* Lab supplied.

Signature(s):

Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-51
QA Sample Type:

Sample ID Number: BP-RB-072601
Sampled By: S. Neil
C.O.C. Number: BP-VPB-072701

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 7/26/01
Time: 1530
Method: Direct Pour/Fill

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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: Groundwater
Equipment Used: Hydropunch
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s):

Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-51
QA Sample Type:

Sample ID Number: BP-TB-073001
Sampled By: S. Neil
C.O.C. Number: BP-VPB-080101

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 7/30/01
Time: 0900
Method: NA *

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

* Lab supplied

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-51
QA Sample Type:

[] Trip Blank
[] Source Water Blank

Sample ID Number: BP-RB-080101
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-080101

[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 8/1/01
Time: 1015
Method: Direct Flow

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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: Groundwater
Equipment Used: Hydropunch
Equipment Type:

[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s): Scott A. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-51
QA Sample Type:

Sample ID Number: BP-TB-080101
Sampled By: S. Nfil
C.O.C. Number: BP-VPB-080301

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 8/1/01
Time: 1145
Method: NA *

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Lab supplied.

Signature(s):

CHAIN OF CUSTODY RECORD

BP-VPB-072001

PROJECT NO.: N4037-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml Vials VOCs						REMARKS
1	7/18/01	1145		X	BP-VPB-51-052053	1	1						Insufficient volume recovered for 2 vials
2	7/18/01	1400		X	BP-VPB-51-101102	1	1						"
3	7/18/01	1605		X	BP-VPB-51-151152	1	1						"
4	7/18/01	1620		X	BP-RB-071801	2	2						Rinsate Blank
5	7/16/01	1202		X	BP-TB-071801	2	2						Lab supplied Trip Blank.
6	7/19/01	1330		X	BP-VPB-51-202203	2	2						
7	7/19/01	1010		X	BP-VPB-51-DM200	2	2						Drilling Mud sample
8	7/19/01	1525		X	BP-VPB-51-222223	2	2						
9	7/19/01	1705		X	BP-VPB-51-241242	2	2						
10	7/20/01	0005		X	BP-VPB-51-261262	2	2						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped via Laboratory Courier	

(0498)

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER BP- 072401 | PAGE 1 OF 1

PROJECT NO: N4037	SITE NAME: NWIRP BETHPAGE	PROJECT MANAGER AND PHONE NUMBER: DAVID BERNYAK (412) 921-8375	LABORATORY NAME AND CONTACT: STL VERONICA BOAROT
SAMPLERS (SIGNATURE): Scott W. Neil		FIELD OPERATIONS LEADER AND PHONE NUMBER: SCOTT NEIL (412) 951-7784	ADDRESS: 450 WILLIAM PITT WAY
		CARRIER/WAYBILL NUMBER	CITY, STATE: PITTSBURGH, PA 15238

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

DATE YEAR 2001	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	TOC (WATER BLANK)	VOCS	TOTAL SOLIDS	TCLP Cd + Cr	VOCS (TRIP BLANK)				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)						G	G	G	G	G				
PRESERVATIVE USED						4°C	4°C	4°C	4°C	HCl/4°C				
7/19	1030	BP-VPB-51-200201	SOIL	G	1	X								
7/24	0842	BP-VPB-51-340	SOIL	G	1	X								
7/24	1715	BP-IDW-ROLLOFF #15	SOIL	G	2		X	X	X					
7/24	1710	BP-TB-072401	AQ	G	2					X				TRIP BLANK

1. RELINQUISHED BY Scott W. Neil	DATE 7/24/01	TIME 1900	1. RECEIVED BY FED EX	DATE 7/24/01	TIME 1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

3/99 FORM NO. TINUS 001

CHAIN OF CUSTODY RECORD

COC # BP-VPB-072501

PROJECT NO.: N4037

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. Reid

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	7/23/01	0915		X	BP-TB-072301	2	X						LAB-SUPPLIED TRIP BLANK
2	↓	1235		X	BP-VPB-51-282283	2	X						
3	↓	1435		X	BP-VPB-51-301302	2	X						
4	↓	1623		X	BP-VPB-51-321322	2	X						
5	↓	0000		X	BP-VPB-51-DUP1	2	X						DUPLICATE OF BP-VPB-51-282283
6	7/24/01	1005		X	BP-VPB-51-341342	2	X						
7	↓	1152		X	BP-VPB-51-361362	1	X						INSUFFICIENT VOLUME FOR 2 VIALS.
8	↓	1402		X	BP-VPB-51-381382	1	X						↓
9	↓	1610		X	BP-VPB-51-402403	2	X						
10	↓	0000		X	BP-VPB-51-DUP2	2	X						DUPLICATE OF BP-VPB-51-402403
11	7/25/01	1134		X	BP-VPB-51-421422	2	X						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott W. Reid	7/25/01 1300	NOVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0408)

VPB51 D-68

CHAIN OF CUSTODY RECORD

COC#: BP-VPB-072701

PROJECT NO.: N4037

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. Neil

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	7/25/01	1215		x	BP-TB-072501	2	x						LAB-SUPPLIED TRIP BLANK
2	↓	1905		x	BP-VPB-51-441442	2	x						
3		1710		x	BP-VPB-51-461462	2	x						
4	↓	0000		x	BP-VPB-51-DUP3	2	x						DUPLICATE OF BP-VPB-51-461462
5	7/26/01	1140		x	BP-VPB-51-481482	2	x						
6	↓	1530		x	BP-RB-072601	2	x						RINSATE BLANK
7	↓	1735		x	BP-VPB-51-511512	2	x						
8	7/27/01	1004		x	BP-VPB-51-521522	2	x						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
Scott W. Neil	7/27/01 1300	NOVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

CHAIN OF CUSTODY RECORD

COC#: BP-VPB-080101

PROJECT NO.: N4037

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. Reid

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	7/30/01	0900		X	BP-TB073001	2	X						TRIP BLANK
2	7/31/01	1715		X	BP-VPB-51-541542	1	X						ONLY ENOUGH VOLUME FOR ONE VIAL
3	7/31/01	1158		X	BP-VPB-51-562563	1	X						
4	7/31/01	1402		X	BP-VPB-51-580581	1	X						
5	7/31/01	1605		X	BP-VPB-51-601602	1	X						
6	8/1/01	1000		X	BP-VPB-51-620621	2	X						
7	8/1/01	0000		X	BP-VPB-51-DUP4	2	X						DUPLICATE OF BP-VPB-51-620621
8	8/1/01	1015		X	BP-RB-080101	2	X						RINSATE BLANK

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott W. Reid	8/1/01 1300	NOVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

VPB51 D-70

CHAIN OF CUSTODY RECORD

COC#: BP-VPB-080301

PROJECT NO.:	SITE NAME:
N4037	NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	8/1/01	1145		x	BP-TB080101	2	x						TRIP BLANK
2	8/1/01	1200		x	BP-VPB-51-641642	2	x						
3	8/2/01	0957		x	BP-VPB-51-701702	2	x						
4	8/2/01	1330		x	BP-VPB-51-721722	2	x						
5	8/2/01	1655 ~~1755~~	(GNW)	x	BP-VPB-51-782783	2	x						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
Scott W. [illegible]	8/3/01 1300	NOVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

VPB51 D-71

(0498)

4037-NWIRP BETHPAGE
SOIL DATA
STL-PGH
SDG: BP022

SAMPLE NUMBER:	BP-IDW-ROLLOFF#15	BP-VPB-51-200201	BP-VPB-51-340	
SAMPLE DATE:	07/24/01	07/19/01	07/24/01	/ /
LABORATORY ID:	C1G260129003	C1G260129001	C1G260129002	
QC_TYPE:	NORMAL	NORMAL	NORMAL	
% SOLIDS:	82.0 %	82.0 %	80.0 %	100.0 %
FIELD DUPLICATE OF:				

	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE
INORGANIC PARAMETERS												
CARBON(%)												
CARBON(MG/KG)				61	U		62.2	U				
TOTAL SOLIDS(%)	82.3											

VPB51 D-72

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:213738.01 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/18/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-052053, 1145

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	2
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

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:213738.02 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/18/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-101102, 1400

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	2			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:213738.03 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/18/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-151152, 1605

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	2
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213738.04 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/18/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-RB-071801, 1620

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:213738.05 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/16/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-TB-071801, 1202

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:213738.06 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-202203, 1330

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	28	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	110	Trichloroethene	ug/L	2
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	32			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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

LAB NO:213738.07 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-DM200, 1010

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	18	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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

LAB NO:213738.08 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-222223, 1525

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	2
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	10
1,1 Dichloroethane	ug/L	2
1,2 Dichloroethene	ug/L	30
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	15
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	790
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	2

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	30

cc:

REMARKS:

DIRECTOR

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LAB NO:213820.01 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-222223*, 1525

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<20	Ethyl Benzene	ug/L	<20
Vinyl Chloride	ug/L	<20	Styrene	ug/L	<20
Chloroethane	ug/L	<20	o Xylene	ug/L	<20
Methylene Chloride	ug/L	<20	m + p Xylene	ug/L	<40
Acetone	ug/L	<200	Xylene	ug/L	<60
Carbon disulfide	ug/L	<20	Bromomethane	ug/L	<20
1,1 Dichloroethene	ug/L	<20	ter.ButylMethylEther	ug/L	<20
1,1 Dichloroethane	ug/L	<20	Freon 113	ug/L	<20
1,2 Dichloroethene	ug/L	30	Trichlorofluomethane	ug/L	<20
Chloroform	ug/L	<20	Dichlordifluomethane	ug/L	<20
1,2 Dichloroethane	ug/L	<20	c-1,3Dichloropropene	ug/L	<20
2-Butanone	ug/L	<200	t-1,3Dichloropropene	ug/L	<20
111 Trichloroethane	ug/L	<20	Trichloroethene	ug/L	35
Carbon Tetrachloride	ug/L	<20			
Bromodichloromethane	ug/L	<20			
1,2 Dichloropropane	ug/L	<20			
112 Trichloroethane	ug/L	<20			
Benzene	ug/L	<20			
Bromoform	ug/L	<20			
4-Methyl-2-Pentanone	ug/L	<200			
2-Hexanone	ug/L	<200			
Tetrachloroethene	ug/L	700			
Toluene	ug/L	<20			
1122Tetrachloroethan	ug/L	<20			
Chlorobenzene	ug/L	<20			

cc:

REMARKS: * Sample was reanalysized at client's request, Lab #213738.08.

DIRECTOR

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LAB NO:213738.09 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-241242, 1705

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	300	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	9	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	4	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	1100	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	830
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	900			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213820.02 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/19/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-241242*, 1705

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<20	Ethyl Benzene	ug/L	<20
Vinyl Chloride	ug/L	300	Styrene	ug/L	<20
Chloroethane	ug/L	<20	o Xylene	ug/L	<20
Methylene Chloride	ug/L	<20	m + p Xylene	ug/L	<40
Acetone	ug/L	<200	Xylene	ug/L	<60
Carbon disulfide	ug/L	<20	Bromomethane	ug/L	<20
1,1 Dichloroethene	ug/L	<20	ter.ButylMethylEther	ug/L	<20
1,1 Dichloroethane	ug/L	<20	Freon 113	ug/L	<20
1,2 Dichloroethene	ug/L	970	Trichlorofluomethane	ug/L	<20
Chloroform	ug/L	<20	Dichlordifluomethane	ug/L	<20
1,2 Dichloroethane	ug/L	<20	c-1,3Dichloropropene	ug/L	<20
2-Butanone	ug/L	<200	t-1,3Dichloropropene	ug/L	<20
111 Trichloroethane	ug/L	<20	Trichloroethene	ug/L	830
Carbon Tetrachloride	ug/L	<20			
Bromodichloromethane	ug/L	<20			
1,2 Dichloropropane	ug/L	<20			
112 Trichloroethane	ug/L	<20			
Benzene	ug/L	<20			
Bromoform	ug/L	<20			
4-Methyl-2-Pentanone	ug/L	<200			
2-Hexanone	ug/L	<200			
Tetrachloroethene	ug/L	910			
Toluene	ug/L	<20			
1122Tetrachloroethan	ug/L	<20			
Chlorobenzene	ug/L	<20			

cc:

REMARKS: * Sample was reanalysized at client's request, Lab #213738.09.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213738.10 08/06/01

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
COLLECTED BY: Client DATE COL'D:07/20/01 RECEIVED:07/20/01

SAMPLE: Water sample, BP-VPB-51-261262, 0955

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	5
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	11
Toluene	ug/L	1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	6

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213818.01 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-TB-072301, 0915

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:213818.02 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-282283, 1235

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	2			
Toluene	ug/L	2			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:213818.03 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-301302, 1435

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	49	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	110
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	220			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:213818.04 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-321322, 1623

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	2	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	4	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	2	Trichloroethene	ug/L	83
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	150			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213818.05 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/23/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-DUP1, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213818.06 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-341342, 1005

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	7	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	13
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	12			
Toluene	ug/L	2			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:213818.07 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-361362, 1152

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	12	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	3			
Toluene	ug/L	3			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213818.08 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-381382, 1402

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	2			
Toluene	ug/L	4			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213818.09 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-402403, 1610

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	3
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	2
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	6

cc:

REMARKS:

DIRECTOR

rn= 22006 VPB51 D-93

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213818.10 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/24/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-DUP2, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	3	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	5
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213818.11 07/30/01

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
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/25/01

SAMPLE: Water sample, BP-VPB-51-421422, 1134

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213892.01 08/01/01

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
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-TB-072501, 1215

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213892.02 08/01/01

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
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-441442, 1505

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	2

cc:

REMARKS:

DIRECTOR

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:213892.03 08/01/01

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
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-461462, 1710

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	3	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	17	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	2	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	25
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	2			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

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LAB NO:213892.04 08/01/01

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
COLLECTED BY: Client DATE COL'D:07/25/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-DUP3, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	3	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	19	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	2	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	27
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	2			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

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LAB NO:213892.05 08/01/01

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
COLLECTED BY: Client DATE COL'D:07/26/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-481482, 1140

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Reanalyzed from second vial to confirm results.

DIRECTOR

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LAB NO:213892.06 08/01/01

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
COLLECTED BY: Client DATE COL'D:07/26/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-RB-072601, 1530

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

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LAB NO:213892.07 08/01/01

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
COLLECTED BY: Client DATE COL'D:07/26/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-511512, 1735

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	11	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	27
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

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LAB NO:213892.08 08/01/01

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
COLLECTED BY: Client DATE COL'D:07/27/01 RECEIVED:07/27/01

SAMPLE: Water sample, BP-VPB-51-521522, 1004

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	16	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

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

LAB NO:213966.01 08/07/01

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
COLLECTED BY: Client DATE COL'D:07/30/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-TB073001, 0900

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

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LAB NO:213966.02 08/07/01

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
COLLECTED BY: Client DATE COL'D:07/30/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-541542, 1715

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	3	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	11	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	5
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	10			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

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LAB NO:213966.03 08/07/01

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
COLLECTED BY: Client DATE COL'D:07/31/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-562563, 1158

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	2
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	6
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	6
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	3

cc:

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LAB NO:213966.04 08/07/01

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
COLLECTED BY: Client DATE COL'D:07/31/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-580581, 1402

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	4
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	5
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	3

cc:

REMARKS:

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LAB NO:213966.05 08/07/01

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
COLLECTED BY: Client DATE COL'D:07/31/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-601602, 1615

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	2			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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:213966.08 08/07/01

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
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-620621, 1000

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:213966.06 08/07/01

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
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-VPB-51-DUP4, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213966.07 08/07/01

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
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/01/01

SAMPLE: Water sample, BP-RB-08101, 1015

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR_____

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214020.01 08/08/01

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
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-TB080101, 1145

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214020.02 08/08/01

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
COLLECTED BY: Client DATE COL'D:08/01/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-VPB-51-641642, 1200

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214020.03 08/08/01

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
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-VPB-51-701702, 0957

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:214020.04 08/08/01

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
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-VPB-51-721722, 1230

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	2			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214020.05 08/08/01

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
COLLECTED BY: Client DATE COL'D:08/02/01 RECEIVED:08/03/01

SAMPLE: Water sample, BP-VPB-51-782783, 1655

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

403: VIRP BETHPAGE
SOIL DATA
STL-PGH
SDG: BP023

SAMPLE NUMBER:	BP-VPB-50-240	BP-VPB-50-340		
SAMPLE DATE:	09/18/01	09/19/01	/ /	/ /
LABORATORY ID:	C1I210150001	C1I210150002		
QC_TYPE:	NORMAL	NORMAL		
% SOLIDS:	82.0 %	77.0 %	100.0 %	100.0 %
FIELD DUPLICATE OF:				

	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE
INORGANIC PARAMETERS												
TOTAL ORGANIC CARBON(MG/KG)	540			16300								

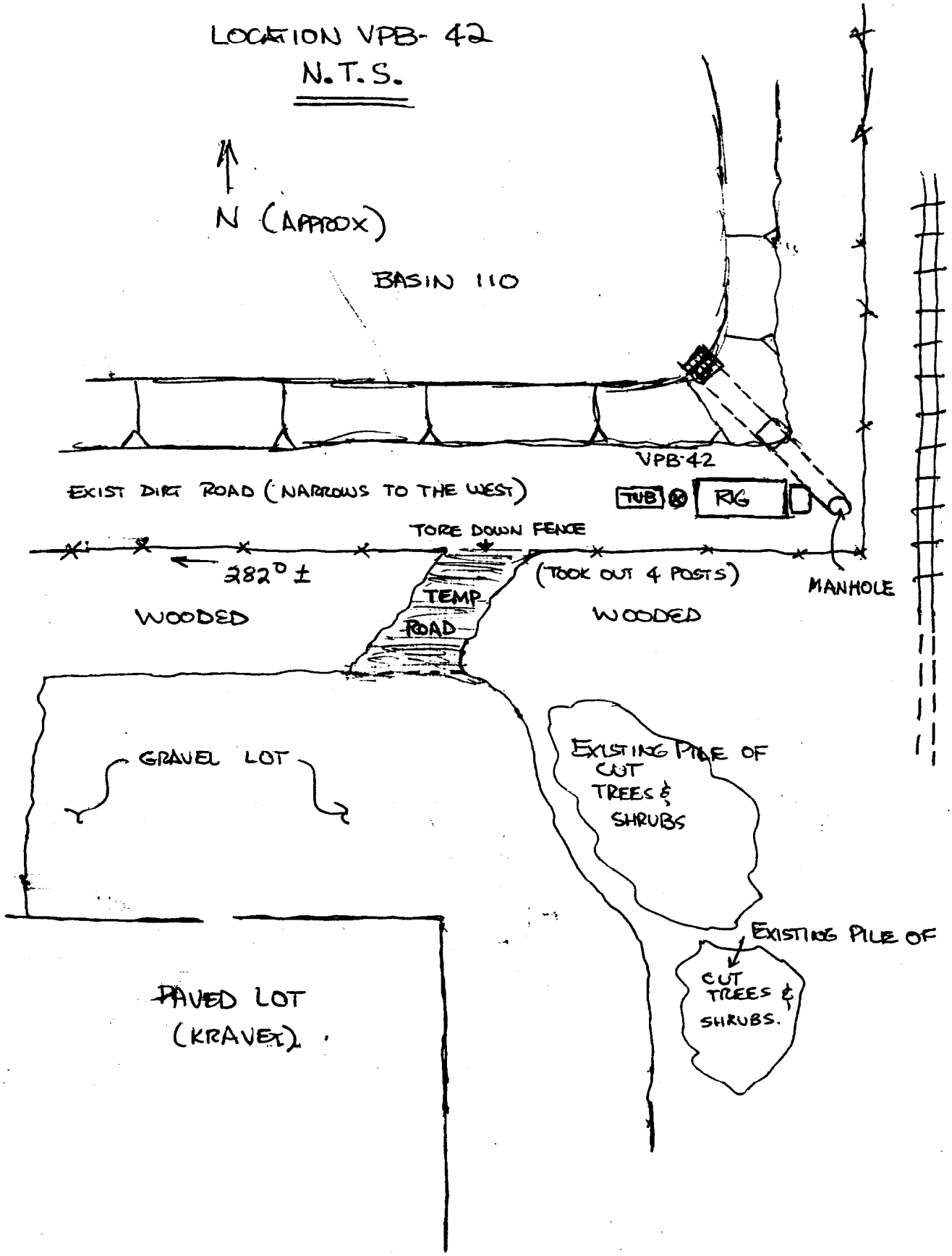
VPB51 D-117

Appendix E

VPB-42

2

LOCATION VPB-42
N.T.S.



VPB42 E-1

SJC 4/2/02

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-42
DATE: 4-3-02
GEOLOGIST: CONTI
DRILLER: JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0				LOOSE	GRAY BRN	SILTY SAND - ROOTS	SM	MOIST	0	0	0	0
									(FROM CUTTINGS)				
	10								SOME CLAY NOTICED IN CUTTINGS				
	20				DENSE		SAND - SOME GRAVEL	SP GW	(FROM CUTTINGS) TR CLAY IN CUTTINGS	0	0	0	0
	30												
	40					BRN	SILTY SAND - TR GRAVEL & CLAY	SM SP	(FROM CUTTINGS)	0	0	0	0
	50												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 3.5

Remarks: 8" Φ MUD ROT TO

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

VPB42 E-2

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-42
DATE: 4/3/02
GEOLOGIST: CONTI
DRILLER: J. JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @	50	10/12	1.5/2		DENSE	DK GRAY	SILTY SAND - TOP 6"	SM	WET - MICA	0	0	0	0
845	52	15/22				TO ORG	LAMINATED W/ BLACK		DRIVE HP-1 @ 0850				
	53			HP-1 @ 0950		BRN	STREAKS		TOOK BP-VPB-42				
									@ 0950 052053				
	60								1 VIAL ONLY.				
	70					BRN	SAME	SM		0	0	0	0
	80												
	90					GRAY BRN	SAME	SM		0	0	0	0
	100												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 3.5

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

VPB42 E-3

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-42
DATE: 4-3-02
GEOLOGIST: CONTI
DRILLER: JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-2 @	100	7/9	1.8/2		DENSE	BRN	F/M SAND	SM	WET / MICA	2	0	0	0
1045	102	19/22		HP-2 @ 1150				/SP	DRIVE HP-2 @ 1050 HRS				
	↓ 103								TOOK BP-VPB-42-102103 @ 1150				
	110												
	120						SAME	SM		0	0	0	0
								/SP					
	130												
	140						SAME	SM		0	0	0	0
								/SP					
									SOME CLAY IN CUTTINGS				
	150								SEE S-3				

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 3.5

Remarks: SET 6" TEMP PVC CAS TO 140' ON 4/3/02

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

VPB42 E-4

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 42
DATE: 4-3-02
GEOLOGIST: CONTI
DRILLER: JESTER

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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
				150									
S-3 @	150	9/16	1.8/2	151	M STIFF	BRN GRAY	SANDY CLAY	SC	WET - MICA	2	0	0	0
1350	152	21/22		HP-3 @ 1500	DENSE	OLIVE BRN	SILTY F/M SAND	SM	DRIVE HP-3 @ 1400 HRS				
	153												
									TOP 1' OF S-3 WAS CLAY				
	160								THEN SAND				
									TOOK BP-VPB-42-152153 @ 1500 ALSO DUP1 BP-VPB-42-DUP1				
	170						SILTY F/M SAND	SM	(CUTTINGS)	0	0	0	0
	180												
	190						SAME.	SM	(CUTTINGS)	0	0	0	0
									TOOK DM SAMPLE ±200' BP-VPB-42-DM200				
	200												

* 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): 3.5

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-42
DATE: 4/4/02
GEOLOGIST: CONTI
DRILLER: JESTER

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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
S-4 @	200	9/10	1.8/2		M DENSE	ORANGE BRN	SILTY F/M SAND -	SM	WET/MICA	0	0	0	0
0830	202	11/15		HP-4 @ 0935		W/ GRAY	FEW THIN CLAY SEAMS (1" OR LESS)		CLAY IS (CL) DRIVE HP-4@				
	↓ 203						BOTTOM OF SPOON WAS SAND		0835 HRS TOOK				
									BP-VPB-42-202203				
	210								@ 0935				
S-5	220	11/19	15/2		DENSE	YELLOW BRN	SILTY F/M SAND	SM	WET/MICA	1	0	0	0
@ 0950	222	25/29		HP-5 @ 1055					DRIVE HP-5@				
	↓ 223								1000 TOOK				
									BP-VPB-42-222223				
									@ 1055 HRS				
	230						SAME						
S-6	240	62/50	1/1		V DENSE	YELLOW BRN	SILTY F/M SAND	SM	WET/MICA	0	0	0	0
@ 1110	241			HP-6 @ 1215					DRIVE HP-6@				
	↓ 242								1115 HRS. TOOK				
									BP-VPB-42-241242				
									@ 1215				
	250												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 3.5

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 42
DATE: 4-4-02
GEOLOGIST: CONTI
DRILLER: JESTER

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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	250						SAME						
				260 ±		ORANG							
S-7	260	17/23	1.5/2		V DENSE	BRN GRAY	SILTY F SAND	SM	WET / MICA	1.3	0	0	0
@ 1245	262	33/39					[MORE FINES		LAMINATED DRIVE HP-7				
	↓ 263			HP-7 @ 1345			OBSERVED S-7]		@ 1250 HRS TOOK				
									BP-VPB-42-262 263				
									@ 1345				
	270												
				280 ±		GRAY TO ORANG							
S-8	280	45/50	1/1		V DENSE		F/M SAND	SM	WET/MICA	0	0	0	0
@ 1405	281					BRN		SP	DRIVE HP-8				
	↓ 282			HP-8 @ 1510					@ 1410 TOOK				
									BP-VPB-42-281 282				
									@ 1510				
	290								NOTICED CLAY				
									IN CUTTINGS ≈ 290				
	300												

* 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): 2.3

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

VPB 42 E-7

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 42
DATE: 4/5/02
GEOLOGIST: CONTI
DRILLER: JESTER

	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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
4/5	S-9 @	300	45/50	1.0/1		V DENSE	TAN ORANG	F/M SAND	SM SP	WET / MICA	0	0	0	0
	0715	301			HP-9 @ 0820		BRN			DRIVE HP-9 @ 0720 HRS				
		302								TOOK BP-VPB-42- 301302 @ 0820				
										2 VIALS GOOD VOLUME				
		310												
	S-10	320	7/10	15/2										
↑	@ 0835	322	18/19		HP-10 @ 0940	DENSE	ORANG BRN	F/M SAND- TR CLAY STRINGERS TR SILT	SM /SP	WET / MICA	0	0	0	0
4/5		323								DRIVE HP-10 @ 0840 HRS				
4/8										TOOK BP-VPB-42- 322323 @ 0940 HRS				
↓		330												
	S-11	340	54/50	1/1			GRAY							
	@ 0930	341			HP-11 @ 1035	DENSE	YELLOW BRN	F/M SAND	SM /SP	DRIVE HP-11 @ 0935	0	0	0	0
		342								TOOK BP-VPB-42- 341342 @ 1035				
										(2 VIALS)				
		350								[TOOK DUP 2]				

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 2.5

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-42
DATE: 4-8-02
GEOLOGIST: CONTI
DRILLER: JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	350						F/M SAND	SM/SP					
S-12	360	45/50	1/1										
@ 1105	361				V DENSE	GRAY BRN	F/M SAND - TR CLAY ≈ 360.5	SM/SP	WET / MICA	0	0	0	0
	362			HP-12 @ 1215					DRIVE HP 12 @ 1115 HRS TOOK BP-VPB-42 - @ 1215 361/362				
	370												
							SAME						
									S-13				
S-13	380	13/15	1.8/2	380					APPEARS TO HAVE MORE FINES.				
@ 1240	382	24/27		HP-13 @ 1345	V DENSE	GRAY	SILTY F/M SAND	SM	WET / MICA	0	0	0	0
	383								DRIVE HP-13 @ 1245 HRS TOOK BP-VPB-42 - @ 1345 382/383				
	390								(1 VIAL ONLY)				
							SAME						
	400												

* 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): 2.5

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 42
DATE: 4/8/02 & 4/9/02
GEOLOGIST: CONTI
DRILLER: JESTER

	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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
4/8	S-14	400	27/54	1/1		V DENSE	GRAY	SILTY F/M SAND	SM	WET MICA	0	0	0	0
↑	@ 1410	401			HP-14 @ 1515					DRIVE HP-14 @ 1415 HRS				
4/8		↓ 402								TOOK BP-VPB-42- 401402				
4/9										@ 1515				
↓		410								(1 VIAL)				
	S-15	420	45/55	1/1						MICA				
	@ 0745	421			HP-15 @ 0855	V DENSE	GRAY	F/M SAND - TR SILT	SM/SP	MOIST → WET DRIVE HP-15 @ 0755	0	0	0	0
		↓ 422								TOOK BP-VPB-42- 421422				
										@ 0855 (1 VIAL)				
		430												
	S-16	440	48/50	.8/1										
	@ 0910	441			HP-16 @ 1020	V DENSE	GRAY	F/M SAND - TR LIGNITE	SM/SP	WET / MICA	0	0	0	0
		↓ 442								DRIVE HP-16 @ 0920 HRS.				
										TOOK BP-VPB-42- 441442				
										@ 1020 HRS				
		450								(2 VIALS)				

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 2.5

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

VPB 42 E-10

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-42
DATE: 4/9/02
GEOLOGIST: CONTI
DRILLER: JESTER

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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	450				V DENSE	GRAY	F/M SAND - TR	SM	WET / MICA				
							LIGNITE	SP					
S-17	460	49/50	-8/1										
@ 1050	461				V DENSE	GRAY	F/M SAND - TR	SM	WET / MICA	0	0	0	0
	462			HP-17 @ 1200			LIGNITE - TR CLAY ≈ 460.5		LIGNITE IS DGRAY TO BLK				
									DRIVE HP-18 @ 1100 HRS				
									TOOK BP-VPB-42- 461462				
	470								@ 1200 HRS				
							SAME						
S-18	480	48/60	8/1										
@ 1225	481				V DENSE	GRAY	F/M SAND - TR	SM	WET / MICA	0	0	0	0
	482			HP-18 @ 1335			SILT NO SIGN OF LIGNITE	SP	DRIVE HP-18 @ 1235				
									TOOK BP-VPB-42- 481482				
	490								@ 1335				
							SAME						
	500												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 2.5

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #:

VPB42 E-11

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-42
DATE: 4/9/02 & 4/10/02
GEOLOGIST: CONTI
DRILLER: JESTER

	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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-19 @ 1355	500	51/54	.7/1		V DENSE	GRAY	F/M SAND	SM/SP	WET/MICA	0	0	0	0
		501			HP-19 @ 1500					DRIVE HP-19 @ 1400 HRS TOOK BP-VPB-42-501502 @ 1500				
4/9		502												
4/10														
		510												
	S-20	520		.5/1	520									
	@ 0835	521	49/50			V DENSE	GRAY	F/M SAND - TR COARSE SAND	SP/SW	WET/MICA	0	0	0	0
		522			HP-20 @ 0945					DRIVE HP-20 @ 0845 TOOK BP-VPB-42-521522 @ 0945 (2 VIALS) NO PARAM.				
		530												
	S-21	540												
	@ 1020	541	49/54	.7/1		V DENSE	TAN BRN	F/M SAND	SP	WET/MICA	0	0	0	0
		542			HP-21 @ 1155					DRIVE HP-21 @ 1045 TOOK BP-VPE-42-541542 @ 1155. (2 VIALS)				
		550												

* When rock coring, enter rock brokeness.

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

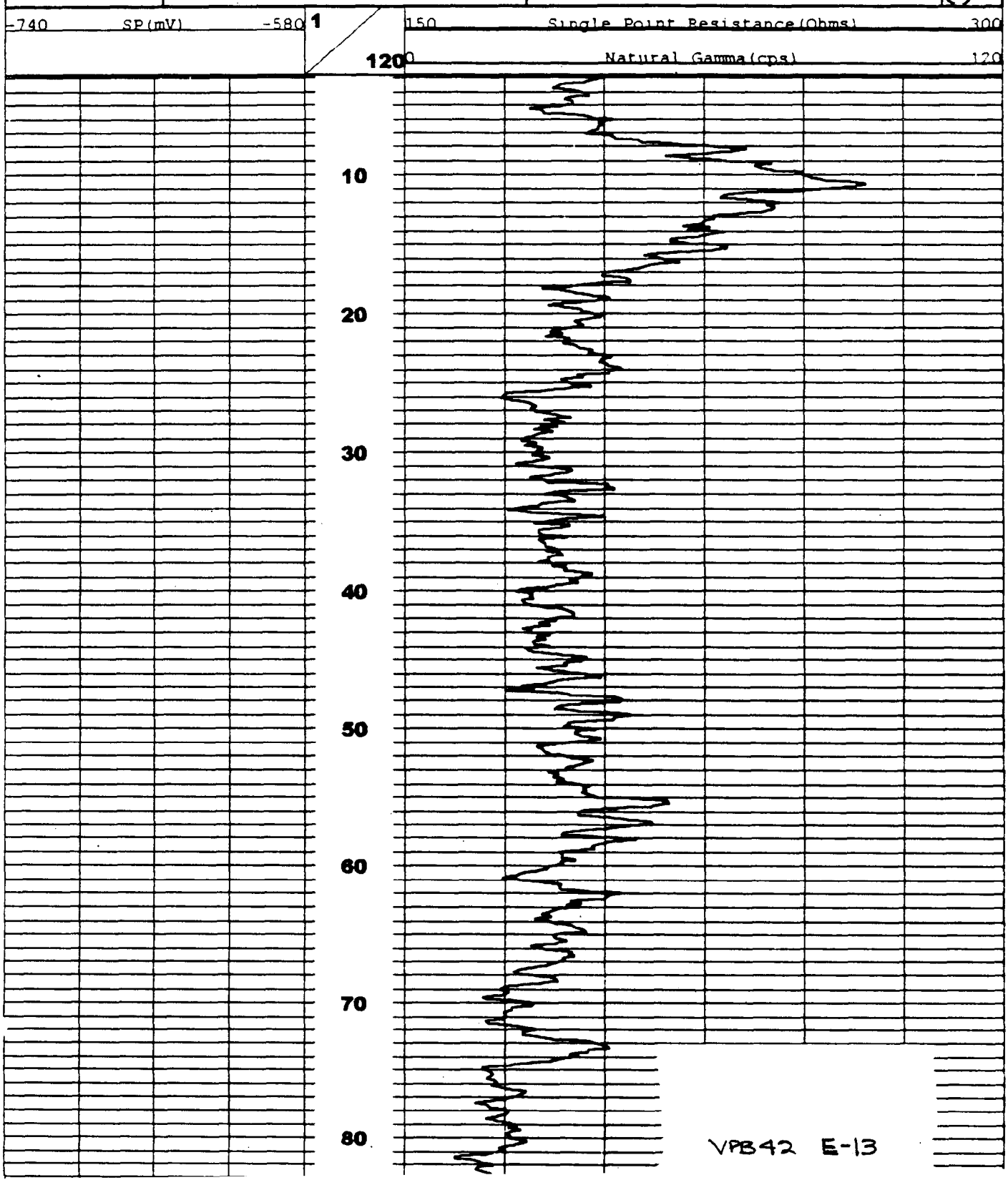
Drilling Area Background (ppm): 0.0

Remarks:

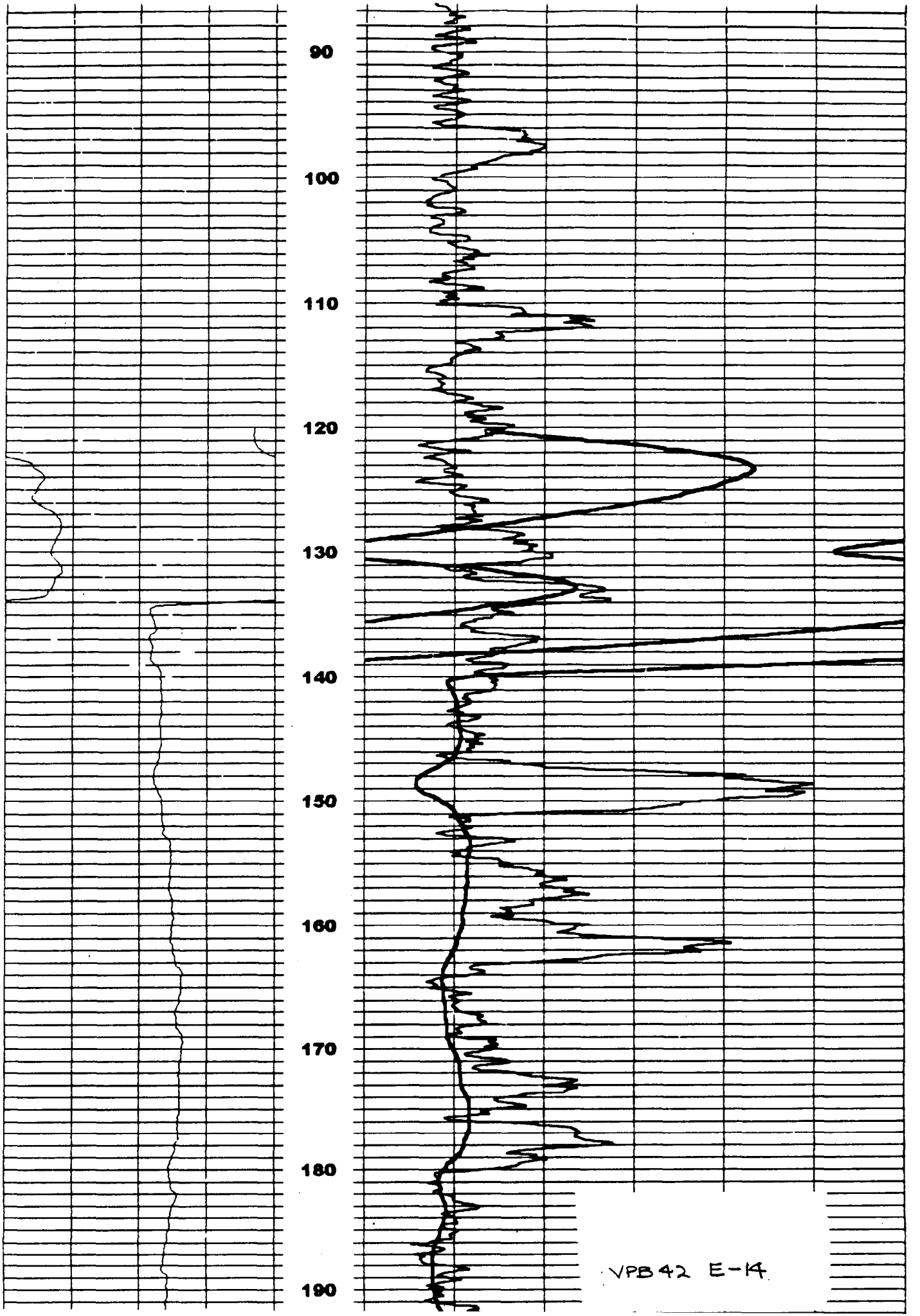
Converted to Well: Yes ____ No ✓ Well I.D. #: ____

VPB42 E-12

	COMPANY: UNI TECH DRILLING				Casing
	Location: N. C. STORM BASIN 110				
Well	NWIRP VPB-42			Depth Driller 540' bgs Depth Logger 538' bgs	140' 6" PVC
Date	4/10/02	BH Fluid	BENT.	Logged by: Aqua Terra Geo.	
File Name				Witness: S.Conti	



VPB42 E-13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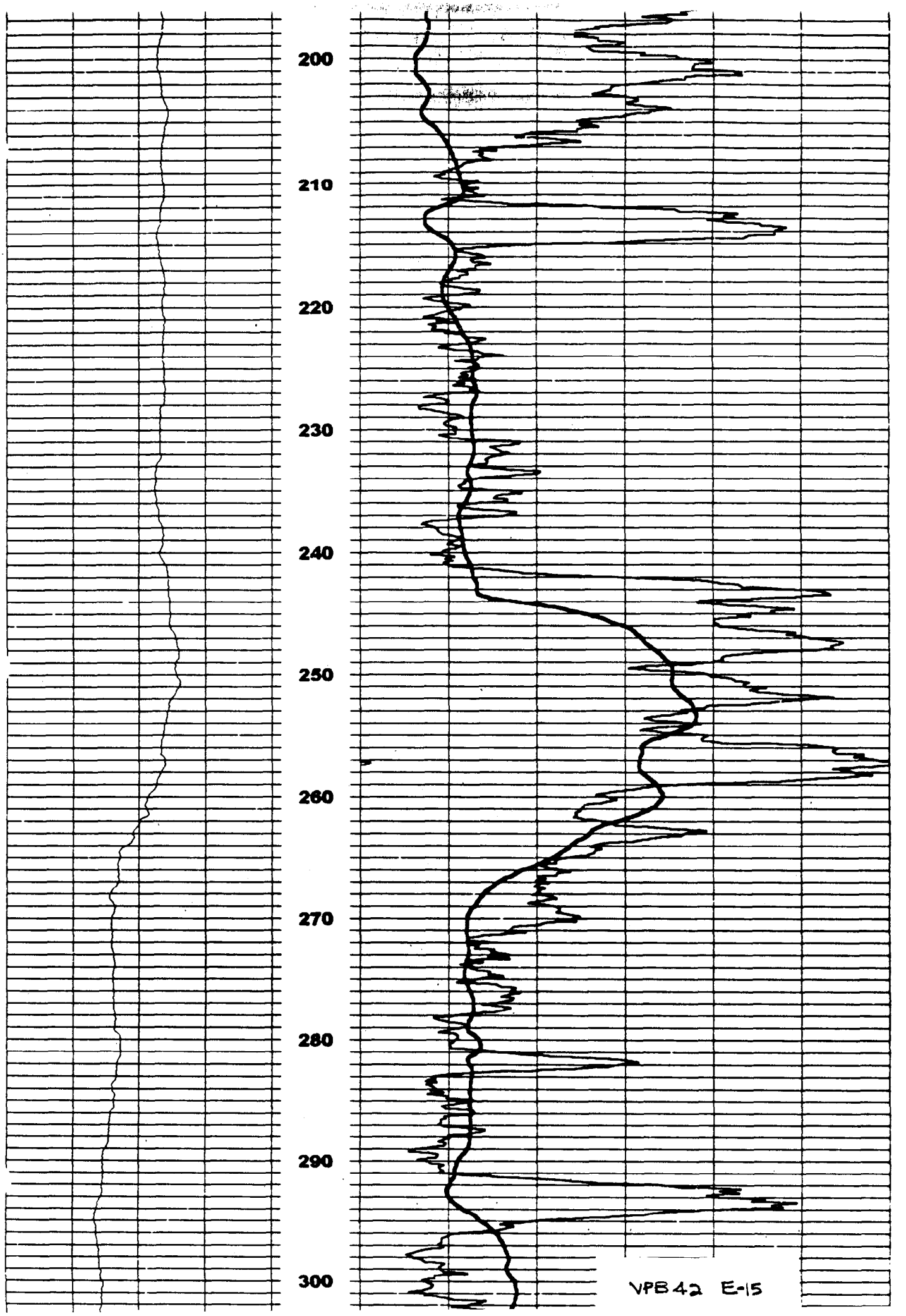
VPB 42 E-14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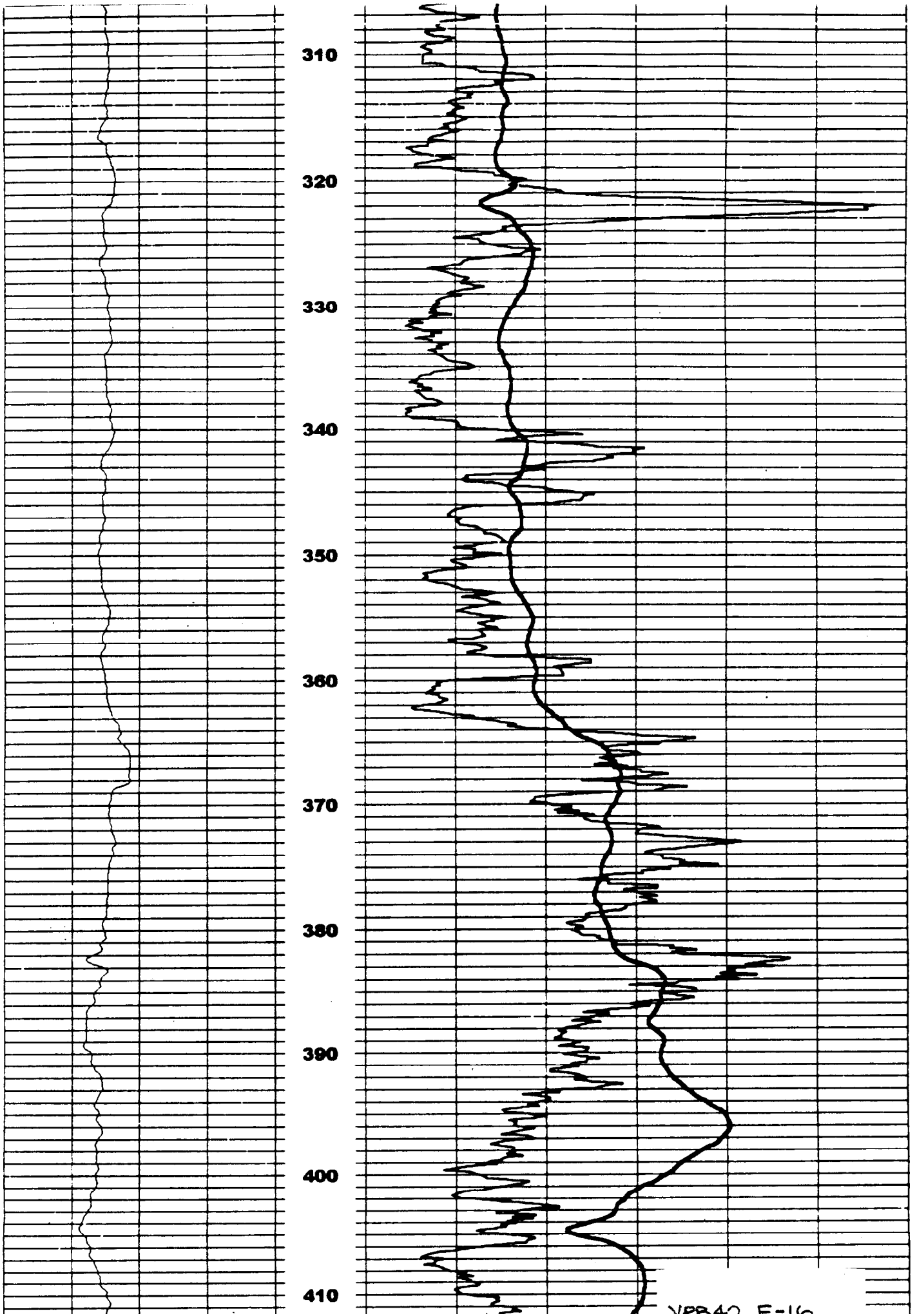
VPB 42 E-15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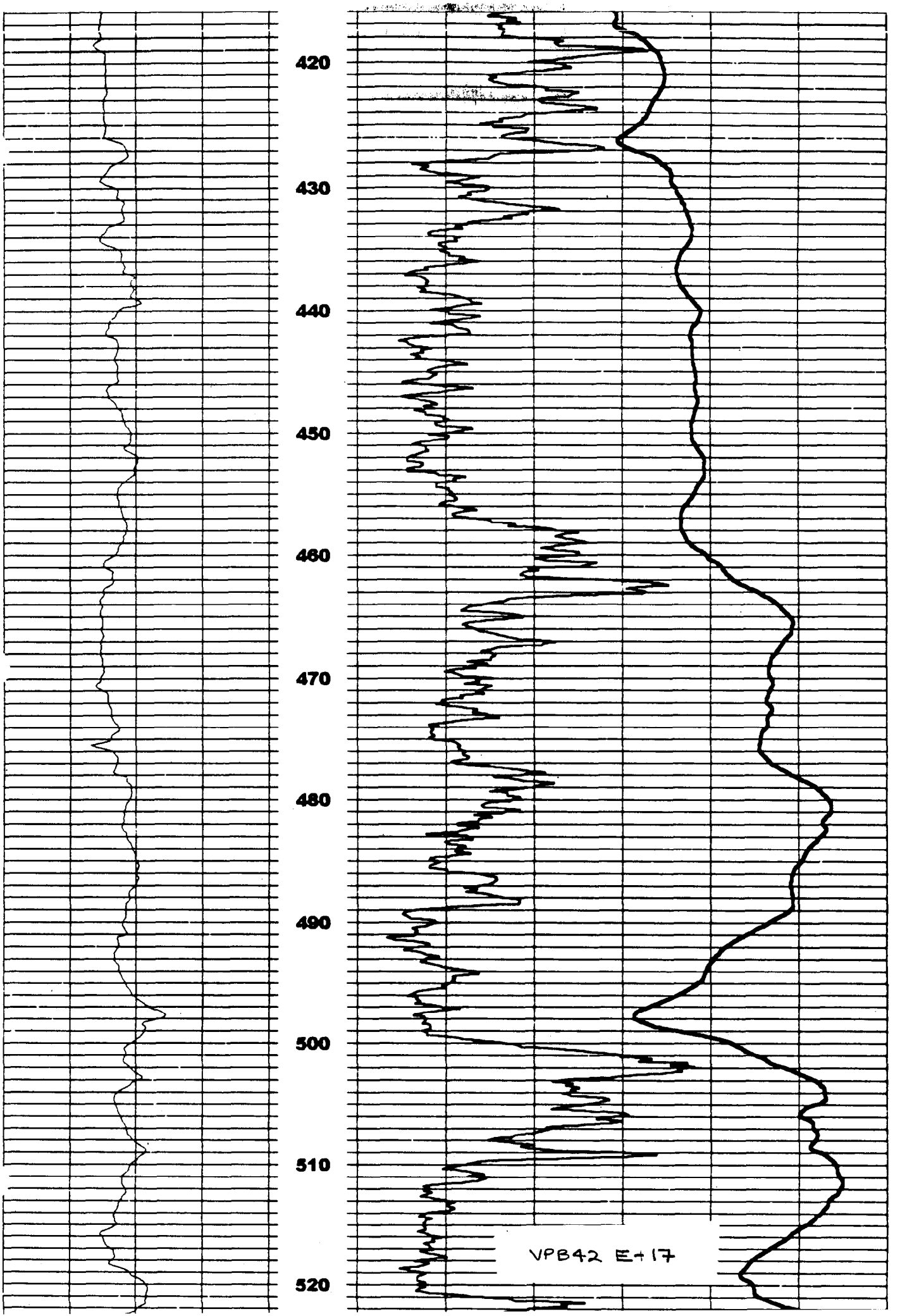
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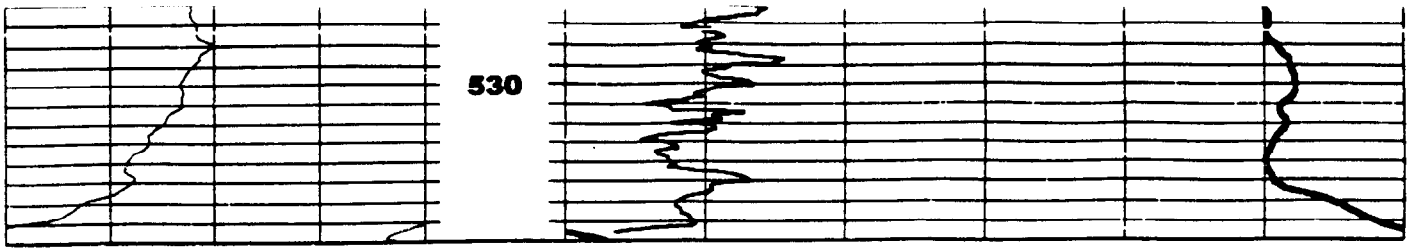
510
520
VPB42 E+17


530

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

052053

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4-3-02								
Time: 0950	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	BRN	—	—	—	—	—	—	—

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 ~~2~~-40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0850 hrs

Sample depth (screened interval) = from 52 to 53 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 52 ft

- 1-VIAL ONLY.
- GW/MUD MIX ?
- NO PARAMETERS.

Circle If Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB42 E-19

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

102103

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/3/02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1150	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	BRN	6.24	1.57	17.4	—	11.80	171	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: 1050 hrs

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

— 2- VIALS
— JUST ENOUGH FOR PARAM.
— TDS = 1.0

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): S. Conti

VPB42 E-20

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-152153
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/3/02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1500	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	BRN	5.74	.495	16.3	—	7.70	155	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1400 hrs

Sample depth (screened interval) = from 152 to 153 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 152 ft

— TDS= .32 g/L
— GOOD SAMPLE - MOSTLY GW.

Circle if Applicable:

MS/MSD

Duplicate ID No.: BP-VPB-42-DUP 1

Signature(s): SJConti

VPB 42 E-21

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-202203
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4/4/02								
Time: 0935	YELL Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	BRN	5.91	.537	12.4	—	10.80	132	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0835 hrs

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

TDS = .34 g/L
GOOD SAMPLE
MOSTLY GW
TURBID. (YELLOW BRN)

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB42 E-22

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

222223

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4-4-02								
Time: 1055	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	BRN	—	—	—	—	—	—	—

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 ~~2~~-40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1000 hrs

Sample depth (screened interval) = from 222 to 223 ft

Screen exposed to formation for 55 minutes

Depth of borehole prior to advancing hydropunch = 222 ft

1 VIAL ONLY.
SAND ON SCREEN
GW/MUD MIX.
SCR EXPOSED 10"

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 42 E-23

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

241242

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-4-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1215	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	BRN	6.78	1.37	12.7	—	4.07	110	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: 1115 hrs

Sample depth (screened interval) = from 241 to 242 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 241 ft

- TDS = 0.9 g/L
- GW/MUD MIX
- TURBID.
- GOOD VOLUME

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB42 E-24

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

262263

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4-4-02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 1345								
Method: HYDROPUNCH	BRN GRAY	6.89	.339	12.1	—	2.82	-32	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	3 2-40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1250 hrs

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

Screen exposed to formation for 55 minutes

Depth of borehole prior to advancing hydropunch = 262 ft

— TDS = 0.22 g/L
— GOOD SAMPLE
— MOSTLY GW w/ TR MUD MIX

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 42 E-25

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-281282
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/4/02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1510	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	GR BRN	6.62	.926	12.1	—	1.96	-26	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1410 hrs
Sample depth (screened interval) = from 281 to 282 ft
Screen exposed to formation for 60 minutes
Depth of borehole prior to advancing hydropunch = 281 ft

— TDS = 0.59 g/L
— GOOD SAMPLE
— GW/MUD MIX

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 42 E-26

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

301302

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4/5/02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Time: 0820								
Method: HYDROPUNCH	GR BRN	6.74	1.37	10.0	—	3.69	141	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: 0720 hrs
Sample depth (screened interval) = from 301 to 302 ft
Screen exposed to formation for 60 minutes
Depth of borehole prior to advancing hydropunch = 301 ft

TDS = 0.9 g/L
— GW/MUD MIX
— GOOD VOLUME
— TURBID

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB42 E-27

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

322323

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42 -
Sample Location: VPB- 42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4-5-02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 0940								
Method: HYDROPUNCH	GRAY BRN	5.92	.282	11.0	231	4.72	168	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0840 hrs

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

- TDS = 0.18 g/L
- GOOD SAMPLE
- MOSTLY GW
- GOOD VOL

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB 42 E-28

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

341342

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4-8-02								
Time: 1035	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	BRN	6.14	.566	11.4	—	4.07	100	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0935 hrs

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

- TDS = 0.36 g/L
- GOOD SAMPLE
- MOSTLY GW.
- TURBID

Circle if Applicable:

MS/MSD

Duplicate ID No.: BP-VPB-42-DUP 2

Signature(s): SJ Conte

VPB 42 E-29

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

361362

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4/8/02								
Time: 1215	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	YELLOW BRN	5.74	.369	12.3	—	2.27	118	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1115 hrs

Sample depth (screened interval) = from 361 to 362 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 361 ft

- TDS = .24 g/L
- GOOD VOLUME
- MOSTLY GW
- TURBID

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 42 E-30

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

382383

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-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/8/02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1345	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	BRN	—	—	—	—	—	—	—

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) ~~2~~ 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1245 hrs

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

TDS = — g/L

- ONLY 1 VIAL
- TURBID
- MOSTLY GW.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 42 E-31

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

401402

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-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/8/02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1515	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	GRAY	—	—	—	—	—	—	—

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) ~~2~~ 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1415 hrs

Sample depth (screened interval) = from 401 to 402 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 401 ft

TDS = — g/L
— ONLY 1 VIAL
— TURBID
— MOSTLY GW.

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB42 E-32

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

421422

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4/9/02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 0855								
Method: HYDROPUNCH	GRAY	—	—	—	—	—	—	—

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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0755 hrs

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

TDS = — g/L

— 1 VIAL ONLY
-- TURBID
-- GW/MUD MIX

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42- 441442
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/9/02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1020	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	GRAY	—	—	—	—	—	—	—

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: 0920 hrs

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

TDS = — g/L

— 2 VIALS - BUT NOT ENOUGH FOR PARAMETERS
— GW/MUD MIX
— TURBID

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB42 E-34

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

461462

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4/9/02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 1200								
Method: HYDROPUNCH	GRAY	6.36	1.06	14.3	—	2.78	146	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1100 hrs

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

— TDS = 0.70 g/L
— TURBID
— GOOD VOLUME
— GW/MUD MIX

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

VPB42 E-35

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

481482

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/9/02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1335	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	GRAY	6.71	.762	14.7	—	1.44	85	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1235 hrs

Sample depth (screened interval) = from 481 to 482 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 481 ft

— TDS = 0.49 g/L
— GOOD VOLUME
— GW/MUD MIX
— TURBID

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conta

VPB42 E-36

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

501 502

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4/9/02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 1500								
Method: HYDROPUNCH	GRAY	6.73	1.36	15.8	—	5.76	120	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: 1400 hrs
Sample depth (screened interval) = from 501 to 502 ft
Screen exposed to formation for 60 minutes
Depth of borehole prior to advancing hydropunch = 501 ft

- TDS = 0.9 g/L
- GOOD VOLUME
- GW/MUD MIX
- TURBID

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB 42 E-37

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

521 522

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42-
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-041002
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/10/02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 0945	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	GRAY	—	—	—	—	—	—	—

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: 0845 hrs

Sample depth (screened interval) = from 521 to 522 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 521 ft

TDS = — g/L

- GOOD SAMPLE
- ONLY ENOUGH FOR 2 VIALS
- MOSTLY GW W/ MUD MIX

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB42 E-38

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

541542

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-42 –
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-041002
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4/10/02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 1155								
Method: HYDROPUNCH	GRAY BRN	—	—	—	—	—	—	—

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: 1045 hrs

Sample depth (screened interval) = from 541 to 542 ft

Screen exposed to formation for 70 minutes

Depth of borehole prior to advancing hydropunch = 541 ft

TDS = — g/L

– MOSTLY GW/ TR MUD MIX
– TURBID
– NOT ENOUGH FOR PARAM.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): S. Conti

VPB42 E-39

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB- 42
Sample ID Number: BP-TB-040302
Sampled By: SJC
C.O.C. Number: BP-VPB- 040302

QA Sample Type:

- [X] Trip Blank
- [ ] Source Water Blank
- [ ] Rinsate Blank
- [ ] Other Blank

SAMPLING DATA:

Date: 4-3-02
Time: 0730
Method: LAB SUPPLIED

WATER SOURCE:

- [X] Laboratory Prepared
- [ ] Purchased
- [ ] Other
- [ ] Tap
- [ ] Fire Hydrant

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	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_3		YES / (NO)
Cyanide	Cool 4°C & NaOH		YES / (NO)

OBSERVATIONS / NOTES:

Signature(s): SJ Conti

VPB42 E-40

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB- 42
QA Sample Type:

Sample ID Number: BP-RB-040302
Sampled By: SJC
C.O.C. Number: BP-VPB-040302

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 4-3-02
Time: 1000
Method: OVER HYDROPUNCH

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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: AQ.
Equipment Used: HYDROPUNCH
Equipment Type:
[] Dedicated
[X] 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_3		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

OBSERVATIONS / NOTES:

Signature(s): SJ Conti

VPB42 E-41

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type: Vertical Profile Boring
[X] QA Sample Type: DRILL MUD

Sample ID No.: BP-VPB-42- DM 200
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity %
Date: 4/4/02								
Time: 0820								
Method: DIRECT FILL	BN	6.74	1.39	12.0	—	11.61	165	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: NA hrs

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

TDS = 0.9 g/L

DRILLING MUD SAMPLE ± 200'

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB42 E-42

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-42
QA Sample Type:

Sample ID Number: BP-TB-040802
Sampled By: SJC
C.O.C. Number: BP-VPB-040802

[] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 4-8-02
Time: 0830
Method: LAB SUPPLIED

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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	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_3		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

OBSERVATIONS / NOTES:

Signature(s): SJ Conti

VPB42 E-43

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB- 42
QA Sample Type:

Sample ID Number: BP-RB-040802
Sampled By: SJC
C.O.C. Number: BP-VPB- 040802

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 4-8-02
Time: 1050
Method: OVER HYDROPUNCH

WATER SOURCE:

[] Laboratory Prepared
[X] Purchased
[] Other
[] Tap
[] Fire Hydrant

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: AQ.
Equipment Used: HYDROPUNCH
Equipment Type:
[] Dedicated
[X] 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_3		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

OBSERVATIONS / NOTES:

Signature(s): SJ Conti

VPB42 E-44

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type: Vertical Profile Boring
[X] QA Sample Type: DRILL & MUD

Sample ID No.: BP-VPB-42-DM500
Sample Location: VPB-42
Sampled By: SJC
C.O.C. No.: BP-VPB-040802
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 4/9/02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 1345								
Method: HYDROPUNCH	GRAY	7.03	1.43	14.6	—	3.74	157	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: — hrs

Sample depth (screened interval) = from — to — ft

Screen exposed to formation for — minutes

Depth of borehole prior to advancing hydropunch = — ft

TDS = 0.9 g/L
DRILL MUD @ 500'±

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conte

VPB42 E-45

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB- 42
QA Sample Type:

Sample ID Number: BP-TB-041002
Sampled By: SJC
C.O.C. Number: BP-VPB- ~~42~~ SJC 041002

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 4-10-02
Time: 0800
Method: LAB SUPPLIES

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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	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_3		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

OBSERVATIONS / NOTES:

Signature(s): SJ Conti

VPB 42 E-46

TL A TECH NUS, INC. CHAIN OF CUSTODY JMBER BP-VPB-010302 PAGE 1 OF

PROJECT NO:	SITE NAME:	PROJECT MANAGER AND PHONE NUMBER	LABORATORY NAME AND CONTACT:
N4037	NWIRP BETHPAGE	D BRAYACK 412 921 8375	ECO TEST
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER	ADDRESS
SJ Conti		SJ CONTI 412 921 8422	
		CARRIER/WAYBILL NUMBER	CITY, STATE
		ECO TEST COURIER.	N BABYLON NY (631 422 5777)

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

CONTAINER TYPE PLASTIC (P) or GLASS (G): G
PRESERVATIVE USED: 4°C HCL
TYPE OF ANALYSIS: VOCs (40 mL VIAL) 4°C G; VOCs (40 mL Vial) 4°C G

VPB-42

DATE YEAR 2002	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	VOCs (40 mL VIAL) 4°C	VOCs (40 mL Vial) 4°C							COMMENTS
4/3	0730	BP-TB-040302	AQ	G	2	2	–							
4/3	0950	BP-VPB-42-052053	GW	G	1	–	1							
4/3	1000	BP-RB-040302	AQ	G	2	–	2							OVER HYDROPUNCH
4/3	1150	BP-VPB-42-102103	GW	G	2	–	2							
4/3	1500	BP-VPB-42-152153	GW	G	2	–	2							
4/3	0000	BP-VPB-42-DUP1	GW	G	2	–	2							DUP OF 152153
4/4	0820	BP-VPB-42-DM200	DM	G	2	–	2							DRILL MUD @ ± 200'
4/4	0935	BP-VPB-42-202203	GW	G	2	–	2							
4/4	1055	BP-VPB-42-222223	GW	G	1	–	1							
4/4	1215	BP-VPB-42-241242	GW	G	2	–	2							
4/4	1345	BP-VPB-42-262263	GW	G	2	–	2							
4/4	1510	BP-VPB-42-281282	GW	G	2	–	2							
4/5	0820	BP-VPB-42-301302	GW	G	2	–	2							
4/5	0940	BP-VPB-42-322323	GW	G	2	–	2							

4/3/02
4/4/02
4/5 VPB42E-67

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY SJ Conti	4/5/02	1200 HRS	1. RECEIVED BY ECO TEST COURIER		
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

3/99
FORM NO. TtNUS-001

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER BP-VPB-040802 | PAGE 1 OF 1

PROJECT NO:	SITE NAME:	PROJECT MANAGER AND PHONE NUMBER	LABORATORY NAME AND CONTACT:
N4037	NWIRP-BETHPAGE	DAVE BRAYACK 412 921 3375	ECO-TEST / DIANE
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER	ADDRESS
SJ Conti		SJ CONTI 412 921 3422	
		CARRIER/WAYBILL NUMBER	CITY, STATE
		ECO TEST COURIER	N BABYLON, NY

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

DATE YEAR 2002	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	VOC (40 ml VIAL)	VOC (40 ml VIAL)							COMMENTS
		VPB-42												
CONTAINER TYPE PLASTIC (P) or GLASS (G)						G	G							
PRESERVATIVE USED						4°C	4°C HCL							
TYPE OF ANALYSIS														
4/8	0830	BP-TB-040802	AQ	G	2	2	—							
4/8	1035	BP-VPB-42-341342	GW	G	2	—	2							
4/8	0000	BP-VPB-42-DUP 2	GW	G	2	—	2							DUP-341342
4/8	1050	BP-RB-040802	AQ	G	2	—	2							
4/8	1215	BP-VPB-42-361362	GW	G	2	—	2							
4/8	1345	BP-VPB-42-382383	GW	G	1	—	1							
4/8	1515	BP-VPB-42-401402	GW	G	1	—	1							
4/9	0855	BP-VPB-42-421422	GW	G	1	—	1							
4/9	1020	BP-VPB-42-441442	GW	G	2	—	2							
4/9	1200	BP-VPB-42-461462	GW	G	2	—	2							
4/9	1335	BP-VPB-42-481482	GW	G	2	—	2							
4/9	1345	BP-VPB-42-DM500	DM	G	2	—	2							
4/9	1500	BP-VPB-42-501502	GW	G	2	—	2							

4/8/02

4/9/02

VPB42-E548

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY SJ Conti	4/10/02	1000	1. RECEIVED BY ECO TEST COURIER		
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTI WHITE (ACCOMPANIES SAMPLE) YELLOW (FIE OPY) PINK (FILE COPY)

3/99
FORM NO. TtNUS-001

T. A TECH NUS, INC. CHAIN OF CUSTODY NUMBER BP-VPB-041002 | PAGE 1 OF _

PROJECT NO:	SITE NAME:	PROJECT MANAGER AND PHONE NUMBER	LABORATORY NAME AND CONTACT:
N4037	NWIRP-BETHPAGE	DAVE BRAYACK 412 921 8375	ECO-TEST / DIANE
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER	ADDRESS
SJ Conti		SJ CONTI 412 721 8422	
		CARRIER/WAYBILL NUMBER	CITY, STATE
		ECO TEST COURIER (PICKUP)	N. BABYLON, NY

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

DATE YEAR 2002	TIME	SAMPLE ID (VPB-42)	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	VOCs (40mL VIAL)	VOCs (40mL VIAL)							COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)						G	G							
PRESERVATIVE USED						4°C	4°C HCL							
4/10	0800	BP-TB-041002	AQ	G	2	2	—							
4/10	0945	BP-VPB-42-521522	GW	G	2	—	2							
4/10	1155	BP-VPB-42-541542	GW	G	2	—	2							

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY SJ Conti	4/11/02	1000	1. RECEIVED BY ECO TEST COURIER		
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

3/99
FORM NO. TtNUS-001

VPB 42-E549

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER BP-VPB-041102 | PAGE 1 OF 1

PROJECT NO:	SITE NAME:	PROJECT MANAGER AND PHONE NUMBER	LABORATORY NAME AND CONTACT:
N4037	NWIRP BETHPAGE	DAVE BRAYACK 412 121 8375	STL LAB
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER	ADDRESS
SJ Conti		SJ CONTI 412 121 8422	450 WILLIAM PILLWAY
		CARRIER/WAYBILL NUMBER	CITY, STATE
		FED EX AB# 8316 7333 1011	PITTSBURGH, PA. 15238

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

CONTAINER TYPE PLASTIC (P) or GLASS (G): G, G

PRESERVATIVE USED: ACC, ACC

TYPE OF ANALYSIS: VOCs (AQUA VIAL), VOCs (AQUA SAR)

DATE YEAR 2002	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	VOCs (AQUA VIAL)	VOCs (AQUA SAR)							COMMENTS
4/11	0845	BP-TB-041102	AQ	G	2	2	—							
4/11	0900	BP-BENT-POWD	BENT	G	2	—	2							BENTONITE POWDER USED FOR DRILL MUD.

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
SJ Conti	4/11/02	1200	FED EX		
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUT WHITE (ACCOMPANIES SAMPLE) YELLOW (FIE OPY) PINK (FILE COPY)

3/99
FORM TtNUS-001

VPB 42-E-50

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.221536.01 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:0730
MATRIX:Water SAMPLE: BP-TB-040302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-51

DIRECTOR

rn = 11153 NYSDOH ID # 10320

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.221536.01 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:0730
MATRIX:Water SAMPLE: BP-TB-040302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-52

rn = 11154 NYSDOH ID # 10320

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.221536.02 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:0950
MATRIX:Water SAMPLE: BP-VPB-42-052053

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-53

DIRECTOR

rn = 11155 NYSDOH ID # 10320

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.221536.02 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:0950
MATRIX:Water SAMPLE: BP-VPB-42-052053

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-54

rn = 11156 NYSDOH ID # 10320

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.221536.03 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:1000
MATRIX:Water SAMPLE: BP-RB-040302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-55 DIRECTOR

rn = 11157 NYSDOH ID # 10320

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.221536.03 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:1000
MATRIX:Water SAMPLE: BP-RB-040302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA82(
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-56

DIRECTOR

rn = 11158 NYSDOH ID # 10320

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.221536.04 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:1150
MATRIX:Water SAMPLE: BP-VPB-42-102103

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-57

DIRECTOR

rn = 11159 NYSDOH ID # 10320

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.221536.04 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:1150
MATRIX:Water SAMPLE: BP-VPB-42-102103

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-58

DIRECTOR

rn = 11160 NYSDOH ID # 10320

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.221536.05 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-42-152153

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/09/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/09/02	1	EPA8260
Chloroethane	ug/L	< 1		04/09/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/09/02	1	EPA8260
Acetone	ug/L	< 10		04/09/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/09/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/09/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/09/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/09/02	1	EPA8260
Chloroform	ug/L	< 1		04/09/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/09/02	1	EPA8260
2-Butanone	ug/L	< 10		04/09/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/09/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/09/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/09/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/09/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/09/02	1	EPA8260
Benzene	ug/L	< 1		04/09/02	1	EPA8260
Bromoform	ug/L	< 1		04/09/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/09/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/09/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/09/02	1	EPA8260
Toluene	ug/L	< 1		04/09/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/09/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/09/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-59

rn = 11161 NYSDOH ID # 10320

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.221536.05 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-42-152153

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/09/02	1	EPA8260
Styrene	ug/L	< 1		04/09/02	1	EPA8260
o Xylene	ug/L	< 1		04/09/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/09/02	2	EPA8260
Xylene	ug/L	< 3		04/09/02	3	EPA8260
Bromomethane	ug/L	< 1		04/09/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/09/02	1	EPA8260
Freon 113	ug/L	< 1		04/09/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/09/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/09/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/09/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/09/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/09/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-60

DIRECTOR

rn = 11162 NYSDOH ID # 10320

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.221536.06 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-42-DUP1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-61

rn = 11163 NYSDOH ID # 10320

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.221536.06 04/10/02

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:04/03/02 RECEIVED:04/05/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-42-DUP1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-62

rn = 11164 NYSDOH ID # 10320

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.221536.07 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:0820
MATRIX:Water SAMPLE: BP-VPB-42-DM200

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-63

rn = 11165 NYSDOH ID # 10320

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.221536.07 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:0820
MATRIX:Water SAMPLE: BP-VPB-42-DM200

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-64

DIRECTOR

rn = 11166 NYSDOH ID # 10320

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.221536.08 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:0935
MATRIX:Water SAMPLE: BP-VPB-42-202203

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	3		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	9		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	1		04/06/02	1	EPA8260
Chloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	6		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	2		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

21 ug/L

VPB42 E-65

DIRECTOR

rn = 11167 NYSDOH ID # 10320

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.221536.08 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:0935
MATRIX:Water SAMPLE: BP-VPB-42-202203

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	11		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-66

rn = 11168 NYSDOH ID # 10320

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.221536.09 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:1055
MATRIX:Water SAMPLE: BP-VPB-42-222223

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
ɔnloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-67

rn = 11169 NYSDOH ID # 10320

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.221536.09 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:1055
MATRIX:Water SAMPLE: BP-VPB-42-222223

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-68

rn = 11170 NYSDOH ID # 10320

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.221536.10 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-42-241242

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	2		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB 42 E-69

DIRECTOR

rn = 11171 NYSDOH ID # 10320

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.221536.10 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-42-241242

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-70

DIRECTOR

rn = 11172 NYSDOH ID # 10320

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.221536.11 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-262263

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-71

rn = 11173 NYSDOH ID # 10320

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.221536.11 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-262263

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA826ᴜ
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-72

rn = 11174 NYSDOH ID # 10320

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.221536.12 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:1510
MATRIX:Water SAMPLE: BP-VPB-42-281282

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
ɔnloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-73

DIRECTOR

rn = 11175 NYSDOH ID # 10320

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.221536.12 04/10/02

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:04/04/02 RECEIVED:04/05/02
TIME COL'D:1510
MATRIX:Water SAMPLE: BP-VPB-42-281282

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-74

DIRECTOR

rn = 11176 NYSDOH ID # 10320

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.221536.13 04/10/02

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:04/05/02 RECEIVED:04/05/02
TIME COL'D:0820
MATRIX:Water SAMPLE: BP-VPB-42-301302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	15		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-75

DIRECTOR

rn = 11177 NYSDOH ID # 10320

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.221536.13 04/10/02

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:04/05/02 RECEIVED:04/05/02
TIME COL'D:0820
MATRIX:Water SAMPLE: BP-VPB-42-301302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA826ᴗ
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-76

rn = 11178 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.221536.14 04/10/02

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:04/05/02 RECEIVED:04/05/02
TIME COL'D:0940
MATRIX:Water SAMPLE: BP-VPB-42-322323

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/06/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/06/02	1	EPA8260
Chloroethane	ug/L	< 1		04/06/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/06/02	1	EPA8260
Acetone	ug/L	< 10		04/06/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/06/02	1	EPA8260
1,1 Dichloroethene	ug/L	1		04/06/02	1	EPA8260
1,1 Dichloroethane	ug/L	4		04/06/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		04/06/02	1	EPA8260
Chloroform	ug/L	2		04/06/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/06/02	1	EPA8260
2-Butanone	ug/L	< 10		04/06/02	10	EPA8260
111 Trichloroethane	ug/L	3		04/06/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/06/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/06/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/06/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/06/02	1	EPA8260
Benzene	ug/L	< 1		04/06/02	1	EPA8260
Bromoform	ug/L	< 1		04/06/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/06/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/06/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/06/02	1	EPA8260
Toluene	ug/L	< 1		04/06/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/06/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

10 ml

VPB42 E-77

DIRECTOR

rn = 11179 NYSDOH ID # 10320

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.221536.14 04/10/02

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:04/05/02 RECEIVED:04/05/02
TIME COL'D:0940
MATRIX:Water SAMPLE: BP-VPB-42-322323

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/06/02	1	EPA8260
Styrene	ug/L	< 1		04/06/02	1	EPA8260
o Xylene	ug/L	< 1		04/06/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/06/02	2	EPA8260
Xylene	ug/L	< 3		04/06/02	3	EPA8260
Bromomethane	ug/L	< 1		04/06/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/06/02	1	EPA8260
Freon 113	ug/L	< 1		04/06/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/06/02	1	EPA826(
Dichlordifluomethane	ug/L	< 1		04/06/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/06/02	1	EPA8260
Trichloroethene	ug/L	1		04/06/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB 42 E-78

DIRECTOR

rn = 11180 NYSDOH ID # 10320

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.221580.01 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:0830
MATRIX:Water SAMPLE: BP-TB-040802

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
hloroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-79 DIRECTOR

rn = 11581 NYSDOH ID # 10320

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.221580.01 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:0830
MATRIX:Water SAMPLE: BP-TB-040802

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-80

rn = 11582 NYSDOH ID # 10320

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.221580.02 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1035
MATRIX:Water SAMPLE: BP-VPB-42-341342

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	4		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
ɔnloroform	ug/L	1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

6ug/L

VPB42 E-81

DIRECTOR

rn = 11583 NYSDOH ID # 10320

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.221580.02 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1035
MATRIX:Water SAMPLE: BP-VPB-42-341342

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	2		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-82

DIRECTOR

rn = 11584 NYSDOH ID # 10320

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.221580.03 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-42-DUP2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	4		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
Chloroform	ug/L	1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-83

DIRECTOR

rn = 11585 NYSDOH ID # 10320

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.221580.03 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-42-DUP2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	2		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-84

DIRECTOR

rn = 11586 NYSDOH ID # 10320

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.221580.04 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1050
MATRIX:Water SAMPLE: BP-RB-040802

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
ɔnloroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB42 E-85

rn = 11587 NYSDOH ID # 10320

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.221580.04 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1050
MATRIX:Water SAMPLE: BP-RB-040802

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-86 DIRECTOR

rn = 11588 NYSDOH ID # 10320

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.221580.05 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-42-361362

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	2		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
Chloroform	ug/L	1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

3 ug/L

VPB42 E-87 DIRECTOR

rn = 11589 NYSDOH ID # 10320

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.221580.05 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1215
MATRIX:Water SAMPLE: BP-VPB-42-361362

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826[illegible]
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826[illegible]
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VP842 E-88 DIRECTOR

rn = 11590 NYSDOH ID # 10320

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.221580.06 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-382383

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
chloroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-89 DIRECTOR

rn = 11591 NYSDOH ID # 10320

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.221580.06 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-382383

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-90

DIRECTOR

rn = 11592 NYSDOH ID # 10320

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.221580.07 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1515
MATRIX:Water SAMPLE: BP-VPB-42-401402

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
ıloroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-91

DIRECTOR

rn = 11593 NYSDOH ID # 10320

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.221580.07 04/16/02

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:04/08/02 RECEIVED:04/10/02
TIME COL'D:1515
MATRIX:Water SAMPLE: BP-VPB-42-401402

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-92

DIRECTOR

rn = 11594 NYSDOH ID # 10320

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.221580.08 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:0855
MATRIX:Water SAMPLE: BP-VPB-42-421422

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
Chloroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-93

DIRECTOR

rn = 11595 NYSDOH ID # 10320

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.221580.08 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:0855
MATRIX:Water SAMPLE: BP-VPB-42-421422

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-94

DIRECTOR

rn = 11596 NYSDOH ID # 10320

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.221580.09 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1020
MATRIX:Water SAMPLE: BP-VPB-42-441442

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
Chloroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-95 DIRECTOR

rn = 11597 NYSDOH ID # 10320

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.221580.09 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1020
MATRIX:Water SAMPLE: BP-VPB-42-441442

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA82[illegible]
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA82[illegible]
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-96 DIRECTOR

rn = 11598 NYSDOH ID # 10320

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.221580.10 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1200
MATRIX:Water SAMPLE: BP-VPB-42-461462

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	11		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
loroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-97 DIRECTOR

rn = 11599 NYSDOH ID # 10320

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.221580.10 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1200
MATRIX:Water SAMPLE: BP-VPB-42-461462

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-98 DIRECTOR

rn = 11600 NYSDOH ID # 10320

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.221580.11 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-42-481482

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	< 10		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
ɔnloroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-99 DIRECTOR

rn = 11601 NYSDOH ID # 10320

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.221580.11 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-42-481482

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-100 DIRECTOR

rn = 11602 NYSDOH ID # 10320

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.221580.12 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-DM500

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	35		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
Chloroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-101 DIRECTOR

rn = 11603 NYSDOH ID # 10320

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.221580.12 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1345
MATRIX:Water SAMPLE: BP-VPB-42-DM500

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-102

DIRECTOR

rn = 11604 NYSDOH ID # 10320

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.221580.13 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-42-501502

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/02	1	EPA8260
Chloroethane	ug/L	< 1		04/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/02	1	EPA8260
Acetone	ug/L	25		04/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/11/02	1	EPA8260
.loroform	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/02	1	EPA8260
2-Butanone	ug/L	< 10		04/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/02	1	EPA8260
Benzene	ug/L	< 1		04/11/02	1	EPA8260
Bromoform	ug/L	< 1		04/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/02	1	EPA8260
Toluene	ug/L	< 1		04/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-103 DIRECTOR

rn = 11605 NYSDOH ID # 10320

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.221580.13 04/16/02

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:04/09/02 RECEIVED:04/10/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-42-501502

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/11/02	1	EPA8260
Styrene	ug/L	< 1		04/11/02	1	EPA8260
o Xylene	ug/L	< 1		04/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/02	2	EPA8260
Xylene	ug/L	< 3		04/11/02	3	EPA8260
Bromomethane	ug/L	< 1		04/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/02	1	EPA8260
Freon 113	ug/L	< 1		04/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/11/02	1	EPA826[illegible]
Dichlordifluomethane	ug/L	< 1		04/11/02	1	EPA826[illegible]
c-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-104 DIRECTOR

rn = 11606 NYSDOH ID # 10320

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.221600.01 04/17/02

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:04/10/02 RECEIVED:04/11/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-TB-041002

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/15/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/15/02	1	EPA8260
Chloroethane	ug/L	< 1		04/15/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/15/02	1	EPA8260
Acetone	ug/L	< 10		04/15/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/15/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/15/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/15/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/15/02	2	EPA8260
loroform	ug/L	< 1		04/15/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/15/02	1	EPA8260
2-Butanone	ug/L	< 10		04/15/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/15/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/15/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/15/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/15/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/15/02	1	EPA8260
Benzene	ug/L	< 1		04/15/02	1	EPA8260
Bromoform	ug/L	< 1		04/15/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/15/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/15/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/15/02	1	EPA8260
Toluene	ug/L	< 1		04/15/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/15/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-105 DIRECTOR

rn = 11876 NYSDOH ID # 10320

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.221600.01 04/17/02

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:04/10/02 RECEIVED:04/11/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-TB-041002

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/15/02	1	EPA8260
Styrene	ug/L	< 1		04/15/02	1	EPA8260
o Xylene	ug/L	< 1		04/15/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/15/02	2	EPA8260
Xylene	ug/L	< 3		04/15/02	3	EPA8260
Bromomethane	ug/L	< 1		04/15/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/15/02	1	EPA8260
Freon 113	ug/L	< 1		04/15/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/15/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/15/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/15/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/15/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB 42 E-106

DIRECTOR

rn = 11877 NYSDOH ID # 10320

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.221600.02 04/17/02

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:04/10/02 RECEIVED:04/11/02
TIME COL'D:0945
MATRIX:Water SAMPLE: BP-VPB-42-521522

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/15/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/15/02	1	EPA8260
Chloroethane	ug/L	< 1		04/15/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/15/02	1	EPA8260
Acetone	ug/L	< 10		04/15/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/15/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/15/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/15/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/15/02	2	EPA8260
.loroform	ug/L	< 1		04/15/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/15/02	1	EPA8260
2-Butanone	ug/L	< 10		04/15/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/15/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/15/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/15/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/15/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/15/02	1	EPA8260
Benzene	ug/L	< 1		04/15/02	1	EPA8260
Bromoform	ug/L	< 1		04/15/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/15/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/15/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/15/02	1	EPA8260
Toluene	ug/L	< 1		04/15/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/15/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB 42 E-107 DIRECTOR

rn = 11878 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.221600.02 04/17/02

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:04/10/02 RECEIVED:04/11/02
TIME COL'D:0945
MATRIX:Water SAMPLE: BP-VPB-42-521522

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/15/02	1	EPA8260
Styrene	ug/L	< 1		04/15/02	1	EPA8260
o Xylene	ug/L	< 1		04/15/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/15/02	2	EPA8260
Xylene	ug/L	< 3		04/15/02	3	EPA8260
Bromomethane	ug/L	< 1		04/15/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/15/02	1	EPA8260
Freon 113	ug/L	< 1		04/15/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/15/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/15/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/15/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/15/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-108 DIRECTOR

rn = 11879 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.221600.03 04/17/02

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:04/10/02 RECEIVED:04/11/02
TIME COL'D:1155
MATRIX:Water SAMPLE: BP-VPB-42-541542

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		04/15/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/15/02	1	EPA8260
Chloroethane	ug/L	< 1		04/15/02	1	EPA8260
Methylene Chloride	ug/L	< 1		04/15/02	1	EPA8260
Acetone	ug/L	< 10		04/15/02	10	EPA8260
Carbon disulfide	ug/L	< 1		04/15/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/15/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/15/02	1	EPA8260
2 Dichloroethene	ug/L	< 2		04/15/02	2	EPA8260
..nloroform	ug/L	< 1		04/15/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/15/02	1	EPA8260
2-Butanone	ug/L	< 10		04/15/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		04/15/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/15/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/15/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/15/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/15/02	1	EPA8260
Benzene	ug/L	< 1		04/15/02	1	EPA8260
Bromoform	ug/L	< 1		04/15/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		04/15/02	10	EPA8260
2-Hexanone	ug/L	< 10		04/15/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		04/15/02	1	EPA8260
Toluene	ug/L	< 1		04/15/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/15/02	1	EPA8260
Chlorobenzene	ug/L	< 1		04/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB42 E-109 DIRECTOR

rn = 11880 NYSDOH ID # 10320

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.221600.03 04/17/02

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:04/10/02 RECEIVED:04/11/02
TIME COL'D:1155
MATRIX:Water SAMPLE: BP-VPB-42-541542

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		04/15/02	1	EPA8260
Styrene	ug/L	< 1		04/15/02	1	EPA8260
o Xylene	ug/L	< 1		04/15/02	1	EPA8260
m + p Xylene	ug/L	< 2		04/15/02	2	EPA8260
Xylene	ug/L	< 3		04/15/02	3	EPA8260
Bromomethane	ug/L	< 1		04/15/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/15/02	1	EPA8260
Freon 113	ug/L	< 1		04/15/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		04/15/02	1	EPA826
Dichlordifluomethane	ug/L	< 1		04/15/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		04/15/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		04/15/02	1	EPA8260
Trichloroethene	ug/L	< 1		04/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

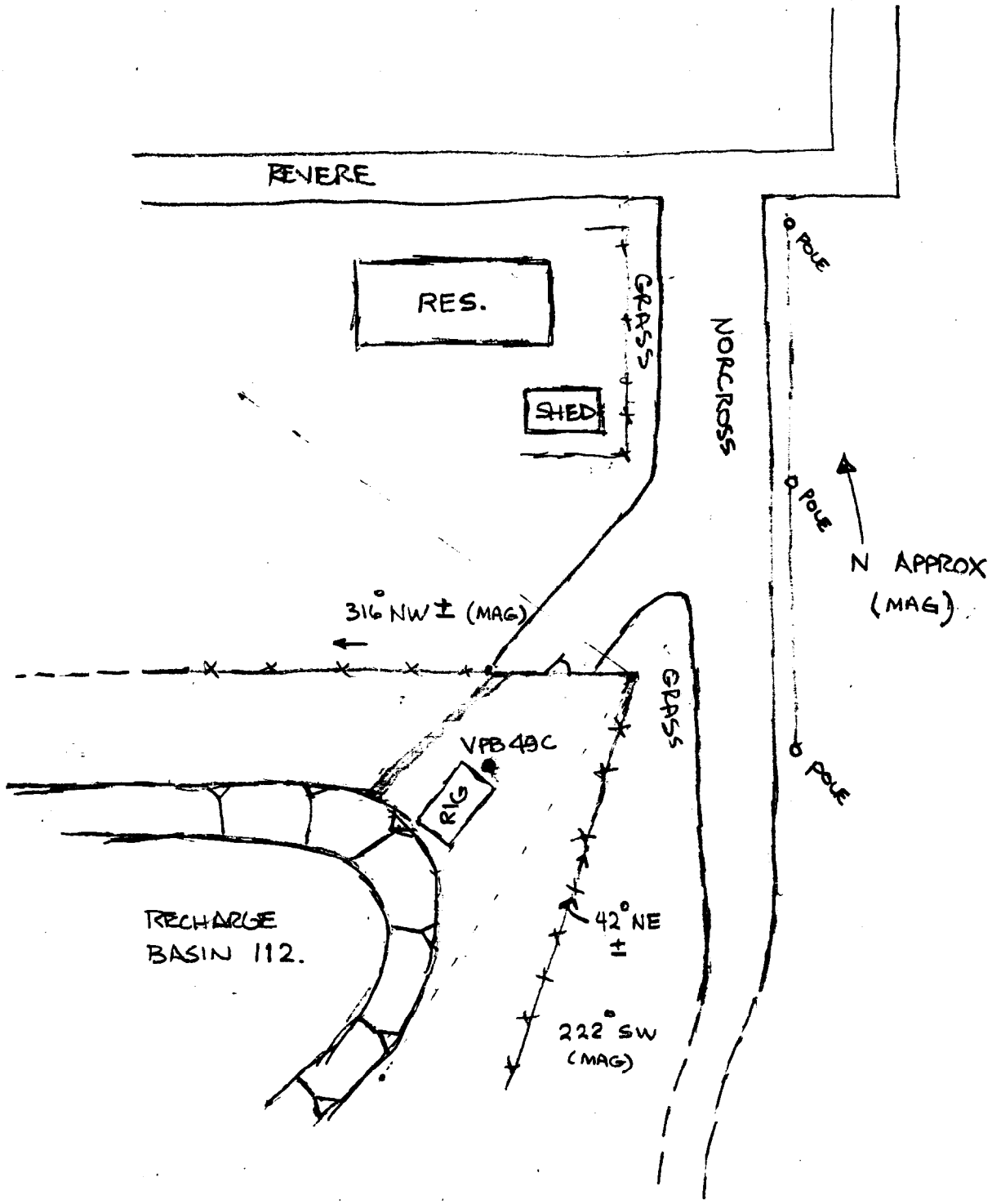
VPB42 E-110 DIRECTOR

rn = 11881 NYSDOH ID # 10320

Appendix F

VPB-49C

LOCATION
VPB 49C (NTS)



VPB49C F-1

S J Conta 3/6/

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-49C
DATE: 3-6-02
GEOLOGIST: CONTI
DRILLER: JOE JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0					BRN	SILT-SAND-ROOTS		SURFACE MATL MOIST				
							↓						
							↓						
							↓						
1110	10					BRN	SAND AND GRAVEL	GW	SUBANG TO SUBROUND-	0	0	0	0
							↓		SOME 1" PCS NOTED IN CUTTINGS				
							↓						
							↓						
							↓						
1120	20					BRN	SAME AS ABOVE	GW		0	0	0	0
							↓						
							↓						
							↓						
							↓						
1130	30						↓		≈ 25 → 30 DRILLING IS	0	0	0	0
							↓		FAIRLY SMOOTH NO DRILL "CHATTER"				
							↓						
							↓						
							↓						
1140	40						SAME AS ABOVE	GW		0	0	0	0
							↓						
							↓						
							↓						
							↓						
	50						↓						

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: START W/ 5" Φ MUD RDT (DRAG BIT)
SET 6" Φ PVC TEMP CASING TO 140'

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-49C
DATE: 3-6-02
GEOLOGIST: CONTI
DRILLER: JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @	50	12/17	1.5/2		DENSE	YELLOW BRN	SILTY FINE SAND	SM	MOIST → WET	0	0	0	0
1205	52	20/31							1" GRAVEL IN WASH-MICA.				
	↓ 53		@1330	HP-1					DRIVE HP-1 @ 1215				
									TAKE BP-VPB-49C- 052053				
1340	60								AT 1330 HRS				
									1 VIAL ONLY SCREEN COATED				
									W SILTY SAND & EXPOSED 12"±				
1350	70					YELLOW BRN	SILTY FINE SAND	SM	NOT MANY	0	0	0	0
									GRAVEL IN CUTTINGS				
1355	80						SAME	SM		0	0	0	0
1400	90						SAME - TR CLAY	SM	NOTICED SOME	0	0	0	0
									CLAY IN CUTTINGS.				
	100												

* When rock coring, enter rock brokeness.

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

Remarks: START 8" ⌀ MUD ROT (DRAG BIT)

Drilling Area Background (ppm): 0

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 49C
DATE: 3/6/02
GEOLOGIST: CONTI
DRILLER: JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-2	100	19/36	1/1.2		V. DENSE	TAN BRN	SILTY F TO M SAND	SP/	MOIST → WET	0	0	0	0
@ 1410	101	100/2		HP-2 @ 1520			(MOSTLY FINE)	SM	MICACEOUS DRIVE HP-2@				
	102								1420 HRS TAKE				
									BP-VPB-49C-101102				
	110								@ 1520 HRS				
	120						SAME AS ABOVE	SP/SM		0	0	0	0
	130												
3/6	140						SAME AS ABOVE	SM/SP		0	0	0	0
3/7							W/TRACE CLAY		IN CUTTINGS.				
	150												

* When rock coring, enter rock brokeness.

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

Remarks: 6" PVC TEMP [illegible] SET TO 140

Drilling Area Background (ppm): 0

Converted to Well: Yes _____ No _____ Well I.D. #: _____

VPB49C F-4

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-49C
DATE: 3-7-02
GEOLOGIST: CONTI
DRILLER: JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-3 @	150	23/50	1/1.5		V DENSE	BRN GRAY	SILTY F. SAND	SM	MOIST → WET	0	0	0	0
1155	152	50/6"		HP-3 @ 1315			TR CLAY		MICACEOUS DRIVE HP-3				
	↓ 153								@1205 TAKE BP-VPB-49C- 152153 @ 1315				
									[SOME 2" GRAVEL IN WASH]				
	160								ALSO DUP BP-VPB-49C DUP1				
	170						SAME	SM		0	0	0	0
	180												
	190						SAME	SM		0	0	0	0
	200												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ____ Well I.D. #: ____

VPB 49 F-5

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 49C
DATE: 3-7-02
GEOLOGIST: CONTI
DRILLER: JESTER

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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
S-4 @	200	50 / 100/6	.5/1		V DENSE	BRN	SILTY F TO M SAND	SM	WET-MICA.	0	0	0	0
1430	201			HP-4 @ 1535			TR GRAVEL 3/4" PC	/SP	DRIVE HP-4 @1440				
	↓ 202								TOOK BP-VPB-49C-201202 @ 1535				
	210												
S-5 @	220		.5/1						WET-MICA	0	0	0	0
1600	221	50 / 100/6		HP-5 @ 1705	V DENSE	BRN	F TO M SAND	SM	DRIVE HP-5C 1605 HRS				
3/7	↓ 222						(SILTY)	/SP	TOOK BP-VPB-49C-221221 @ 1705				
3/8									TWIN ONLY				
	230												
S-6	240				DENSE	YELLOW BRN	SILTY SAND (F/M)	SM	WET - POOR RECOV.	0	0	0	0
@ 0745		12 / 15	.2/2	HP-6 @ 0850			TRACE CLAY		TR. CLAY IN SPOON DRIVE HP-6 @				
	242	20 / 25							0750 HRS. TAKE				
	↓ 243								BP-VPB-49C-242243				
									@ 0850				
	250												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes _____ No _____ Well I.D. #: _____

VPB 49C F-6

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 49C
DATE: 3-8-02
GEOLOGIST: CONTI
DRILLER: JESTER

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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	250												
									DESCRIP. BASED ON ABOVE.				
S-7	260		0/1		V DENSE	BRN	SILTY F/M SAND	SM	NO REC -	0	0	0	0
@ 0915	261	30/30/6		HP-7 @ 1015					DRIVE HP-7 @ 0915 HRS				
3/8	262								TOOK BP-VPB-49C- 261-262				
3/11									@ 1015				
	270												
S-8	280				V.				TR CLAY IN WASH				
@ 1225	281	30/50	1/1		DENSE	BRN	SILTY F/M SAND - TR LIGNITE	SM	WET - MICA - DRIVE HP-8 @ 1240 HRS TOOK BP-VBP-49C 281-282 @ 1330 HRS	6	0	0	0
	282			HP-8 @ 1330									
	290												
	300												

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes _____ No _____ Well I.D. #: _____

VPB 49C F-7

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-49C
DATE: 3-11-02 & 3-12-02
GEOLOGIST: CONTI
DRILLER: JESTER

	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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	S-9 @ 1350	300	50/50	6/1		V DENSE	ORANG BRN	SILTY F/M SAND	SM	WET-MICA-	2	0	0	0
		301			HP-9 @ 1500					DRIVE HP-9 @ 1400 HRS				
3/11		↓ 302								TOOK BP-VPB-49C 301 302				
3/12										+ DUP				
		310								BP-VPE-49C-DUP 2				
	S-10 @ 0830	320	48/50	1/1		V DENSE	BRN	SILTY F/M SAND	SM	WET-MICA	0	0	0	0
		321						TR LIGNITE IN WASH		DRIVE HP-10 @ 0835				
		↓ 322			HP-10 @ 0930					TAKE BP-VPE-49C-321 322				
		330												
										POSSIBLE FORMATION CONTACT				
	S-11 @ 0955	340	20/31		340	V				DISTINCT COLOR CHANGE - S-11				
		342	34/32	2/2		DENSE	GRAY	SILTY F/M SAND -	SM	MOIST → WET	0	0	0	0
		↓ 343			HP-11 @ 1105			LAMINATED W/ BLACK (LIGNITE) ?		DRIVE HP-11 @ 1005				
										TOOK BP-VPB-49C - 342 343 @ 1105				
		350												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 4.3

Remarks:

Converted to Well: Yes ____ No ____ Well I.D. #: ____

VPB 49C F-8

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 49C
DATE: 3/12/02
GEOLOGIST: CONTI
DRILLER: JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	350				DENSE	GRAY	SILTY F/M SAND	SM	WET				
S-12	360	17/20	.8/2		V								
@ 1125	362	30/39			DENSE	GRAY	F/M SAND	SM	WET - MICA	0	0	0	0
	363			HP.12 @ 1230					DRIVE HP-12 @ 1130 HRS				
									TOOK BP-VPB-49C - 362363 @ 1230 HRS				
	370												
S-13	380	100/6	.5/.5		V DENSE	GRAY	F/M SAND	SM/SP	WET / MICA	0	0	0	0
@ 1300	381								DRIVE HP.13 @				
	382			HP-13 @ 1405					1305 - NO SAMPLE AT 381/382				
									(DRY) SCREEN EXPOSED ~ 8"				
									COATED W/ SILTY SAND - NO CLAY				
	390						MIXED W/ CLAY		OBSERVED. WILL GO TO 400				
							(PER DRILLER) @ 390±						
	400			400'									

* 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): 4.5

Converted to Well: Yes ____ No ____ Well I.D. #: ____

VPB49C F-9

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-49C
DATE: 3-12-02 & 3-13-02
GEOLOGIST: CONTI
DRILLER: J JESTER

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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
				400'									
S-14 @ 1425	400	45/50	.6/1		V DENSE	GRAY	CLAY & SILTY F SAND	SM SC	MOIST-MICA	0	0	0	0
	401						LAMINATED W/CLAY TR LIGNITE		ALMOST V. STIFF CLASSIFICATION				
3/12	402			HP-14 @ 1530					DRIVE HP-14 @ 1430 - BUT IS				
3/13									VERY "TIGHT" NO SAMPLE @				
S-15 @ 0810	410	25/50	.5/1		V DENSE	LIGHT GRAY	SILTY (F/M) SAND-TR	SM	401402 - DRY WET - MICA	0	0	0	0
	411						CLAY - TR LIGNITE		DRIVE HP-15 @ 0815 HRS				
	412			HP-15 @ 0930					TOOK				
									BP-VPB-49C-411412				
									@ 0930 (1 VIAL)				
S-16 @ 1000	420	49/100	.6/1		V DENSE	LT. GRAY TO GRAY	SILTY F/M SAND - INTERBEDDED W/ CLAY TR LIGNITE AND GRAVEL FRAG	SM	WET - MICA	0	0	0	0
	421								1/2" PC SUB ROUND GRAVEL				
	422			HP-16 @ 1105					DRIVE HP-16 @ 1005 HRS				
									TOOK BP-VPB-49C 421422 @ 1105 HRS				
	430								(2 VIALS)				
S-17 @ 1120	440	23/100	1/1		V DENSE	LT. GRAY	F/M SAND	SM	WET - MICA	0	0	0	0
	441								DRIVE HP-17 @ 1130 HRS.				
	442			HP-17									
	450												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 4.6

Remarks:

Converted to Well: Yes ____ No ____ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-49C
DATE: 3-13-02
GEOLOGIST: CONTI
DRILLER: JESTER

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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	450												
S-18	460	38/60	1/1		V DENSE	GRAY	F/M SAND	SM/SP	WET - MICA	2	0	0	0
@ 1240	461								PRETTY "CLEAN" SAND - NO CLAY				
	↓ 462			HP-18 @ 1355					DRIVE HP-18 @1255				
									TOOK BP-VPB-49C-461462 @1355				
	470						SAME						
	480	52/	.8/1		V DENSE	LT GRAY	F/M SAND	SM	WET - MICA	0	0	0	0
↑ S-19 @	481	50						SP	TR CLAY IN WASH				
3/13 1410	↓ 482			HP-19 @ 1530					DRIVE HP-19 @ 1430 HRS				
↓									TOOK BP-VPB-49C-481482 @1530				
3/14													
	490						SAME						
	500												

* 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): 3.6

Converted to Well: Yes ____ No ____ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 49C
DATE: 3-14-02
GEOLOGIST: CONTI
DRILLER: JESTER

	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: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
3/14 ↓	S-20 @	500	50/100	.8/1		V DENSE	LT GRY	F/M SAND	SM/SP	MOIST → WET	0	0	0	0
	0805	501 ↓			HP-20 @ 0915					MICA. DRIVE HP-20 @				
		502								0815 TOOK				
										BP-VPB-49C - 501502				
		510								@ 0915				
	S-21	520	15/27	1/2		V. DENSE	GRAY	F/M SAND	SM	WET - MICA	0	0	0	0
	@ 0940	522	25/28		HP-21 @				SP	DRIVE HP-21				
		523 ↓								@ 0945 TOOK				
										BP-VPB-49C - 522523				
										WET (DRY)				
	S-22 @	530	50/60	.7/1		V DENSE	GRAY	F/M SAND	SM/SP	WET/MICA	0	0	0	0
	1105	531			HP-22 @ 1210					DRIVE HP-22				
		532 ↓								@ 1110 HRS TOOK				
		533 ↓			HP-23 @ 1335					BP-VPB-49C - 531532 (DRY)				
										DRIVE HP-23 @ 1225 HRS				
	S-23	540	28/30	1/1.5						TOOK - BP-VPB-49C 532533	0	0	0	0
	@ 1400	542	50/6			V DENSE	GRAY	F/M SAND - TR CLAY NEAR BOTM	SM/SP	WET - MICA DRIVE HP-24				
		543 ↓			HP-24 @ 1505					@ 1405 HRS TOOK				
										BP-VPB-49C - 542543				
								BOTM OF 6" @ 540		@ 1505 HRS				
								E-LOG TO 537'						

* When rock coring, enter rock brokeness.

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

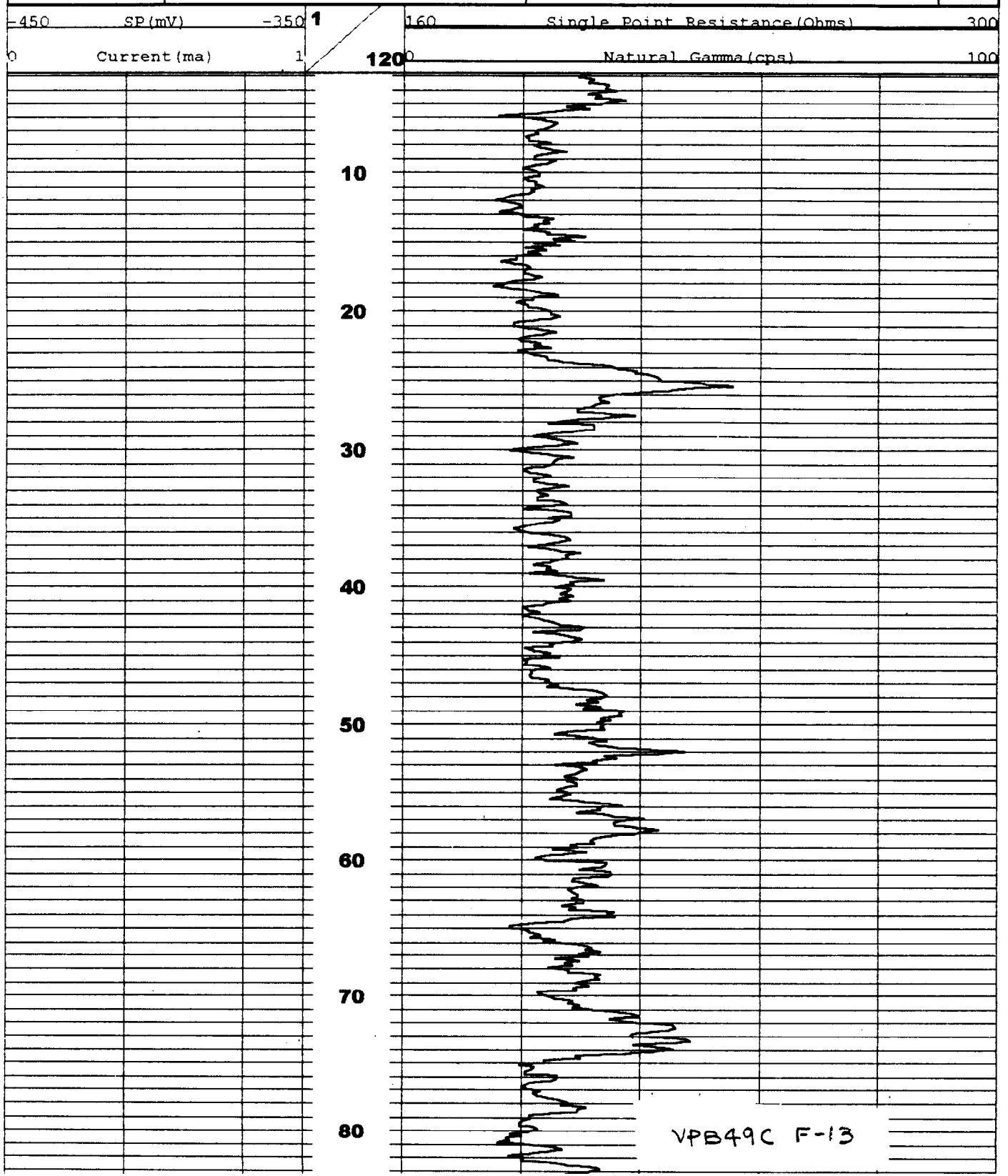
Drilling Area Background (ppm): 3.5

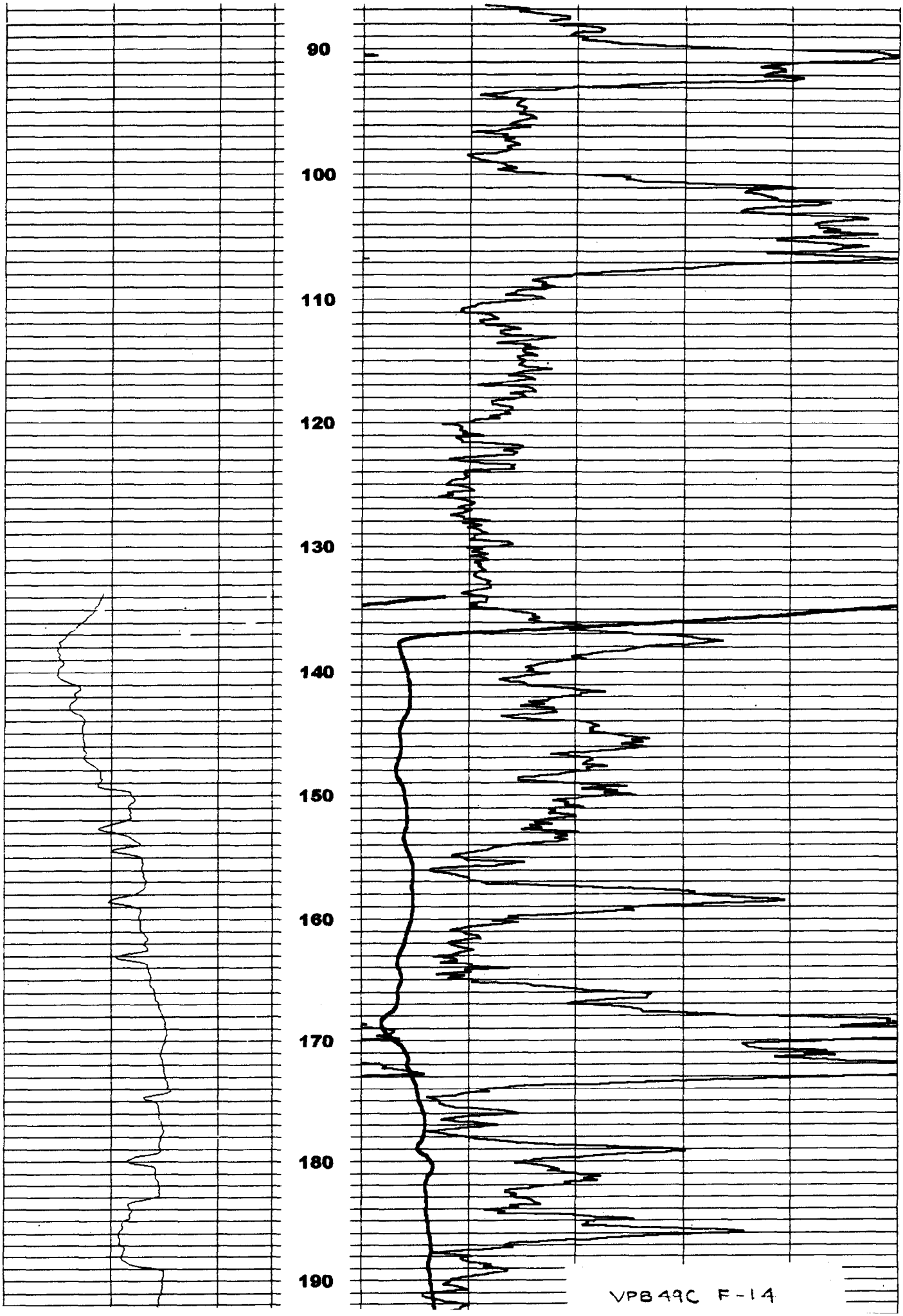
Remarks:

Converted to Well: Yes ____ No ____ Well I.D. #: ____

VPB49C F-12

	COMPANY: Uni Tech Drilling		Casing
	Location: Norcross		
Well	vpb - 49 -C	Depth Driller 540' bgs Depth Logger 537' bgs	140' 6" PVC
Date	3/14/02 BH Fluid	Logged by: Aqua Terra	
File Name		Witness: S. Conti	

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110
120
130
140
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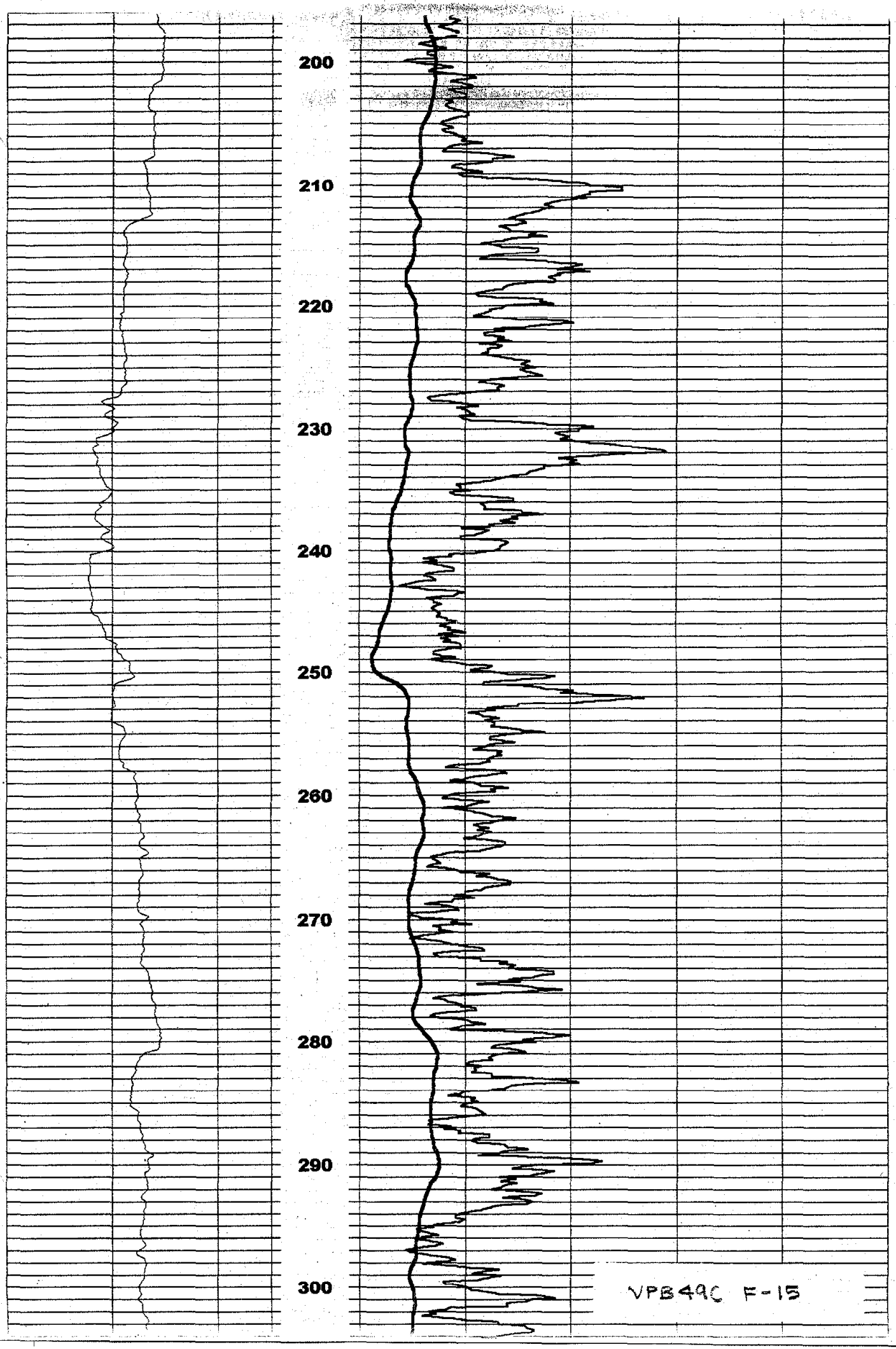
170
180
190
VPB 49C F-14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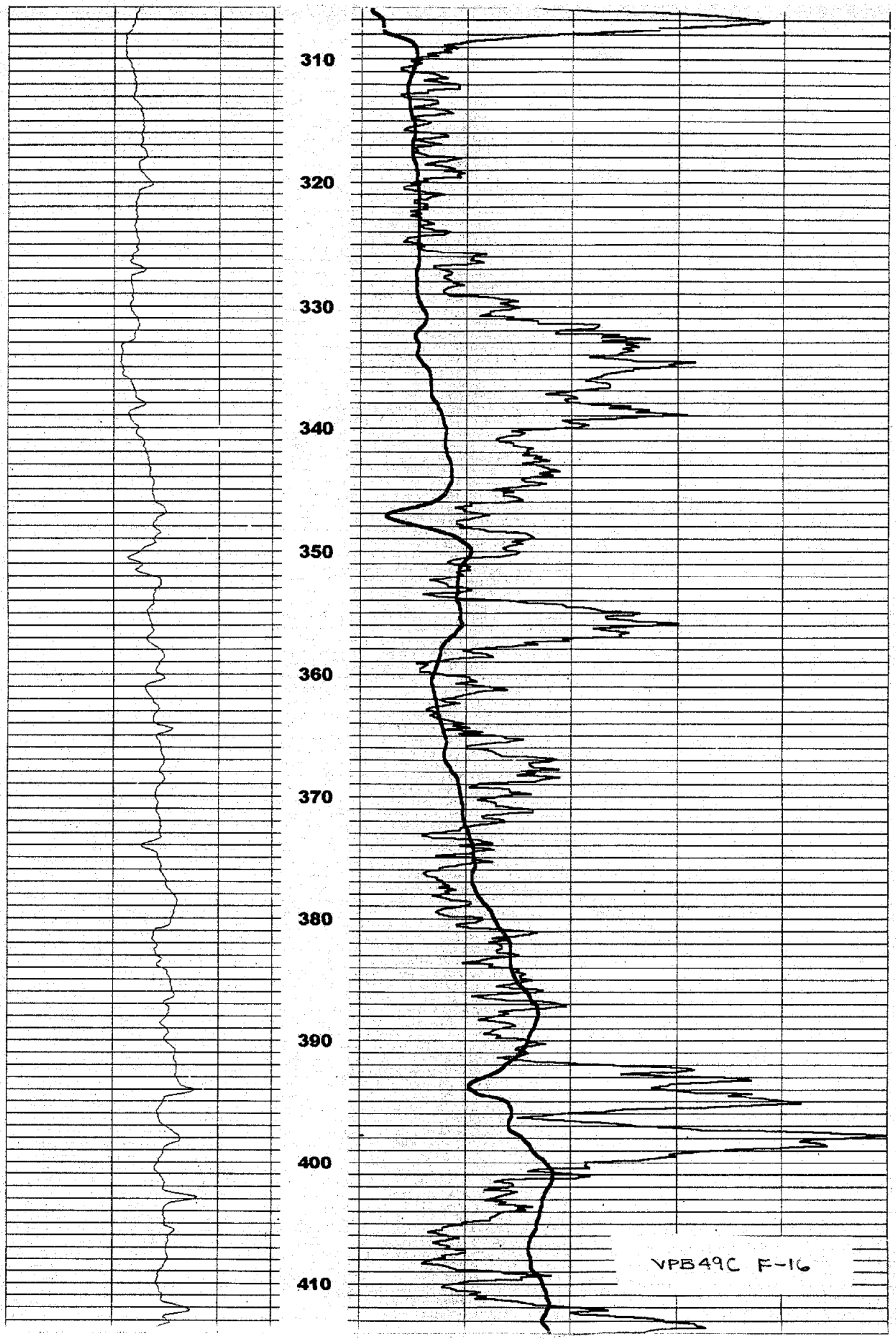
VPB49C F-15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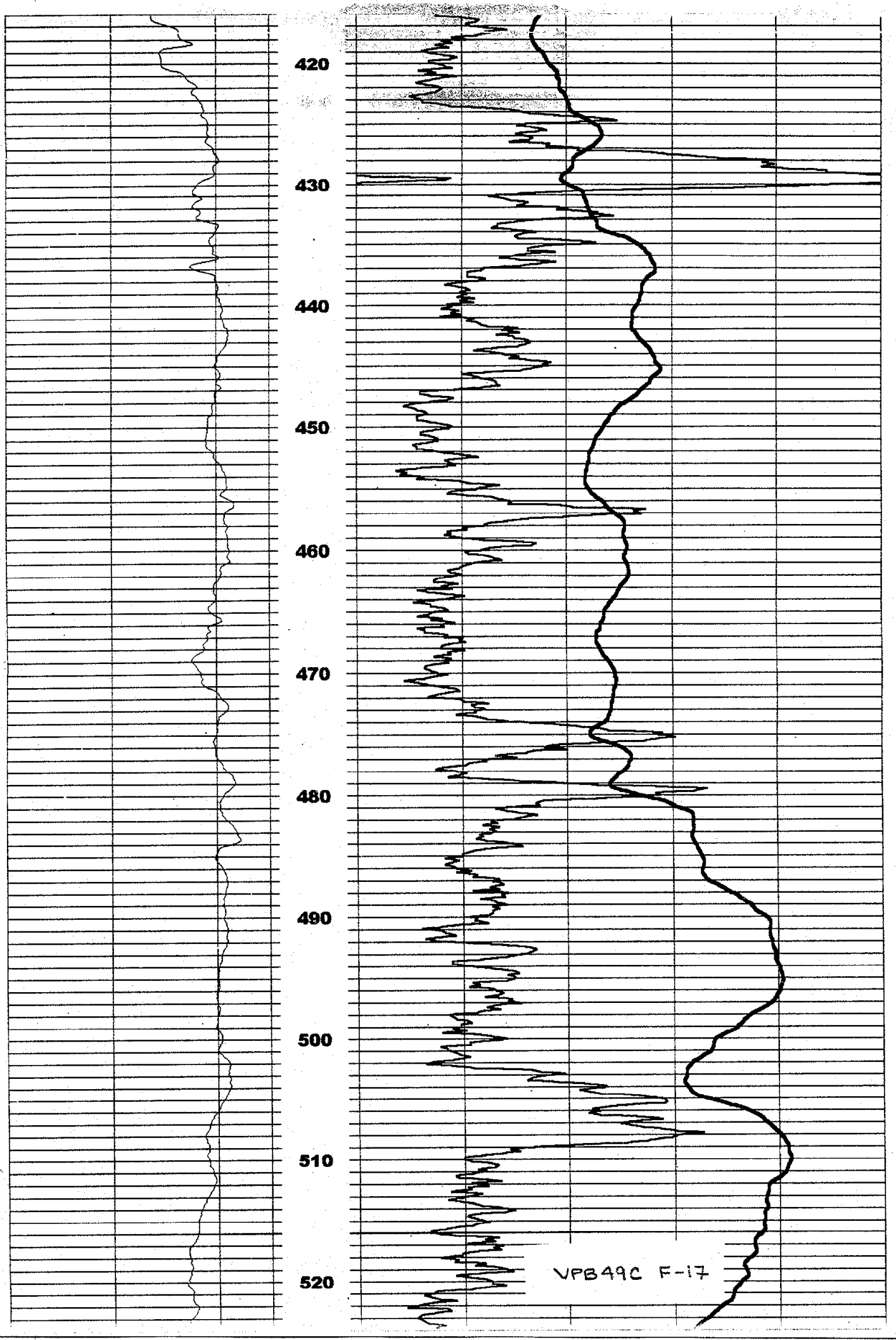
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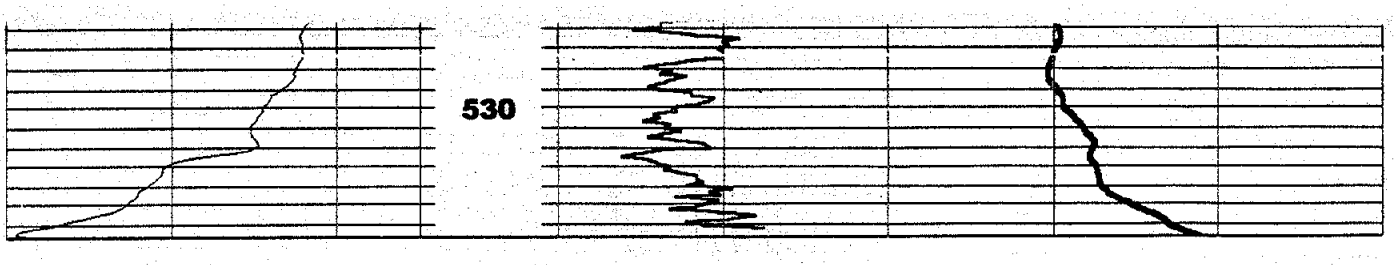
430
440
450
460
470
480
490
500
510
520
VPB49C F-17


530

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

052053

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-030602
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3/6/02								
Time: 1330	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	YELLOW BRN	—	—	—	—	—	—	—

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 ~~2~~-40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1215 hrs

Sample depth (screened interval) = from 52 to 53 ft

Screen exposed to formation for 75 minutes

Depth of borehole prior to advancing hydropunch = 52 ft

— NOT ENOUGH VOL FOR PARAMETERS
— 1 VIAL ONLY
— APPEARS TO B GW

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB49C F-19

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

101102

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C -
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-030602
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity %
Date: 3-6-02								
Time: 1520								
Method: HYDROPUNCH	YELLOW BRN	6.26	.487	13.2	999	10.89	135	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1420 hrs

Sample depth (screened interval) = from 101 to 102 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 101 ft

— TDS = .32g/l
— APPEARS TO BE GW.

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-20

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

152153

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB- 49C-
Sample Location: VPB- 49C
Sampled By: SJC
C.O.C. No.: BP-VPB-030602
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

Date: 3-7-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1315	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	BRN	6.72	1.54	18.3	—	3.96	133	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: 1205 hrs

Sample depth (screened interval) = from 152 to 153 ft

Screen exposed to formation for 70 minutes

Depth of borehole prior to advancing hydropunch = 152 ft

LOOKS LIKE GW AND DRLG MUD MIX.

TDS = 1.0 g/l

VERY TURBID

Circle if Applicable:

MS/MSD	Duplicate ID No.: BP-VPB-49C-DUP1

Signature(s): SJ Conti

VPB 49C F-21

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

201202

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-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-030602
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3-7-02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 1535								
Method: HYDROPUNCH	BROWN	6.91	1.08	14.9	—	2.00	96	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1440 hrs

Sample depth (screened interval) = from 201 to 202 ft

Screen exposed to formation for 55 minutes

Depth of borehole prior to advancing hydropunch = 201 ft

— TDS = 0.7 g/L
— GW AND MUD MIX.
— 12" SCREEN EXPOSED
— VERY TURBID

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB49C F-22

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

221 222

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB- 49C-
Sample Location: VPB- 49C
Sampled By: SJC
C.O.C. No.: BP-VPB-030602
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-7-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1705	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	BROWN	—	—	—	—	—	—	—

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 ~~2~~ 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1605 hrs

Sample depth (screened interval) = from 221 to 222 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 221 ft

1 - VIAL ONLY
SCREEN EXPOSED 12"
GW-MUD MIX

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conte

VPB 49C F-23

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

242243

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-030602
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3/8/02								
Time: 0850	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	BROWN	—	—	—	—	—	—	—

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 ~~2~~ 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0750 hrs

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

TURBID - BROWN
~8" SCREEN EXPOSED
GW MUD MIX ?

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-24

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

261 262

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB- 49C —
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB- 030602
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3/8/02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 1015								
Method: HYDROPUNCH	BRN	6.81	.458	11.4	—	5.85	35	0.0

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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0930 hrs

Sample depth (screened interval) = from 261 to 262 ft

Screen exposed to formation for 45 minutes

Depth of borehole prior to advancing hydropunch = 261 ft

TDS = .30 g/L

GOOD SAMPLE - LOOKS LIKE MOSTLY GW

Circle If Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-25

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

281282

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031102
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3/11/02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1330	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	BRN	6.30	2.25	11.9	—	12.19	141	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: 1240 hrs

Sample depth (screened interval) = from 281 to 282 ft

Screen exposed to formation for 50 minutes

Depth of borehole prior to advancing hydropunch = 281 ft

- V TURBID
- GW/MUD MIX ?
- TDS 1.4 g/L

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-26

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

301302

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031102
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-11-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1500	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	ORANGE BRN	6.18	.789	12.1	—	5.18	106	0.0

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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1400 hrs

Sample depth (screened interval) = from 301 to 302 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 301 ft

- TDS = 0.50 g/L
- TURBID
- MOSTLY GW.

Circle if Applicable:

MS/MSD

Duplicate ID No.: BP-VPB-49C-DUP 2

Signature(s): SJ Conti

VPB 49C F-27

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-321322
Sample Location: VPB-49C
Sampled By: CONTI
C.O.C. No.: BP-VPB-031102
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3/12/02								
Time: 0930	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	BRN	—	—	—	—	—	—	—

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) ~~2~~-40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0835 hrs

Sample depth (screened interval) = from 321 to 322 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 321 ft

ONLY 1 VIAL
NO PARAMETERS
GW & MUD MIX ?

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-28

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-342343
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB031102
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3/12/02								
Time: 1105	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Method: HYDROPUNCH	GRAY	5.21	.305	11.6	—	1.88	139	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1005 hrs

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

TDS = .20g/L
MOSTLY GW
GRAY IN COLOR
TURBID

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB 49 C F-29

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C- 362363
Sample Location: VPB- 49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031102
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-12-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1230	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	GRAY	6.29	1.86	12.6	—	2.13	108	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: 1130 hrs

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

- V. TURBID.
- TDS= 1.2 g/L
- GW/MUD MIX?

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-30

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C - 381382
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031102
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-12-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1405	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
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	X 40 mL Glass Vials	NO

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1305 hrs

Sample depth (screened interval) = from 381 to 382 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 381 ft

- NO SAMPLE
- SCREEN EXPOSED 8" ±
- COATED W/ SAND (SILTY)
- NO 2ND ATTEMPT

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-31

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-401402
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031102
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-12-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: ~~13~~ 1530	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
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	NO

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1430 hrs
Sample depth (screened interval) = from 401 to 402 ft
Screen exposed to formation for 60 minutes
Depth of borehole prior to advancing hydropunch = 401 ft

- HP-14 WAS DRY.
- SCREEN EXP ≈ 10"
- COATED W/ SAND & CLAY.
- NO SECOND ATTEMPT.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-32

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

411412

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031102
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-13-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 0930	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	BRN	—	—	—	—	—	—	—

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 X 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0815 hrs
Sample depth (screened interval) = from 411 to 412 ft
Screen exposed to formation for 75 minutes
Depth of borehole prior to advancing hydropunch = 411 ft

- 1 VIAL ONLY
- GW / MUD MIX
- SCREEN EXPOSED 12" COATED W/ MOSTLY F SAND.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conte

VPB49C F-33

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

421422

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031102
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3/13/02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 1105								
Method: HYDROPUNCH	GRAY	6.62	.732	11.2	—	1.15	48	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1005 hrs

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

TDS = .47 g/L
MOSTLY GW
V. TURBID

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB 49 C F-34

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

44144.2

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3/13/02								
Time: 1230	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	GRAY	6.80	1.36	11.9	—	2.48	48	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: 1130 hrs
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

– TDS = 0.9 g/L
– GW/MUD MIX ?
– TURBID BRN GRAY

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conde

VPB49C F-35

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

461462

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity %
Date: 3/13/02								
Time: 1355								
Method: HYDROPUNCH	GRAY BRN	6.81	.590	11.9	999	3.78	46	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1255 hrs

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

TDS = .38 g/L
MOSTLY GW
TURBID

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-36

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C- 481482
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity %
Date: 3/13/02								
Time: 1530								
Method: HYDROPUNCH	GRAY BRN	6.68	1.74	12.2	—	2.76	72	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: 1430 hrs

Sample depth (screened interval) = from 461 to 482 ft

Screen exposed to formation for _____ minutes

Depth of borehole prior to advancing hydropunch = 481 ft

TDS = 1.1 g/L
TURBID
GW / MUD MIX ?

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB49C F-37

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB- 49C- 501502
Sample Location: VPB- 49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3-14-02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 0915								
Method: HYDROPUNCH	GRAY	7.09	1.97	12.2	—	5.25	94	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: 0815 hrs

Sample depth (screened interval) = from 501 to 502 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 501 ft

TDS = 1.3 g/L
TURBID
GW MOSTLY - TR
MUD MIX ?

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

VPB49C F-38

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

522 523

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-14-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1035	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
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	NO

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 0945 hrs

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

Screen exposed to formation for 50 minutes

Depth of borehole prior to advancing hydropunch = 522 ft

- NO SAMPLE (DRY)
- SCREEN EXPOSED 10"
- COATED W/ SAND
- NO CLAY OBSERVED

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJConte

VPB 49 C F-39

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

531532

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-~~49~~ SJC 031302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-14-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1210	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
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	NO

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1110 hrs

Sample depth (screened interval) = from 531 to 532 ft

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 531 ft

- HP-WAS DRY
- SCREEN EXPOSED 10"
- COATED W/ SAND - BUT WAS DRY (HP)

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conte

VPB49C F-40

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-532533
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-14-02	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Time: 1335	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: HYDROPUNCH	GRAY	6.98	2.00	12.1	—	3.92	82	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: 1225 hrs

Sample depth (screened interval) = from 532 to 533 ft

Screen exposed to formation for 70 minutes

Depth of borehole prior to advancing hydropunch = 532 ft

TDS - 1.3 g/L
GW/MUD MIX?
TURBID

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB 49C F-41

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

542543

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Salinity %
Date: 3/14/02								
Time: 1505								
Method: HYDROPUNCH	GRAY BRN	5.73	.95	12.6	—	5.73	120	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	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at: 1405 hrs

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

Screen exposed to formation for 60 minutes

Depth of borehole prior to advancing hydropunch = 542 ft

TDS = 0.6 g/L
MOSTLY GW
TURBID.

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conte

VPB 49C F-42

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB- 49C
QA Sample Type:

Sample ID Number: BP-TB-030602
Sampled By: SJC
C.O.C. Number: BP-VPB- 030602

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3/6/02
Time: 0800
Method: FROM LAB

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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

Product Name: FROM LAB (ECO-TEST)
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	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_3		YES / (NO)
Cyanide	Cool 4°C & NaOH		YES / (NO)

OBSERVATIONS / NOTES:

Signature(s): SJConti

VPB49C F-43

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-
QA Sample Type:

Sample ID Number: BP-RB-030702
Sampled By: SJC
C.O.C. Number: BP-VPB- 030602

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3-7-02
Time: 1145
Method: DIRECT POUR

WATER SOURCE:

[] Laboratory Prepared
[X] Purchased
[] Other
[] Tap
[] Fire Hydrant

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: AQUEOUS
Equipment Used: HYDROPUNCH
Equipment Type:
[] Dedicated
[X] 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_3		YES / (NO)
Cyanide	Cool 4°C & NaOH		YES / (NO)

OBSERVATIONS / NOTES:

Signature(s): SJConte

VPB 49C F-44

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

DM200

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type: Vertical Profile Boring
[X] QA Sample Type: DRILLING MUD

Sample ID No.: BP-VPB- 49C –
Sample Location: VPB- 49C
Sampled By: SJC
C.O.C. No.: BP- VPB-030602
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3-7-02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	%
Time: 1415								
Method: DIRECT FILL	BRN	7.01	1.26	15.5	—	7.26	118	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: NA hrs

Sample depth (screened interval) = from NA to _____ ft

Screen exposed to formation for NA minutes

Depth of borehole prior to advancing hydropunch = NA ft

VERY TURBID
TDS = 0.8 g/L

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conte

VPB 49C F-45

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB- 49C
QA Sample Type:

Sample ID Number: BP-TB-031102
Sampled By: SJC
C.O.C. Number: BP-VPB- 031102

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3/11/02
Time: 1125
Method: LAB SUPPLIED

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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	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_3		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

OBSERVATIONS / NOTES:

Signature(s): SJ Conti

VPB49C:F-46

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB- 49C
QA Sample Type:

Sample ID Number: BP-TB- 031302
Sampled By: SJC
C.O.C. Number: BP-VPB- 031302

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3-13-02
Time: 1130
Method: LAB SUPPLIED

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

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

Product Name:
Supplier: ECO-TEST
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	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_3		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

OBSERVATIONS / NOTES:

Signature(s): SJ Conte

VPB 49C F-47

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-
QA Sample Type:

Sample ID Number: BP-RB-031402
Sampled By: SJC
C.O.C. Number: BP-VPB- ~~49C~~ SJC 031302

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3-14-02
Time: 0745
Method: OVER HYDROPUNCH

WATER SOURCE:

[] Laboratory Prepared
[X] Purchased
[] Other
[] Tap
[] Fire Hydrant

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: AQUEOUS
Equipment Used: HYDROPUNCH
Equipment Type:
[] Dedicated
[X] 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_3		YES / NO
Cyanide	Cool 4°C & NaOH		YES / NO

OBSERVATIONS / NOTES:

Signature(s): SJ Conti

VPB 49C F-48

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

DM-500

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type: Vertical Profile Boring
[X] QA Sample Type: DRILLING MUD

Sample ID No.: BP-VPB-49C-
Sample Location: VPB-49C
Sampled By: SJC
C.O.C. No.: BP-VPB-031302
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Salinity
Date: 3-14-02	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Time: 0755								
Method: DIRECT FILL	GRAY	6.81	1.76	11.0	—	6.00	113	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: NA hrs

Sample depth (screened interval) = from _____ to _____ ft

Screen exposed to formation for _____ minutes

Depth of borehole prior to advancing hydropunch = _____ ft

TDS = 1.1 g/L
DRILL MUD FROM
≈ 500' ±

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

VPB49C F-49

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER BP-VPB-030602 | PAGE 1 OF 1

PROJECT NO:	SITE NAME:	PROJECT MANAGER AND PHONE NUMBER	LABORATORY NAME AND CONTACT:
N4037	NWIRP-BETHPAGE	D BRAYACK 412 921 8375	ECO TEST / 631 422 5777 (DIANE)
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER	ADDRESS
SJ Conti		SJ CONTI 412 921 8422	
		CARRIER/WAYBILL NUMBER	CITY, STATE
		PICKED UP BY ECO TEST (3/8)	N BABYLON NY

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

DATE YEAR 2002	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: VOCs (40mL VIAL) HCL								COMMENTS
		VPB-49C												
					CONTAINER TYPE PLASTIC (P) or GLASS (G)	G								
					PRESERVATIVE USED	—								
3/6	0800	BP-TB-030602	AQ	G	2	2								
"	1330	BP-VPB-49C-052053	GW	"	1	1								
"	1520	BP-VPB-49C-101102	GW	"	2	2								
3/7	1315	BP-VPB-49C-152153	GW	"	2	2								
3/7	1145	BP-RB-030702	AQ	"	2	2								OVER HYDROPUNCH
3/7	0000	BP-VPB-49C-DUP1	GW	"	2	2								DUP OF 152153
3/7	1415	BP-VPB-49C DM200	DM	G	2	2								DRILLING MUD ≈ 200'
3/7	1535	BP-VPB-49C-201202	GW	G	2	2								
3/7	1705	BP-VPB-49C 221222	GW	G	1	1								
3/8	0850	BP-VPB-49C-242243	GW	G	1	1								
3/8	1015	BP-VPB-49C-261262	GW	G	2	2								

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY SJ Conti	3/8/02	1300	1. RECEIVED BY ECO TEST COURIER		
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUT WHITE (ACCOMPANIES SAMPLE) YELLOW (FIE OPY) PINK (FILE COPY)

3/99
FORM TtNUS-001

VPB49C-F-59

TT TECH NUS, INC. CHAIN OF CUSTODY JMBER BP-VPB-031102 | PAGE 1 OF _

PROJECT NO:	SITE NAME:	PROJECT MANAGER AND PHONE NUMBER	LABORATORY NAME AND CONTACT:
N 4037	NWIRP BETHPAGE	D BRAYACK 412 921 8375	ECO TEST / DIANE
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER	ADDRESS
SJ Conti		SJ CONTI 412 931 8422	
		CARRIER/WAYBILL NUMBER	CITY, STATE
		ECO TEST CARRIER (3-13-02)	NEASYLUN, NY (631 422 5777)

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

[VPB 49C]

DATE YEAR 2002	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: VOCS (40mL VIAL)	VOCS (40ml VIAL)							COMMENTS
		CONTAINER TYPE PLASTIC (P) or GLASS (G)				G	G							
		PRESERVATIVE USED				HCL	RC							
3/11	1125	BP-TB-031102	AQ	G	2	2								
"	1330	BP-VPB 49C-281282	GW	G	2	—	2							
"	1500	BP-VPB 49C-301302	GW	G	2	—	2							
"	0001	BP-VPB 49C DUP 2	GW	G	2	—	2							DUP OF 301302
3/12	0930	BP-VPB-49C-321322	GW	G	1	—	1							
"	1105	BP-VPB-49C-342343	GW	G	2	—	2							
"	1230	BP-VPB-49C-362363	GW	G	2	—	2							
3/13	0930	BP-VPB-49C-411412	GW	G	1	—	1							
"	1105	BP-VPB-49C-421422	GW	G	2	—	2							

1. RELINQUISHED BY SJ Conti	DATE 3/13/02	TIME 1200	1. RECEIVED BY ECO TEST COURIER	DATE	TIME
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

3/99
FORM NO. TtNUS-001

3/11/02 | 3/12/02 3/13/02 VPB 49C F-51

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP-VPB-031302

PAGE 1 OF 1

PROJECT NO:	SITE NAME:	PROJECT MANAGER AND PHONE NUMBER	LABORATORY NAME AND CONTACT:
N4037	NWIRP BETHPAGE	D BRAYACK 912 921 8375	ECO TEST / 631 422 5777
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER	ADDRESS
SJ Conti		SJ CONTI 912 921 8432	377 SHEFFIELD AVE
		CARRIER/WAYBILL NUMBER	CITY, STATE
		ECO TEST CARRIER ON 3/15/02	N BABYLON NY

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

DATE YEAR 2002	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	VOCs (40ml VOA)	VOCs (40ml VOA)							COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)						G	G							
PRESERVATIVE USED						4°C	4°C							
		VPB-49C												
3/13	1130	BP-TB-031302	AQ	G	2	2	—							
"	1230	BP-VPB-49C-441442	GW	G	2	—	2							
"	1355	BP-VPB-49C-461462	GW	G	2	—	2							
"	1530	BP-VPB 49C-481482	GW	G	2	—	2							
3/14	0745	BP-RB-031402	AQ	G	2	—	2							OVER HYDROPUNCH
"	0755	BP-VPB-49C-DM500	DM	G	2	—	2							DRILL MUD @ 500'
"	0915	BP-VPB-49C-501502	GW	G	2	—	2							
"	1335	BP-VPB 49C-532533	GW	G	2	—	2							
"	1505	BP-VPB-49C-542543	GW	G	2	—	2							

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY SJ Conti	3/15/02	1200 HRS	1. RECEIVED BY ECO TEST COURIER		
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

3/99
FORM NO. TtNUS-001

3/13

3/14

VPB 49C F-54

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.221052.01 03/14/02

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:03/06/02 RECEIVED:03/08/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-TB-030602

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/08/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/08/02	1	EPA8260
Chloroethane	ug/L	< 1		03/08/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/08/02	1	EPA8260
Acetone	ug/L	< 10		03/08/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/08/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/08/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/08/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/08/02	1	EPA8260
Chloroform	ug/L	< 1		03/08/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/08/02	1	EPA8260
2-Butanone	ug/L	< 10		03/08/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/08/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/08/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/08/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/08/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/08/02	1	EPA8260
Benzene	ug/L	< 1		03/08/02	1	EPA8260
Bromoform	ug/L	< 1		03/08/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/08/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/08/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/08/02	1	EPA8260
Toluene	ug/L	< 1		03/08/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/08/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/08/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-53

rn = 7265 NYSDOH ID # 10320

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.221052.01 03/14/02

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:03/06/02 RECEIVED:03/08/02
TIME COL'D:0800
MATRIX:Water SAMPLE: BP-TB-030602

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/08/02	1	EPA8260
Styrene	ug/L	< 1		03/08/02	1	EPA8260
o Xylene	ug/L	< 1		03/08/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/08/02	2	EPA8260
Xylene	ug/L	< 3		03/08/02	3	EPA8260
Bromomethane	ug/L	< 1		03/08/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/08/02	1	EPA8260
Freon 113	ug/L	< 1		03/08/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/08/02	1	EPA8[illegible]
Dichlordifluomethane	ug/L	< 1		03/08/02	1	EPA82[illegible]
c-1,3Dichloropropene	ug/L	< 1		03/08/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/08/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/08/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-54

DIRECTOR

rn = 7266 NYSDOH ID # 10320

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.221052.02 03/14/02

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:03/06/02 RECEIVED:03/08/02
TIME COL'D:1330
MATRIX:Water SAMPLE: BP-VPB-49C-052053

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/11/02	1	EPA8260
Chloroethane	ug/L	< 1		03/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/11/02	1	EPA8260
Acetone	ug/L	< 10		03/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
Chloroform	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
2-Butanone	ug/L	< 10		03/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Benzene	ug/L	< 1		03/11/02	1	EPA8260
Bromoform	ug/L	< 1		03/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/11/02	1	EPA8260
Toluene	ug/L	< 1		03/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-55

DIRECTOR

rn = 7267 NYSDOH ID # 10320

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.221052.02 03/14/02

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:03/06/02 RECEIVED:03/08/02
TIME COL'D:1330
MATRIX:Water SAMPLE: BP-VPB-49C-052053

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	1		03/11/02	1	EPA8260
Styrene	ug/L	< 1		03/11/02	1	EPA8260
o Xylene	ug/L	< 1		03/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/11/02	2	EPA8260
Xylene	ug/L	< 3		03/11/02	3	EPA8260
Bromomethane	ug/L	< 1		03/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/11/02	1	EPA8260
Freon 113	ug/L	< 1		03/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/11/02	1	EPA8[illegible]
Dichlordifluomethane	ug/L	< 1		03/11/02	1	EPA82[illegible]
c-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-56

DIRECTOR

rn = 7268 NYSDOH ID # 10320

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.221052.03 03/14/02

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:03/06/02 RECEIVED:03/08/02
TIME COL'D:1520
MATRIX:Water SAMPLE: BP-VPB-49C-101102

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/11/02	1	EPA8260
Chloroethane	ug/L	< 1		03/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/11/02	1	EPA8260
Acetone	ug/L	< 10		03/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
.,2 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
Chloroform	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
2-Butanone	ug/L	< 10		03/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Benzene	ug/L	< 1		03/11/02	1	EPA8260
Bromoform	ug/L	< 1		03/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/11/02	1	EPA8260
Toluene	ug/L	< 1		03/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-57 DIRECTOR

rn = 7269 NYSDOH ID # 10320

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.221052.03 03/14/02

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:03/06/02 RECEIVED:03/08/02
TIME COL'D:1520
MATRIX:Water SAMPLE: BP-VPB-49C-101102

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAl METHOD
Ethyl Benzene	ug/L	< 1		03/11/02	1	EPA8260
Styrene	ug/L	< 1		03/11/02	1	EPA8260
o Xylene	ug/L	< 1		03/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/11/02	2	EPA8260
Xylene	ug/L	< 3		03/11/02	3	EPA8260
Bromomethane	ug/L	< 1		03/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	4		03/11/02	1	EPA8260
Freon 113	ug/L	< 1		03/11/02	1	EPA826[illegible]
Trichlorofluomethane	ug/L	< 1		03/11/02	1	EPA82
Dichlordifluomethane	ug/L	< 1		03/11/02	1	EPA826[illegible]
c-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-58

DIRECTOR

rn = 7270 NYSDOH ID # 10320

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.221052.04 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1315
MATRIX:Water SAMPLE: BP-VPB-49C-152153

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/11/02	1	EPA8260
Chloroethane	ug/L	< 1		03/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/11/02	1	EPA8260
Acetone	ug/L	26		03/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
Chloroform	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
2-Butanone	ug/L	< 10		03/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Benzene	ug/L	< 1		03/11/02	1	EPA8260
Bromoform	ug/L	< 1		03/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/11/02	1	EPA8260
Toluene	ug/L	< 1		03/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-59

DIRECTOR

rn = 7271 NYSDOH ID # 10320

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.221052.04 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1315
MATRIX:Water SAMPLE: BP-VPB-49C-152153

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/11/02	1	EPA8260
Styrene	ug/L	< 1		03/11/02	1	EPA8260
o Xylene	ug/L	< 1		03/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/11/02	2	EPA8260
Xylene	ug/L	< 3		03/11/02	3	EPA8260
Bromomethane	ug/L	< 1		03/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	1		03/11/02	1	EPA8260
Freon 113	ug/L	< 1		03/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/11/02	1	EPA8[illegible]
Dichlordifluomethane	ug/L	< 1		03/11/02	1	EPA82[illegible]
c-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB 49C F-60

DIRECTOR

rn = 7272 NYSDOH ID # 10320

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.221052.05 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1145
MATRIX:Water SAMPLE: BP-RB-030702

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/08/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/08/02	1	EPA8260
Chloroethane	ug/L	< 1		03/08/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/08/02	1	EPA8260
Acetone	ug/L	< 10		03/08/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/08/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/08/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/08/02	1	EPA8260
,2 Dichloroethene	ug/L	< 1		03/08/02	1	EPA8260
Chloroform	ug/L	< 1		03/08/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/08/02	1	EPA8260
2-Butanone	ug/L	< 10		03/08/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/08/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/08/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/08/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/08/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/08/02	1	EPA8260
Benzene	ug/L	< 1		03/08/02	1	EPA8260
Bromoform	ug/L	< 1		03/08/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/08/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/08/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/08/02	1	EPA8260
Toluene	ug/L	< 1		03/08/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/08/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/08/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-61

DIRECTOR

rn = 7273 NYSDOH ID # 10320

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.221052.05 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1145
MATRIX:Water SAMPLE: BP-RB-030702

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTIC METHOD
Ethyl Benzene	ug/L	< 1		03/08/02	1	EPA8260
Styrene	ug/L	< 1		03/08/02	1	EPA8260
o Xylene	ug/L	< 1		03/08/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/08/02	2	EPA8260
Xylene	ug/L	< 3		03/08/02	3	EPA8260
Bromomethane	ug/L	< 1		03/08/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/08/02	1	EPA8260
Freon 113	ug/L	< 1		03/08/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/08/02	1	EPA8
Dichlordifluomethane	ug/L	< 1		03/08/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/08/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/08/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/08/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-62 DIRECTOR

rn = 7274 NYSDOH ID # 10320

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.221052.06 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-49C-DUP1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTIC METHOD
Chloromethane	ug/L	< 1		03/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/11/02	1	EPA8260
Chloroethane	ug/L	< 1		03/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/11/02	1	EPA8260
Acetone	ug/L	34		03/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
Chloroform	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
2-Butanone	ug/L	< 10		03/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Benzene	ug/L	< 1		03/11/02	1	EPA8260
Bromoform	ug/L	< 1		03/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/11/02	1	EPA8260
Toluene	ug/L	< 1		03/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-63

DIRECTOR

rn = 7275 NYSDOH ID # 10320

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.221052.06 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-49C-DUP1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/11/02	1	EPA8260
Styrene	ug/L	< 1		03/11/02	1	EPA8260
o Xylene	ug/L	< 1		03/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/11/02	2	EPA8260
Xylene	ug/L	< 3		03/11/02	3	EPA8260
Bromomethane	ug/L	< 1		03/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	1		03/11/02	1	EPA8260
Freon 113	ug/L	< 1		03/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/11/02	1	EPA8
Dichlordifluomethane	ug/L	< 1		03/11/02	1	EPA82[illegible]
c-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-64

DIRECTOR

rn = 7276 NYSDOH ID # 10320

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.221052.07 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1415
MATRIX:Water SAMPLE: BP-VPB-49C-DM200

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/11/02	1	EPA8260
Chloroethane	ug/L	< 1		03/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/11/02	1	EPA8260
Acetone	ug/L	29		03/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
Chloroform	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
2-Butanone	ug/L	< 10		03/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Benzene	ug/L	< 1		03/11/02	1	EPA8260
Bromoform	ug/L	< 1		03/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/11/02	1	EPA8260
Toluene	ug/L	< 1		03/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-65

DIRECTOR

rn = 7277 NYSDOH ID # 10320

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.221052.07 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1415
MATRIX:Water SAMPLE: BP-VPB-49C-DM200

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/11/02	1	EPA8260
Styrene	ug/L	< 1		03/11/02	1	EPA8260
o Xylene	ug/L	< 1		03/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/11/02	2	EPA8260
Xylene	ug/L	< 3		03/11/02	3	EPA8260
Bromomethane	ug/L	< 1		03/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	1		03/11/02	1	EPA8260
Freon 113	ug/L	< 1		03/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/11/02	1	EPA8[illegible]
Dichlordifluomethane	ug/L	< 1		03/11/02	1	EPA82[illegible]
c-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-66

DIRECTOR

rn = 7278 NYSDOH ID # 10320

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.221052.08 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1535
MATRIX:Water SAMPLE: BP-VPB-49C-201202

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTIC. METHOD
Chloromethane	ug/L	< 1		03/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/11/02	1	EPA8260
Chloroethane	ug/L	< 1		03/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/11/02	1	EPA8260
Acetone	ug/L	30		03/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
Chloroform	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
2-Butanone	ug/L	< 10		03/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Benzene	ug/L	< 1		03/11/02	1	EPA8260
Bromoform	ug/L	< 1		03/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/11/02	1	EPA8260
Toluene	ug/L	< 1		03/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-67

DIRECTOR

rn = 7279 NYSDOH ID # 10320

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.221052.08 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1535
MATRIX:Water SAMPLE: BP-VPB-49C-201202

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/11/02	1	EPA8260
Styrene	ug/L	< 1		03/11/02	1	EPA8260
o Xylene	ug/L	< 1		03/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/11/02	2	EPA8260
Xylene	ug/L	< 3		03/11/02	3	EPA8260
Bromomethane	ug/L	< 1		03/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/11/02	1	EPA8260
Freon 113	ug/L	< 1		03/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/11/02	1	EPA82
Dichlordifluomethane	ug/L	< 1		03/11/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-68

DIRECTOR

rn = 7280 NYSDOH ID # 10320

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.221052.09 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1705
MATRIX:Water SAMPLE: BP-VPB-49C-221222

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/11/02	1	EPA8260
Chloroethane	ug/L	< 1		03/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/11/02	1	EPA8260
Acetone	ug/L	< 10		03/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
,2 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
Chloroform	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
2-Butanone	ug/L	< 10		03/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Benzene	ug/L	< 1		03/11/02	1	EPA8260
Bromoform	ug/L	< 1		03/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/11/02	1	EPA8260
Toluene	ug/L	< 1		03/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-69 DIRECTOR

rn = 7281 NYSDOH ID # 10320

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.221052.09 03/14/02

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:03/07/02 RECEIVED:03/08/02
TIME COL'D:1705
MATRIX:Water SAMPLE: BP-VPB-49C-221222

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAI METHOD
Ethyl Benzene	ug/L	< 1		03/11/02	1	EPA8260
Styrene	ug/L	< 1		03/11/02	1	EPA8260
o Xylene	ug/L	< 1		03/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/11/02	2	EPA8260
Xylene	ug/L	< 3		03/11/02	3	EPA8260
Bromomethane	ug/L	< 1		03/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/11/02	1	EPA8260
Freon 113	ug/L	< 1		03/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/11/02	1	EPA82
Dichlordifluomethane	ug/L	< 1		03/11/02	1	EPA826
c-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-70 DIRECTOR

rn = 7282 NYSDOH ID # 10320

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.221052.10 03/14/02

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:03/08/02 RECEIVED:03/08/02
TIME COL'D:0850
MATRIX:Water SAMPLE: BP-VPB-49C-242243

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/11/02	1	EPA8260
Chloroethane	ug/L	< 1		03/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/11/02	1	EPA8260
Acetone	ug/L	31		03/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
,2 Dichloroethene	ug/L	< 1		03/11/02	1	EPA8260
Chloroform	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
2-Butanone	ug/L	< 10		03/11/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Benzene	ug/L	< 1		03/11/02	1	EPA8260
Bromoform	ug/L	< 1		03/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/11/02	1	EPA8260
Toluene	ug/L	< 1		03/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-71

rn = 7283 NYSDOH ID # 10320

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.221052.10 03/14/02

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:03/08/02 RECEIVED:03/08/02
TIME COL'D:0850
MATRIX:Water SAMPLE: BP-VPB-49C-242243

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/11/02	1	EPA8260
Styrene	ug/L	< 1		03/11/02	1	EPA8260
o Xylene	ug/L	< 1		03/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/11/02	2	EPA8260
Xylene	ug/L	< 3		03/11/02	3	EPA8260
Bromomethane	ug/L	< 1		03/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	1		03/11/02	1	EPA8260
Freon 113	ug/L	< 1		03/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/11/02	1	EPA8
Dichlordifluomethane	ug/L	< 1		03/11/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-72

rn = 7284 NYSDOH ID # 10320

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.221052.11 03/14/02

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:03/08/02 RECEIVED:03/08/02
TIME COL'D:1015
MATRIX:Water SAMPLE: BP-VPB-49C-261262

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/11/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/11/02	1	EPA8260
Chloroethane	ug/L	< 1		03/11/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/11/02	1	EPA8260
Acetone	ug/L	< 10		03/11/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/11/02	1	EPA8260
1,1 Dichloroethene	ug/L	3		03/11/02	1	EPA8260
1,1 Dichloroethane	ug/L	11		03/11/02	1	EPA8260
2 Dichloroethene	ug/L	1		03/11/02	1	EPA8260
loroform	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/11/02	1	EPA8260
2-Butanone	ug/L	< 10		03/11/02	10	EPA8260
111 Trichloroethane	ug/L	7		03/11/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/11/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/11/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/11/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/11/02	1	EPA8260
Benzene	ug/L	< 1		03/11/02	1	EPA8260
Bromoform	ug/L	< 1		03/11/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/11/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/11/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/11/02	1	EPA8260
Toluene	ug/L	< 1		03/11/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/11/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-73 DIRECTOR

rn = 7285 NYSDOH ID # 10320

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.221052.11 03/14/02

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:03/08/02 RECEIVED:03/08/02
TIME COL'D:1015
MATRIX:Water SAMPLE: BP-VPB-49C-261262

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAI METHOD
Ethyl Benzene	ug/L	< 1		03/11/02	1	EPA8260
Styrene	ug/L	< 1		03/11/02	1	EPA8260
o Xylene	ug/L	< 1		03/11/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/11/02	2	EPA8260
Xylene	ug/L	< 3		03/11/02	3	EPA8260
Bromomethane	ug/L	< 1		03/11/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/11/02	1	EPA8260
Freon 113	ug/L	< 1		03/11/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/11/02	1	EPA82
Dichlordifluomethane	ug/L	< 1		03/11/02	1	EPA82
c-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/11/02	1	EPA8260
Trichloroethene	ug/L	35		03/11/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-74

DIRECTOR

rn = 7286 NYSDOH ID # 10320

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.221142.01 03/15/02

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:03/11/02 RECEIVED:03/13/02
TIME COL'D:1125
MATRIX:Water SAMPLE: BP-TB-031102

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/14/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/14/02	1	EPA8260
Chloroethane	ug/L	< 1		03/14/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/14/02	1	EPA8260
Acetone	ug/L	< 10		03/14/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
Chloroform	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
2-Butanone	ug/L	< 10		03/14/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/14/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/14/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Benzene	ug/L	< 1		03/14/02	1	EPA8260
Bromoform	ug/L	< 1		03/14/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/14/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/14/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/14/02	1	EPA8260
Toluene	ug/L	< 1		03/14/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/14/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-75

DIRECTOR

rn = 7850 NYSDOH ID # 10320

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.221142.01 03/15/02

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:03/11/02 RECEIVED:03/13/02
TIME COL'D:1125
MATRIX:Water SAMPLE: BP-TB-031102

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/14/02	1	EPA8260
Styrene	ug/L	< 1		03/14/02	1	EPA8260
o Xylene	ug/L	< 1		03/14/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/14/02	2	EPA8260
Xylene	ug/L	< 3		03/14/02	1	EPA8260
Bromomethane	ug/L	< 1		03/14/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/14/02	1	EPA8260
Freon 113	ug/L	< 1		03/14/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/14/02	1	EPA8[illegible]
Dichlordifluomethane	ug/L	< 1		03/14/02	1	EPA8[illegible]
c-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-76

rn = 7851 NYSDOH ID # 10320

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.221142.02 03/15/02

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:03/11/02 RECEIVED:03/13/02
TIME COL'D:1330
MATRIX:Water SAMPLE: BP-VPB-49C-281282

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTIC METHOD
Chloromethane	ug/L	< 1		03/14/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/14/02	1	EPA8260
Chloroethane	ug/L	< 1		03/14/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/14/02	1	EPA8260
Acetone	ug/L	< 10		03/14/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
Chloroform	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
2-Butanone	ug/L	< 10		03/14/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/14/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/14/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Benzene	ug/L	< 1		03/14/02	1	EPA8260
Bromoform	ug/L	< 1		03/14/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/14/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/14/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/14/02	1	EPA8260
Toluene	ug/L	< 1		03/14/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/14/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-77 DIRECTOR

rn = 7852 NYSDOH ID # 10320

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.221142.02 03/15/02

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:03/11/02 RECEIVED:03/13/02
TIME COL'D:1330
MATRIX:Water SAMPLE: BP-VPB-49C-281282

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/14/02	1	EPA8260
Styrene	ug/L	< 1		03/14/02	1	EPA8260
o Xylene	ug/L	< 1		03/14/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/14/02	2	EPA8260
Xylene	ug/L	< 3		03/14/02	1	EPA8260
Bromomethane	ug/L	< 1		03/14/02	1	EPA8260
ter.ButylMethylEther	ug/L	2		03/14/02	1	EPA8260
Freon 113	ug/L	< 1		03/14/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/14/02	1	EPA8
Dichlordifluomethane	ug/L	< 1		03/14/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-78

DIRECTOR

rn = 7853 NYSDOH ID # 10320

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.221142.03 03/15/02

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:03/11/02 RECEIVED:03/13/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-49C-301302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/14/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/14/02	1	EPA8260
Chloroethane	ug/L	< 1		03/14/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/14/02	1	EPA8260
Acetone	ug/L	< 10		03/14/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethene	ug/L	2		03/14/02	1	EPA8260
1,1 Dichloroethane	ug/L	7		03/14/02	1	EPA8260
1,2 Dichloroethene	ug/L	1		03/14/02	1	EPA8260
Chloroform	ug/L	1		03/14/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
2-Butanone	ug/L	< 10		03/14/02	10	EPA8260
111 Trichloroethane	ug/L	5		03/14/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/14/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/14/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Benzene	ug/L	< 1		03/14/02	1	EPA8260
Bromoform	ug/L	< 1		03/14/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/14/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/14/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/14/02	1	EPA8260
Toluene	ug/L	< 1		03/14/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/14/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-79

DIRECTOR

rn = 7854 NYSDOH ID # 10320

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.221142.03 03/15/02

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:03/11/02 RECEIVED:03/13/02
TIME COL'D:1500
MATRIX:Water SAMPLE: BP-VPB-49C-301302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/14/02	1	EPA8260
Styrene	ug/L	< 1		03/14/02	1	EPA8260
o Xylene	ug/L	< 1		03/14/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/14/02	2	EPA8260
Xylene	ug/L	< 3		03/14/02	1	EPA8260
Bromomethane	ug/L	< 1		03/14/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/14/02	1	EPA8260
Freon 113	ug/L	< 1		03/14/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/14/02	1	EPA8
Dichlordifluomethane	ug/L	< 1		03/14/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
Trichloroethene	ug/L	27		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-80

rn = 7855 NYSDOH ID # 10320

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.221142.04 03/15/02

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:03/11/02 RECEIVED:03/13/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-49C-DUP2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTIC METHOD
Chloromethane	ug/L	< 1		03/14/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/14/02	1	EPA8260
Chloroethane	ug/L	< 1		03/14/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/14/02	1	EPA8260
Acetone	ug/L	< 10		03/14/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethene	ug/L	2		03/14/02	1	EPA8260
1,1 Dichloroethane	ug/L	7		03/14/02	1	EPA8260
1,2 Dichloroethene	ug/L	1		03/14/02	1	EPA8260
Chloroform	ug/L	1		03/14/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
2-Butanone	ug/L	< 10		03/14/02	10	EPA8260
111 Trichloroethane	ug/L	5		03/14/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/14/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/14/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Benzene	ug/L	< 1		03/14/02	1	EPA8260
Bromoform	ug/L	< 1		03/14/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/14/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/14/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/14/02	1	EPA8260
Toluene	ug/L	< 1		03/14/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/14/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-81

DIRECTOR

rn = 7856 NYSDOH ID # 10320

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.221142.04 03/15/02

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:03/11/02 RECEIVED:03/13/02
TIME COL'D:0000
MATRIX:Water SAMPLE: BP-VPB-49C-DUP2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTIC METHOD
Ethyl Benzene	ug/L	< 1		03/14/02	1	EPA8260
Styrene	ug/L	< 1		03/14/02	1	EPA8260
o Xylene	ug/L	< 1		03/14/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/14/02	2	EPA8260
Xylene	ug/L	< 3		03/14/02	1	EPA8260
Bromomethane	ug/L	< 1		03/14/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/14/02	1	EPA8260
Freon 113	ug/L	< 1		03/14/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/14/02	1	EPA8
Dichlordifluomethane	ug/L	< 1		03/14/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
Trichloroethene	ug/L	29		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-82

DIRECTOR

rn = 7857 NYSDOH ID # 10320

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.221142.05 03/15/02

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:03/12/02 RECEIVED:03/13/02
TIME COL'D:0930
MATRIX:Water SAMPLE: BP-VPB-49C-321322

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTIC METHOD
Chloromethane	ug/L	< 1		03/14/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/14/02	1	EPA8260
Chloroethane	ug/L	< 1		03/14/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/14/02	1	EPA8260
Acetone	ug/L	< 10		03/14/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
Chloroform	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
2-Butanone	ug/L	< 10		03/14/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/14/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/14/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Benzene	ug/L	< 1		03/14/02	1	EPA8260
Bromoform	ug/L	< 1		03/14/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/14/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/14/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/14/02	1	EPA8260
Toluene	ug/L	< 1		03/14/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/14/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-83 DIRECTOR

rn = 7858 NYSDOH ID # 10320

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.221142.05 03/15/02

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:03/12/02 RECEIVED:03/13/02
TIME COL'D:0930
MATRIX:Water SAMPLE: BP-VPB-49C-321322

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTIC METHOD
Ethyl Benzene	ug/L	< 1		03/14/02	1	EPA8260
Styrene	ug/L	< 1		03/14/02	1	EPA8260
o Xylene	ug/L	< 1		03/14/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/14/02	2	EPA8260
Xylene	ug/L	< 3		03/14/02	1	EPA8260
Bromomethane	ug/L	< 1		03/14/02	1	EPA8260
ter.ButylMethylEther	ug/L	1		03/14/02	1	EPA8260
Freon 113	ug/L	< 1		03/14/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/14/02	1	EPA8[illegible]
Dichlordifluomethane	ug/L	< 1		03/14/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-84

DIRECTOR

rn = 7859 NYSDOH ID # 10320

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.221142.06 03/15/02

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:03/12/02 RECEIVED:03/13/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-49C-342343

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/14/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/14/02	1	EPA8260
Chloroethane	ug/L	< 1		03/14/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/14/02	1	EPA8260
Acetone	ug/L	< 10		03/14/02	10	EPA8260
Carbon disulfide	ug/L	1		03/14/02	1	EPA8260
1,1 Dichloroethene	ug/L	1		03/14/02	1	EPA8260
1,1 Dichloroethane	ug/L	5		03/14/02	1	EPA8260
',2 Dichloroethene	ug/L	5		03/14/02	1	EPA8260
,hloroform	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethane	ug/L	4		03/14/02	1	EPA8260
2-Butanone	ug/L	< 10		03/14/02	10	EPA8260
111 Trichloroethane	ug/L	1		03/14/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/14/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/14/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Benzene	ug/L	< 1		03/14/02	1	EPA8260
Bromoform	ug/L	< 1		03/14/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/14/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/14/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/14/02	1	EPA8260
Toluene	ug/L	< 1		03/14/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/14/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-85

DIRECTOR

rn = 7860 NYSDOH ID # 10320

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.221142.06 03/15/02

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:03/12/02 RECEIVED:03/13/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-49C-342343

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/14/02	1	EPA8260
Styrene	ug/L	< 1		03/14/02	1	EPA8260
o Xylene	ug/L	< 1		03/14/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/14/02	2	EPA8260
Xylene	ug/L	< 3		03/14/02	1	EPA8260
Bromomethane	ug/L	< 1		03/14/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/14/02	1	EPA8260
Freon 113	ug/L	< 1		03/14/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/14/02	1	EPA8[illegible]
Dichlordifluomethane	ug/L	< 1		03/14/02	1	EPA82[illegible]
c-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
Trichloroethene	ug/L	40		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-86

DIRECTOR

rn = 7861 NYSDOH ID # 10320

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.221142.07 03/15/02

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:03/12/02 RECEIVED:03/13/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-49C-362363

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/14/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/14/02	1	EPA8260
Chloroethane	ug/L	< 1		03/14/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/14/02	1	EPA8260
Acetone	ug/L	17		03/14/02	10	EPA8260
Carbon disulfide	ug/L	2		03/14/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
Chloroform	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
2-Butanone	ug/L	< 10		03/14/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/14/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/14/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Benzene	ug/L	< 1		03/14/02	1	EPA8260
Bromoform	ug/L	< 1		03/14/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/14/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/14/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/14/02	1	EPA8260
Toluene	ug/L	< 1		03/14/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/14/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-87

DIRECTOR

rn = 7862 NYSDOH ID # 10320

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.221142.07 03/15/02

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:03/12/02 RECEIVED:03/13/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-49C-362363

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/14/02	1	EPA8260
Styrene	ug/L	< 1		03/14/02	1	EPA8260
o Xylene	ug/L	< 1		03/14/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/14/02	2	EPA8260
Xylene	ug/L	< 3		03/14/02	1	EPA8260
Bromomethane	ug/L	< 1		03/14/02	1	EPA8260
ter.ButylMethylEther	ug/L	2		03/14/02	1	EPA8260
Freon 113	ug/L	< 1		03/14/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/14/02	1	EPA8
Dichlordifluomethane	ug/L	< 1		03/14/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
Trichloroethene	ug/L	6		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-88

DIRECTOR

rn = 7863 NYSDOH ID # 10320

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.221142.08 03/15/02

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:03/13/02 RECEIVED:03/13/02
TIME COL'D:0930
MATRIX:Water SAMPLE: BP-VPB-49C-411412

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/14/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/14/02	1	EPA8260
Chloroethane	ug/L	< 1		03/14/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/14/02	1	EPA8260
Acetone	ug/L	< 10		03/14/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
,2 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
Chloroform	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
2-Butanone	ug/L	< 10		03/14/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/14/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/14/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Benzene	ug/L	< 1		03/14/02	1	EPA8260
Bromoform	ug/L	< 1		03/14/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/14/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/14/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/14/02	1	EPA8260
Toluene	ug/L	< 1		03/14/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/14/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-89

DIRECTOR

rn = 7864 NYSDOH ID # 10320

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.221142.08 03/15/02

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:03/13/02 RECEIVED:03/13/02
TIME COL'D:0930
MATRIX:Water SAMPLE: BP-VPB-49C-411412

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/14/02	1	EPA8260
Styrene	ug/L	< 1		03/14/02	1	EPA8260
o Xylene	ug/L	< 1		03/14/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/14/02	2	EPA8260
Xylene	ug/L	< 3		03/14/02	1	EPA8260
Bromomethane	ug/L	< 1		03/14/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/14/02	1	EPA8260
Freon 113	ug/L	< 1		03/14/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/14/02	1	EPA8[illegible]
Dichlordifluomethane	ug/L	< 1		03/14/02	1	EPA82[illegible]
c-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-90

DIRECTOR

rn = 7865 NYSDOH ID # 10320

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.221142.09 03/15/02

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:03/13/02 RECEIVED:03/13/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-49C-421422

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 1		03/14/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/14/02	1	EPA8260
Chloroethane	ug/L	< 1		03/14/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/14/02	1	EPA8260
Acetone	ug/L	14		03/14/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethene	ug/L	< 1		03/14/02	1	EPA8260
Chloroform	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/14/02	1	EPA8260
2-Butanone	ug/L	< 10		03/14/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/14/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/14/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/14/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/14/02	1	EPA8260
Benzene	ug/L	< 1		03/14/02	1	EPA8260
Bromoform	ug/L	< 1		03/14/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/14/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/14/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/14/02	1	EPA8260
Toluene	ug/L	2		03/14/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/14/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-91 DIRECTOR

rn = 7866 NYSDOH ID # 10320

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.221142.09 03/15/02

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:03/13/02 RECEIVED:03/13/02
TIME COL'D:1105
MATRIX:Water SAMPLE: BP-VPB-49C-421422

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Ethyl Benzene	ug/L	< 1		03/14/02	1	EPA8260
Styrene	ug/L	< 1		03/14/02	1	EPA8260
o Xylene	ug/L	< 1		03/14/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/14/02	2	EPA8260
Xylene	ug/L	< 3		03/14/02	1	EPA8260
Bromomethane	ug/L	< 1		03/14/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/14/02	1	EPA8260
Freon 113	ug/L	< 1		03/14/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/14/02	1	EPA8
Dichlordifluomethane	ug/L	< 1		03/14/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/14/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/14/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-92

DIRECTOR

rn = 7867 NYSDOH ID # 10320

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.221178.01 03/20/02

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:03/13/02 RECEIVED:03/15/02
TIME COL'D:1130
MATRIX:Water SAMPLE: BP-TB-031302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/15/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/15/02	1	EPA8260
Chloroethane	ug/L	< 1		03/15/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/15/02	1	EPA8260
Acetone	ug/L	< 10		03/15/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/15/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/15/02	1	EPA8260
1 1 Dichloroethane	ug/L	< 1		03/15/02	1	EPA8260
Dichloroethene	ug/L	< 2		03/15/02	1	EPA8260
Chloroform	ug/L	< 1		03/15/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/15/02	1	EPA8260
2-Butanone	ug/L	< 10		03/15/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/15/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/15/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/15/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/15/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/15/02	1	EPA8260
Benzene	ug/L	< 1		03/15/02	1	EPA8260
Bromoform	ug/L	< 1		03/15/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/15/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/15/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/15/02	1	EPA8260
Toluene	ug/L	< 1		03/15/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/15/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-93 DIRECTOR

rn = 8105 NYSDOH ID # 10320

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.221178.01 03/20/02

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:03/13/02 RECEIVED:03/15/02
TIME COL'D:1130
MATRIX:Water SAMPLE: BP-TB-031302

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/15/02	1	EPA8260
Styrene	ug/L	< 1		03/15/02	1	EPA8260
o Xylene	ug/L	< 1		03/15/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/15/02	2	EPA8260
Xylene	ug/L	< 3		03/15/02	3	EPA8260
Bromomethane	ug/L	< 1		03/15/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/15/02	1	EPA8260
Freon 113	ug/L	< 1		03/15/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/15/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		03/15/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/15/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/15/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-94 DIRECTOR

rn = 8106 NYSDOH ID # 10320

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.221178.02 03/20/02

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:03/13/02 RECEIVED:03/15/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-49C-441442

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/18/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/18/02	1	EPA8260
Chloroethane	ug/L	< 1		03/18/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/18/02	1	EPA8260
Acetone	ug/L	< 10		03/18/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/18/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
1 1 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
Chloroform	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
2-Butanone	ug/L	< 10		03/18/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/18/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/18/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Benzene	ug/L	< 1		03/18/02	1	EPA8260
Bromoform	ug/L	< 1		03/18/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/18/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/18/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/18/02	1	EPA8260
Toluene	ug/L	< 1		03/18/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/18/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-95 DIRECTOR

rn = 8107 NYSDOH ID # 10320

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.221178.02 03/20/02

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:03/13/02 RECEIVED:03/15/02
TIME COL'D:1230
MATRIX:Water SAMPLE: BP-VPB-49C-441442

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/18/02	1	EPA8260
Styrene	ug/L	< 1		03/18/02	1	EPA8260
o Xylene	ug/L	< 1		03/18/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/18/02	2	EPA8260
Xylene	ug/L	< 3		03/18/02	3	EPA8260
Bromomethane	ug/L	< 1		03/18/02	1	EPA8260
ter.ButylMethylEther	ug/L	1		03/18/02	1	EPA8260
Freon 113	ug/L	< 1		03/18/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/18/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		03/18/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-96

DIRECTOR

rn = 8108 NYSDOH ID # 10320

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.221178.03 03/20/02

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:03/13/02 RECEIVED:03/15/02
TIME COL'D:1355
MATRIX:Water SAMPLE: BP-VPB-49C-461462

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/18/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/18/02	1	EPA8260
Chloroethane	ug/L	< 1		03/18/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/18/02	1	EPA8260
Acetone	ug/L	< 10		03/18/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/18/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
1 1 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
2 Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
Chloroform	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
2-Butanone	ug/L	< 10		03/18/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/18/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/18/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Benzene	ug/L	< 1		03/18/02	1	EPA8260
Bromoform	ug/L	< 1		03/18/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/18/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/18/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/18/02	1	EPA8260
Toluene	ug/L	< 1		03/18/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/18/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB 49C F-97

DIRECTOR

rn = 8109 NYSDOH ID # 10320

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.221178.03 03/20/02

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:03/13/02 RECEIVED:03/15/02
TIME COL'D:1355
MATRIX:Water SAMPLE: BP-VPB-49C-461462

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/18/02	1	EPA8260
Styrene	ug/L	< 1		03/18/02	1	EPA8260
o Xylene	ug/L	< 1		03/18/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/18/02	2	EPA8260
Xylene	ug/L	< 3		03/18/02	3	EPA8260
Bromomethane	ug/L	< 1		03/18/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/18/02	1	EPA8260
Freon 113	ug/L	< 1		03/18/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/18/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		03/18/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-98

DIRECTOR

rn = 8110 NYSDOH ID # 10320

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.221178.04 03/20/02

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:03/13/02 RECEIVED:03/15/02
TIME COL'D:1530
MATRIX:Water SAMPLE: BP-VPB-49C-481482

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/18/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/18/02	1	EPA8260
Chloroethane	ug/L	< 1		03/18/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/18/02	1	EPA8260
Acetone	ug/L	< 10		03/18/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/18/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
' 1 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
. Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
Chloroform	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
2-Butanone	ug/L	< 10		03/18/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/18/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/18/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Benzene	ug/L	< 1		03/18/02	1	EPA8260
Bromoform	ug/L	< 1		03/18/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/18/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/18/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/18/02	1	EPA8260
Toluene	ug/L	< 1		03/18/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/18/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-99

DIRECTOR

rn = 8111 NYSDOH ID # 10320

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.221178.04 03/20/02

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:03/13/02 RECEIVED:03/15/02
TIME COL'D:1530
MATRIX:Water SAMPLE: BP-VPB-49C-481482

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/18/02	1	EPA8260
Styrene	ug/L	< 1		03/18/02	1	EPA8260
o Xylene	ug/L	< 1		03/18/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/18/02	2	EPA8260
Xylene	ug/L	< 3		03/18/02	3	EPA8260
Bromomethane	ug/L	< 1		03/18/02	1	EPA8260
ter.ButylMethylEther	ug/L	2		03/18/02	1	EPA8260
Freon 113	ug/L	< 1		03/18/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/18/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		03/18/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-100

DIRECTOR

rn = 8112 NYSDOH ID # 10320

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.221178.05 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:0745
MATRIX:Water SAMPLE: BP-RB-031402

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/15/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/15/02	1	EPA8260
Chloroethane	ug/L	< 1		03/15/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/15/02	1	EPA8260
Acetone	ug/L	< 10		03/15/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/15/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/15/02	1	EPA8260
1 1 Dichloroethane	ug/L	< 1		03/15/02	1	EPA8260
1 Dichloroethene	ug/L	< 2		03/15/02	1	EPA8260
Chloroform	ug/L	< 1		03/15/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/15/02	1	EPA8260
2-Butanone	ug/L	< 10		03/15/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/15/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/15/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/15/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/15/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/15/02	1	EPA8260
Benzene	ug/L	< 1		03/15/02	1	EPA8260
Bromoform	ug/L	< 1		03/15/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/15/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/15/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/15/02	1	EPA8260
Toluene	ug/L	< 1		03/15/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/15/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-101

rn = 8113 NYSDOH ID # 10320

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.221178.05 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:0745
MATRIX:Water SAMPLE: BP-RB-031402

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/15/02	1	EPA8260
Styrene	ug/L	< 1		03/15/02	1	EPA8260
o Xylene	ug/L	< 1		03/15/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/15/02	2	EPA8260
Xylene	ug/L	< 3		03/15/02	3	EPA8260
Bromomethane	ug/L	< 1		03/15/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/15/02	1	EPA8260
Freon 113	ug/L	< 1		03/15/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/15/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		03/15/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/15/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/15/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/15/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-102

DIRECTOR

rn = 8114 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.221178.06 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:0755
MATRIX:Water SAMPLE: BP-VPB-49C-DM500

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/18/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/18/02	1	EPA8260
Chloroethane	ug/L	< 1		03/18/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/18/02	1	EPA8260
Acetone	ug/L	< 10		03/18/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/18/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
1 1 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
Chloroform	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
2-Butanone	ug/L	< 10		03/18/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/18/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/18/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Benzene	ug/L	< 1		03/18/02	1	EPA8260
Bromoform	ug/L	< 1		03/18/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/18/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/18/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/18/02	1	EPA8260
Toluene	ug/L	< 1		03/18/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/18/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-103

DIRECTOR

rn = 8115 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.221178.06 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:0755
MATRIX:Water SAMPLE: BP-VPB-49C-DM500

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/18/02	1	EPA8260
Styrene	ug/L	< 1		03/18/02	1	EPA8260
o Xylene	ug/L	< 1		03/18/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/18/02	2	EPA8260
Xylene	ug/L	< 3		03/18/02	3	EPA8260
Bromomethane	ug/L	< 1		03/18/02	1	EPA8260
ter.ButylMethylEther	ug/L	2		03/18/02	1	EPA8260
Freon 113	ug/L	< 1		03/18/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/18/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		03/18/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
Trichloroethene	ug/L	1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-104

DIRECTOR

rn = 8116 NYSDOH ID # 10320

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.221178.07 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:0915
MATRIX:Water SAMPLE: BP-VPB-49C-501502

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/18/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/18/02	1	EPA8260
Chloroethane	ug/L	< 1		03/18/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/18/02	1	EPA8260
Acetone	ug/L	< 10		03/18/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/18/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
1 1 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
Chloroform	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
2-Butanone	ug/L	< 10		03/18/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/18/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/18/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Benzene	ug/L	< 1		03/18/02	1	EPA8260
Bromoform	ug/L	< 1		03/18/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/18/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/18/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/18/02	1	EPA8260
Toluene	ug/L	< 1		03/18/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/18/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-105

rn = 8117 NYSDOH ID # 10320

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.221178.07 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:0915
MATRIX:Water SAMPLE: BP-VPB-49C-501502

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/18/02	1	EPA8260
Styrene	ug/L	< 1		03/18/02	1	EPA8260
o Xylene	ug/L	< 1		03/18/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/18/02	2	EPA8260
Xylene	ug/L	< 3		03/18/02	3	EPA8260
Bromomethane	ug/L	< 1		03/18/02	1	EPA8260
ter.ButylMethylEther	ug/L	2		03/18/02	1	EPA8260
Freon 113	ug/L	< 1		03/18/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/18/02	1	EPA826C
Dichlordifluomethane	ug/L	< 1		03/18/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
Trichloroethene	ug/L	1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

VPB49C F-106

rn = 8118 NYSDOH ID # 10320

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.221178.08 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-49C-532533

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/18/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/18/02	1	EPA8260
Chloroethane	ug/L	< 1		03/18/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/18/02	1	EPA8260
Acetone	ug/L	< 10		03/18/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/18/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
1 1 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
Chloroform	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
2-Butanone	ug/L	< 10		03/18/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/18/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/18/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Benzene	ug/L	< 1		03/18/02	1	EPA8260
Bromoform	ug/L	< 1		03/18/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/18/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/18/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/18/02	1	EPA8260
Toluene	ug/L	< 1		03/18/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/18/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-107 DIRECTOR

rn = 8119 NYSDOH ID # 10320

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.221178.08 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:1335
MATRIX:Water SAMPLE: BP-VPB-49C-532533

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/18/02	1	EPA8260
Styrene	ug/L	< 1		03/18/02	1	EPA8260
o Xylene	ug/L	< 1		03/18/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/18/02	2	EPA8260
Xylene	ug/L	< 3		03/18/02	3	EPA8260
Bromomethane	ug/L	< 1		03/18/02	1	EPA8260
ter.ButylMethylEther	ug/L	2		03/18/02	1	EPA8260
Freon 113	ug/L	< 1		03/18/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/18/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		03/18/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
Trichloroethene	ug/L	1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB 49C F-108

DIRECTOR

rn = 8120 NYSDOH ID # 10320

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.221178.09 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:1505
MATRIX:Water SAMPLE: BP-VPB-49C-542543

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/18/02	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/18/02	1	EPA8260
Chloroethane	ug/L	< 1		03/18/02	1	EPA8260
Methylene Chloride	ug/L	< 1		03/18/02	1	EPA8260
Acetone	ug/L	< 10		03/18/02	10	EPA8260
Carbon disulfide	ug/L	< 1		03/18/02	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
1 1 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
1 Dichloroethene	ug/L	< 1		03/18/02	1	EPA8260
Chloroform	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/18/02	1	EPA8260
2-Butanone	ug/L	< 10		03/18/02	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/18/02	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/18/02	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/18/02	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/18/02	1	EPA8260
Benzene	ug/L	< 1		03/18/02	1	EPA8260
Bromoform	ug/L	< 1		03/18/02	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/18/02	10	EPA8260
2-Hexanone	ug/L	< 10		03/18/02	10	EPA8260
Tetrachloroethene	ug/L	< 1		03/18/02	1	EPA8260
Toluene	ug/L	< 1		03/18/02	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/18/02	1	EPA8260
Chlorobenzene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-109 DIRECTOR

rn = 8121 NYSDOH ID # 10320

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.221178.09 03/20/02

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:03/14/02 RECEIVED:03/15/02
TIME COL'D:1505
MATRIX:Water SAMPLE: BP-VPB-49C-542543

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Ethyl Benzene	ug/L	< 1		03/18/02	1	EPA8260
Styrene	ug/L	< 1		03/18/02	1	EPA8260
o Xylene	ug/L	< 1		03/18/02	1	EPA8260
m + p Xylene	ug/L	< 2		03/18/02	2	EPA8260
Xylene	ug/L	< 3		03/18/02	3	EPA8260
Bromomethane	ug/L	< 1		03/18/02	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/18/02	1	EPA8260
Freon 113	ug/L	< 1		03/18/02	1	EPA8260
Trichlorofluomethane	ug/L	< 1		03/18/02	1	EPA8260
Dichlordifluomethane	ug/L	< 1		03/18/02	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/18/02	1	EPA8260
Trichloroethene	ug/L	< 1		03/18/02	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

VPB49C F-110

DIRECTOR

rn = 8122 NYSDOH ID # 10320