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Vertical Profile Borings VPB-38, -76, and -77 Summary Report

Naval Weapons Industrial Reserve Plant (NWIRP)

Bethpage, New York

Northern Division
Naval Facilities Engineering Command

Contract Number N62472-94-D-0398

Delivery Order 033B

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VERTICAL PROFILE BORINGS VPB-38, -76, AND -77
SUMMARY REPORT

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

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

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FIGURE

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1 Location of Vertical Profile Borings

1.0 INTRODUCTION

This report summarizes the installation of three vertical profile borings (VPB) 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 subcontract to Foster Wheeler Environmental Corporation for the U.S. Navy Northern Division (NORTHDIV) under Delivery Order (DO) 004 of the Comprehensive Long-Term Environmental Action Navy (CLEAN) Contract Number N62472-94-D-0398.

1.1 SCOPE OF WORK

Three VPBs (VPB-38, VPB-76, and VPB-77) were drilled at locations off-site in order to establish depth specific contamination. Figure 1 illustrates the locations of these VPBs. VPB-38 was installed at an existing well location (GM-38D/D2) and VPB-76 and VPB-77 were installed at proposed well locations GM-76D2/D3 and GM-77D/D2/D3, respectively. 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-38,
- 812 feet for VPB-76,
- and 830 feet for VPB-77.

These depths reflect the approximate bottom of the Hawthorn formation.

Tables 3-1 (VPB-38), 3-3 (VPB-76), and 3-5 (VPB-77) summarize groundwater-sampling activities performed at each VPB.

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, QA sample log sheets, chains-of-custody (COCs), 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 Vertical Profile Borings Adjacent to The Naval Weapons Industrial Reserve Plant (NWIRP), Bethpage, New York (TtNUS). This served as an addendum to the Hydraulic and Groundwater Quality Monitoring Plan, Northrop Grumman Corporation, Bethpage, New York, dated July 21, 1999 and prepared by ARCADIS Geraghty and Miller, Inc. (Monitoring Plan). All work was performed from May through October 2000. 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.

2.1 DRILLING METHODOLOGY

All VPBs were advanced using mud rotary drilling techniques.

2.1.1 Mud Rotary

VPBs were advanced using mud rotary techniques (VPB-38, VPB-76, and VPB-77). VPBs were reamed to eight inches in diameter to the top of the first clay layer encountered. Due to sloughing of the upper borehole, 6-inch diameter, Schedule 40 PVC temporary surface casing was installed from the ground surface to the top of this clay layer. 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. The depths and frequencies of soil sampling for all VPBs were as follows:

- From 0 to 200 feet below ground surface (bgs), soil sampling was performed at 50-foot intervals, then at 10-foot intervals to the total depth of the borehole.

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.

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 2.3), 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 15 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. 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, and turbidity 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 the laboratory courier. All samples were submitted to the laboratory (48-hour turnaround time) for analyses 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 twice a week (performed on the hydropunch only),
- source water blanks (potable and deionized water) once for the entire field effort,
- field blanks (at the discretion of the field geologist),
- drilling mud sample (at the discretion of the field geologist; typically every 200-300 feet),
- and duplicates at a rate of 1 per 10 groundwater samples collected.

Tables 3-2 (VPB-38), 3-4 (VPB-76), and 3-6 (VPB-77) summarize the QA samples collected at each VPB. 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 standard potential logs. Once gamma logging of the boring was complete, the boring was backfilled to the land surface using a Volclay© high-solids bentonite slurry. Borehole abandonment was accomplished using a tremie pipe.

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. Field forms for each VPB include the following:

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

The location of VPB-38 was moved approximately 50 feet due to formational collapse. Field forms for VPB-38 will have a designation of VPB-38 for the original location and VPB-38R2, which indicates a redrill at the new location.

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 and 3-2 (VPB-38); Tables 3-3 and 3-4 (VPB-76); and Tables 3-5 and 3-6 (VPB-77).

TABLE 3-1
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 38
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID[1]	Depth (bgs)	Total VOCs (ug/L)[2]	Comments
1	BP-VPB-38-053054	50	21	Good sample
2	BP-VPB-38-065066	50	27	Good sample; Duplicate of BP-VPB-38-053054
3	BP-VPB-38-101102	100	37	Possible cross-contamination with drilling mud: specific conductance (1.18) consistant with drilling mud samples (see QA/QC sample table).
4	BP-VPB-38-151152	150	4	Good sample
5	NA	200	NA	No sample at this depth; clay observed on hydropunch screen after first attempt, therefore no second attempt was made.
6	NA	210	NA	No sample at this depth; clay observed on hydropunch screen after first attempt, therefore no second attempt was made.
7	BP-VPB-38-221222	220	ND	Good sample
8	NA	230	NA	No sample at this depth; clay observed on hydropunch screen after first attempt, therefore no second attempt was made.
9	BP-VPB-38-243244	240	169	Good sample
10	BP-VPB-38-252253	250	3420	Good sample
11	BP-VPB-38-263264	260	2337	Good sample
12	BP-VPB-38-273274	270	2432	Good sample
13	BP-VPB-38-283284	280	2231	Good sample
14	BP-VPB-38-293294	290	1130	Good sample
15	BP-VPB-38-295296	290	1129	Good sample; Duplicate of BP-VPB-38-293294
16	BP-VPB-38-302303	300	620	Good sample
17	BP-VPB-38-312313	310	289	Good sample
18	BP-VPB-38-323324	320	591	Good sample
19	BP-VPB-38-331332	330	1006	Good sample
20	BP-VPB-38-343344	340	729	Good sample
21	BP-VPB-38-354355	350	1308	Good sample
22	NA	360	NA	No sample at this depth; clay observed on hydropunch screen after first attempt, therefore no second attempt was made.
23	NA	370	NA	No ground water in hydropunch
24	BP-VPB-38-381382	380	507	Good sample
25	BP-VPB-38-391392	390	566	Good sample
26	BP-VPB-38-401402	400	586	Good sample
27	NA	410	NA	No sample at this depth; clay/sandy clay observed on hydropunch screen after first attempt, therefore no second attempt was made.
28	NA	420	NA	No sample at this depth; clay observed on hydropunch screen after first attempt, therefore no second attempt was made.
29	BP-VPB-38-431432	430	1	Good sample
30	NA	440	NA	No sample at this depth; clay observed on hydropunch screen after first attempt, therefore no second attempt was made.
31	BP-VPB-38-451452	450	875	Good sample
32	BP-VPB-38-458459	450	862	Good sample; Duplicate of BP-VPB-38-451452
33	BP-VPB-38-461462	460	566	Good sample
34	BP-VPB-38-471472	470	526	Good sample
35	NA	480	NA	No ground water in hydropunch
36	BP-VPB-38-492493	490	122	Good sample
37	NA	500	NA	No sample at this depth; secondary screen in hydropunch coated with silt after first attempt, therefore no second attempt was made.
38	BP-VPB-38-511512	510	2	Good sample
39	NA	520	NA	No ground water in hydropunch
40	BP-VPB-38-533534	530	ND	Good sample
41	BP-VPB-38-541542	540	12	Good sample

TABLE 3-1
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 38
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID[1]	Depth (bgs)	Total VOCs (ug/L)[2]	Comments
42	NA	550	NA	No recovery in hydropunch after two attempts at this depth.
43	BP-VPB-38R2-561562	560	ND	Good sample
44	BP-VPB-38R2-571572	570	4	Good sample
45	BP-VPB-38R2-621622	620	1	Good sample
46	BP-VPB-38R2-672673	670	ND	Good sample on second attempt at this depth.
47	NA	720	NA	No recovery in hydropunch after two attempts at this depth.

Notes:

bgs: Below ground surface

NA: Not applicable

ND: Non-detectable

A good sample is a sample of representative ground water.

Sampling continued in 50-foot increments from 570 feet until the top of the Raritan Formation was encountered at 760 feet.

1. Samples with the designation R2 were taken from the redrill at this boring.
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.

TABLE 3-2
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 38
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	TB-072000	NA	ND	Laboratory-supplied trip blank
2	TB-072400	NA	ND	Laboratory-supplied trip blank
3	RB-072400	NA	ND	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
4	BP-VPB-38-DM-150	150	2.7	Drilling mud sample: specific conductance=1.80 mS/cm
5	TB-072500	NA	ND	Laboratory-supplied trip blank
6	TB-072700	NA	ND	Laboratory-supplied trip blank
7	BP-VPB-38-DM-310	310	32	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
8	RB-072700	NA	ND	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
9	FB-072700	NA	ND	Field blank collected at drilling location by pouring laboratory-supplied analyte-free water directly into sample containers
10	TB-073100	NA	ND	Laboratory-supplied trip blank
11	RB-073100	NA	ND	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
12	BP-VPB-38-DM-380	380	18	Drilling mud sample: specific conductance=1.13 mS/cm
13	TB-080100	NA	ND	Laboratory-supplied trip blank
14	BP-VPB-38-DM-460	460	37	Drilling mud sample: specific conductance=1.19 mS/cm
15	RB-080200	NA	ND	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
16	TB-080300	NA	ND	Laboratory-supplied trip blank
17	TB-080700	NA	ND	Laboratory-supplied trip blank
18	TB-081700	NA	ND	Laboratory-supplied trip blank
19	TB-082100	NA	ND	Laboratory-supplied trip blank
20	BP-VPB-38R2-DM-670	670	2	Drilling mud sample

Notes:

bgs: Below ground surface
NA: Not applicable
ND: Non-detectable

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

TABLE 3-3
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 76
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	NA	50	NA	No sample at this depth; two attempts at hydropunch failed to yield water; may not have been in the water table.
2	BP-VPB-76-072073	70	ND	Good sample
3	BP-VPB-76-103104	100	1	Good sample after second attempt
4	BP-VPB-76-153154	150	26	Good sample
5	BP-VPB-76-170171	150	28	Good sample; Duplicate of BP-VPB-76-153154
6	BP-VPB-76-202203	200	110	Good sample
7	BP-VPB-76-211212	210	89	Good sample
8	BP-VPB-76-222223	220	95	Good sample
9	BP-VPB-76-232233	230	126	Good sample
10	NA	240	NA	No recovery after two attempts
11	NA	250	NA	No sample at this depth due to observed lithology in split spoon (clay).
12	BP-VPB-76-262263	260	ND	Good sample
13	BP-VPB-76-271272	270	ND	Possible cross-contamination with drilling mud: specific condutance (1.85) is consistant with drilling mud.
14	BP-VPB-76-281282	280	ND	Possible cross-contamination with drilling mud: field notes state that sample is similar in appearance to drilling mud, however due to insufficient sample volume, no field parameters are available for support.
15	BP-VPB-76-291292	290	ND	Possible cross-contamination with drilling mud: field notes state that sample is similar in appearance to drilling mud, however due to insufficient sample volume, no field parameters are available for support.
16	BP-VPB-76-302303	300	65	Good sample
17	NA	310	NA	No recovery in hydropunch
18	NA	320	NA	No recovery in hydropunch
19	BP-VPB-76-315316	330	1	Good sample; Duplicate of BP-VPB-76-331332
20	BP-VPB-76-331332	330	1	Good sample
21	BP-VPB-76-342343	340	2	Good sample
22	BP-VPB-76-346347	340	2	Good sample; Duplicate of BP-VPB-76-342343
23	NA	350	NA	No recovery in hydropunch
24	BP-VPB-76-362363	360	52	Good sample
25	BP-VPB-76-371372	370	ND	Good sample
26	BP-VPB-76-381382	380	ND	Good sample
27	NA	390	NA	No recovery in hydropunch
28	BP-VPB-76-401402	400	ND	Good sample
29	NA	410	NA	No sample at this depth due to observed lithology in split spoon (clay).
30	NA	420	NA	No sample at this depth; two attempts at hydropunch failed to yield water
31	BP-VPB-76-431432	430	1	Possible cross-contamination with drilling mud: field notes state that sample is similar in appearance to drilling mud, however due to insufficient sample volume, no field parameters are available for support.
32	BP-VPB-76-441442	440	ND	Good sample
33	NA	450	NA	No sample at this depth due to observed lithology in split spoon (clay).
34	BP-VPB-76-461462	460	ND	Good sample
35	NA	470	NA	No recovery in hydropunch after first attempt; clay observed on drive point, therefore no second attempt was made.
36	BP-VPB-76-481482	480	114	Good sample
37	BP-VPB-76-491492	490	34	Good sample
38	NA	500	NA	No sample at this depth; two attempts at hydropunch failed to yield water.
39	BP-VPB-76-511512	510	56	Good sample
40	NA	520	NA	No sample at this depth; no recovery after first attempt due to fine sand clogging hydropunch screen, therefore no second attempt was made.
41	BP-VPB-76-531532	530	107	Good sample

TABLE 3-3
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 76
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
42	BP-VPB-76-541542	540	2	Good sample
43	BP-VPB-76-551552	550	27	Good sample
44	BP-VPB-76-554555	550	26	Good sample; Duplicate of BP-VPB-76-551552
45	BP-VPB-76-561562	560	46	Good sample
46	BP-VPB-76-572573	570	146	Good sample
47	NA	580	NA	No sample at this depth; two attempts at hydropunch failed to yield water.
48	BP-VPB-76-591592	590	140	Good sample
49	BP-VPB-76-594595	590	129	Good sample; Duplicate of BP-VPB-76-591592
50	BP-VPB-76-601602	600	57	Good sample
51	BP-VPB-76-611612	610	212	Good sample
52	BP-VPB-76-622623	620	ND	Good sample
53	BP-VPB-76-631632	630	85	Good sample
54	BP-VPB-76-634635	630	75	Good sample; Duplicate of BP-VPB-76-631632
55	BP-VPB-76-642643	640	56	Possible cross-contamination with drilling mud: field notes state that sample is similar in appearance to drilling mud, however due to insufficient sample volume, no field parameters are available for support.
56	NA	650	NA	No sample attempted at this depth due to the instability of the formation: lost mud to the formation and the borehole collapsed.
57	BP-VPB-76-662663	660	55	Good sample
58	BP-VPB-76-672673	670	38	Good sample
59	BP-VPB-76-682683	680	28	Good sample
60	NA	690	NA	No sample at this depth; two attempts at hydropunch failed to yield water.
61	BP-VPB-76-701702	700		Good sample
62	BP-VPB-76-711712	710		Good sample
63	NA	720	NA	No recovery in hydropunch after first attempt; clay observed on drive point, therefore no second attempt was made.
64	NA	730	NA	No recovery in hydropunch after first attempt; silt-clay observed on drive point, therefore no second attempt was made.
65	BP-VPB-76-741742	740		Good sample
66	NA	750	NA	No recovery in hydropunch after first attempt; clay observed on drive point therefore no second attempt was made.
67	NA	760	NA	No recovery in hydropunch after first attempt; clay observed on drive point, therefore no second attempt was made.
68	BP-VPB-76-771772	770		Good sample
69	NA	780	NA	No recovery in hydropunch after first attempt; sandy clay observed on drive point, therefore no second attempt was made.
70	NA	790	NA	No sample at this depth due to observed lithology in split spoon (clay).
71	NA	800	NA	No sample at this depth due to clay-like drilling.
72	NA	810	NA	No sample attempted at this depth: end of borehole.

Notes:

bgs: Below ground surface
NA: Not applicable
ND: Non-detectable
A good sample is a sample of representative ground water.
Total depth of the boring is 810 feet.
1. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.

TABLE 3-4
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 76
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	TB-091400	NA	ND	Laboratory-supplied trip blank
2	RB-091900	NA	ND	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
3	TB-092000	NA	ND	Laboratory-supplied trip blank
4	BP-VPB-76-DM-270	270	ND	Drilling mud sample
5	TB-092500	NA	ND	Laboratory-supplied trip blank
6	RB-092600	NA	ND	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
7	TB-092700	NA	ND	Laboratory-supplied trip blank
8	TB-100200	NA	ND	Laboratory-supplied trip blank
9	RB-100400	NA	ND	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
10	DM-100400	520	2	Drilling mud sample
11	TB-100400	NA	ND	Laboratory-supplied trip blank
12	TB-100900	NA	ND	Laboratory-supplied trip blank
13	RB-101100	NA	ND	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
14	TB-101100	NA	ND	Laboratory-supplied trip blank
15	TB-101600	NA	ND	Laboratory-supplied trip blank
16	BP-TB-101800	NA	ND	Laboratory-supplied trip blank
17	BP-RB-101800	NA	ND	Rinsate blank performed on hydropunch using laboratory-supplied analyte-free water
18	BP-DM-101800-790	790	2	Drilling mud sample

Notes:

bgs: Below ground surface
NA: Not applicable
ND: Non-detectable

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

TABLE 3-5
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 77
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-VPB-77-053054	50	ND	Possible cross-contamination with drilling mud: specific conductance (1.07) consistant with drilling mud samples (see QA/QC sample table).
2	BP-VPB-77-103104	100	ND	Possible cross-contamination with drilling mud: specific conductance (1.32) consistant with drilling mud samples (see QA/QC sample table).
3	BP-VPB-77-153154	150	20	Good sample
4	BP-VPB-77-203204	200	1	Good sample
5	BP-VPB-77-213214	210	5	Good sample
6	BP-VPB-77-224225	220	30	Good sample
7	BP-VPB-77-233234	230	2	Good sample
8	BP-VPB-77-243244	240	2	Good sample
9	BP-VPB-77-254255	250	122	Good sample
10	BP-VPB-77-256257	250	125	Good sample; Duplicate of BP-VPB-77-254255
11	BP-VPB-77-264265	260	19	Good sample
12	BP-VPB-77-273274	270	ND	Good sample
13	BP-VPB-77-283284	280	39	Good sample
14	BP-VPB-77-292293	290	ND	Good sample
15	BP-VPB-77-301302	300	ND	Good sample
16	BP-VPB-77-312313	310	3	Good sample
17	BP-VPB-77-322323	320	ND	Good sample
18	BP-VPB-77-333334	330	ND	Good sample
19	BP-VPB-77-343344	340	ND	Good sample
20	BP-VPB-77-354355	350	ND	Good sample
21	BP-VPB-77-362363	360	ND	Good sample
22	BP-VPB-77-368370	360	ND	Good sample; Duplicate of BP-VPB-77-362363
23	BP-VPB-77-372373	370	ND	Good sample
24	BP-VPB-77-383384	380	ND	Good sample
25	BP-VPB-77-392393	390	ND	Good sample
26	BP-VPB-77-403404	400	ND	Good sample
27	BP-VPB-77-413414	410	ND	Good sample
28	BP-VPB-77-423424	420	ND	Good sample
29	BP-VPB-77-432433	430	ND	Good sample
30	BP-VPB-77-438440	430	ND	Good sample; Duplicate of BP-VPB-77-432433
31	BP-VPB-77-443444	440	ND	Good sample
32	BP-VPB-77-452453	450	ND	Good sample
33	BP-VPB-77-463464	460	ND	Good sample
34	BP-VPB-77-472473	470	ND	Good sample
35	BP-VPB-77-482483	480	ND	Good sample
36	NA	490	NA	No attempt at this depth due to clay in split spoon.
	BP-VPB-77-501502	500	2	Good sample
37	BP-VPB-77-512513	510	2	Possible cross-contamination with drilling mud: specific conductance (1.43) consistant with drilling mud samples (see QA/QC sample table).
38	BP-VPB-77-523524	520	ND	Good sample
39	BP-VPB-77-533534	530	ND	Good samp[le
40	BP-VPB-77-538540	540	ND	Good sample; Duplicate of BP-VPB-77-543544
41	BP-VPB-77-543544	540	ND	Good sample
42	BP-VPB-77-552553	550	ND	Good sample
43	BP-VPB-77-562563	560	ND	Good sample
44	BP-VPB-77-573574	570	ND	Good sample
45	BP-VPB-77-583584	580	ND	Good sample

TABLE 3-5
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 77
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
46	BP-VPB-77-592593	590	ND	Good sample
47	BP-VPB-77-602603	600	ND	Good sample
48	BP-VPB-77-613614	610	ND	Good sample
49	BP-VPB-77-621622	620	ND	Good sample
50	BP-VPB-77-631632	630	ND	Good sample
51	BP-VPB-77-641642	640	ND	Good sample
52	BP-VPB-77-645647	640	ND	Good sample; Duplicate of BP-VPB-77-641642
53	BP-VPB-77-652653	650	ND	Possible cross-contamination with drilling mud: specific conductance (1.07) consistant with drilling mud samples (see QA/QC sample table).
54	BP-VPB-77-662663	660	ND	Good sample
55	BP-VPB-77-672673	670	ND	Good sample
56	BP-VPB-77-682683	680	ND	Good sample
57	NA	690	NA	No sample at this depth; clayey sand on hydropunch screen after first attempt, therefore no 2nd attempt was made.
58	BP-VPB-77-702703	700	ND	Good sample
59	BP-VPB-77-711712	710	ND	Possible cross-contamination with drilling mud: specific conductance (1.38) consistant with drilling mud samples(see QA/QC sample table).
60	BP-VPB-77-721722	720	ND	Possible drilling mud: specific conductance (1.59) consistant with drilling mud (see QA/QC sample table).
61	BP-VPB-77-726727	725	ND	Good sample
62	BP-VPB-77-743744	740	ND	Possible cross-contamination with drilling mud: specific conductance (1.13) consistant with drilling mud samples(see QA/QC sample table).
63	NA	750	NA	No sample at this depth; sandy clay on hydropunch screen after first attempt, therefore no 2nd attempt was made
64	NA	760	NA	No attempt at this depth due to clay in split spoon.
65	BP-VPB-77-772773	770	ND	Good sample
66	BP-VPB-77-781782	780	ND	Good sample

Notes:

bgs: Below ground surface

NA: Not applicable

ND: Non-detectable

A good sample is a sample of representative ground water.

Total depth of the boring is 830 feet.

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

TABLE 3-6
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 77
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

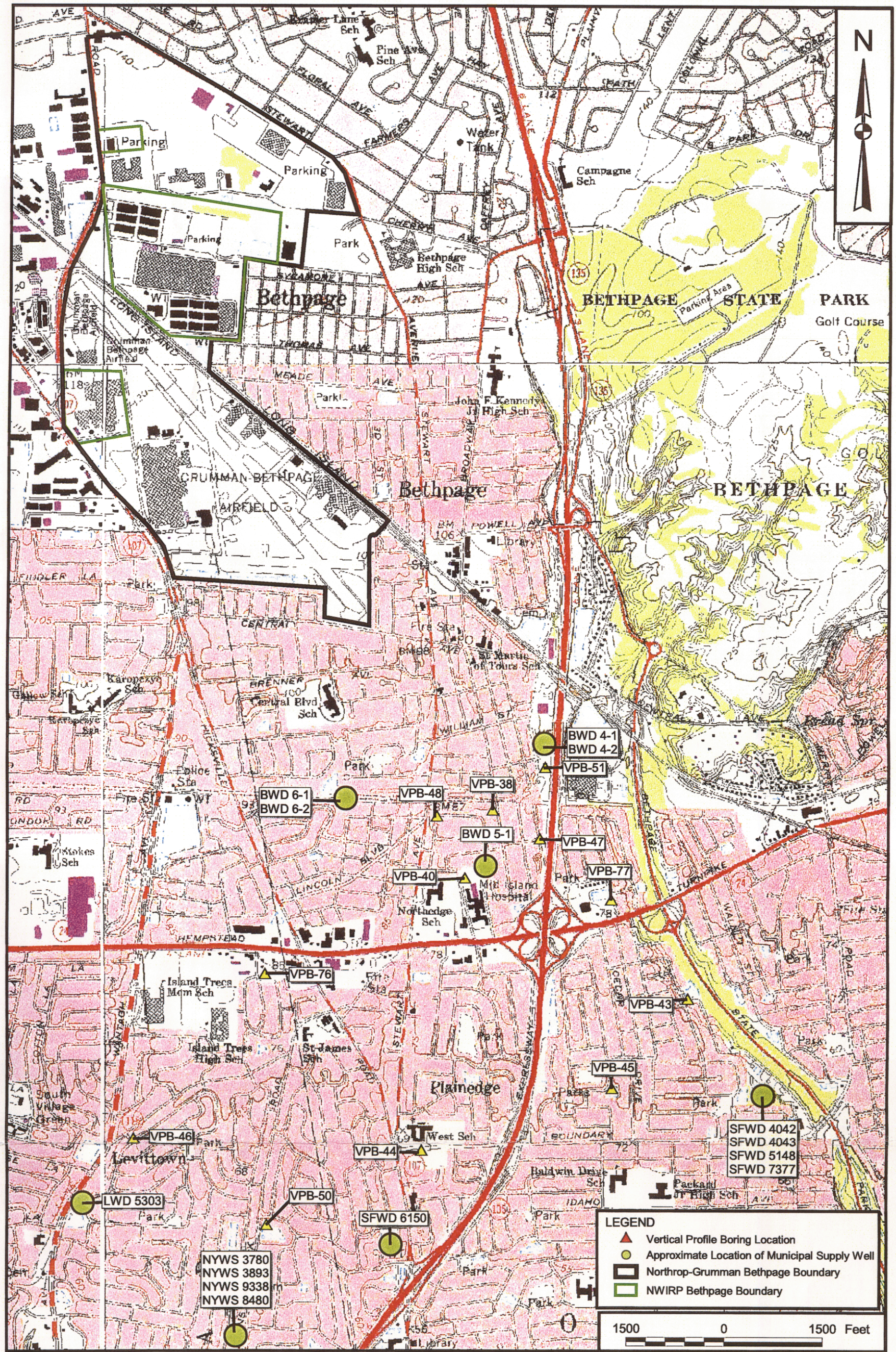
Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	TB-060700	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water
2	RB-060700	NA	ND	Rinsate blank performed on hydropunch using commercial reagent grade deionized water
3	SW-060700	NA	ND	Source water blank of potable water hydrant
4	TB-060800	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water
5	TB-061200	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water
6	BP-VPB-77-DM-280	280	ND	Drilling mud sample: specific condutance=1.37mS/cm
7	RB-061200	NA	ND	Rinsate blank performed on hydropunch using commercial reagent grade deionized water
8	TB-061300	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water
9	BP-VPB-77-410	410	ND	Drilling mud sample: specific condutance=1.00mS/cm
10	RB-061400	NA	ND	Rinsate blank performed on hydropunch using commercial reagent grade deionized water
11	TB-061400	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water
12	TB-061900	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water
13	TB-062100	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water
14	TB-062600	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water
15	TB-062700	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water
16	TB-062900	NA	ND	Trip blank prepared in the field using laboratory-supplied analyte-free water

Notes:

bgs: Below ground surface
NA: Not applicable
ND: Non-detectable

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

P:\GIS\NWIRP_BETHPAGE\BETHPAGE.APR PROPOSED VERTICAL PROFILE BORING LOCATIONS 10/24/01 KMP



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

VPB-38

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: NUSGS.0200
Sample Location: VPB-3E
QA Sample Type:

Sample ID Number: RB-072400
Sampled By: S. Pelepko
C.O.C. Number: BP-VPB-013

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

SAMPLING DATA:

Date: ~~06~~ 07-24-00 (SP 07-24-00)
Time: 0940
Method: See Below

WATER SOURCE:

[x] Laboratory Prepared
[] Purchased
[x] Other (SP 07-24-00)
[] Tap
[] Fire Hydrant

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

Product Name: unknown
Supplier: Eco Test Laboratories
Manufacturer: unknown
Order Number: unknown
Lot Number: unknown
Expiration Date: unknown

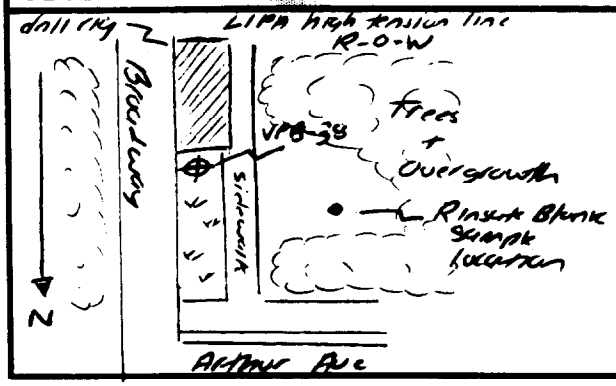
RINSATE INFORMATION (If Applicable):

Media Type: groundwater
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 (SP 07-24-00)		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:



- Sample bottleware filled by pouring lab-provided water through decontaminated hydropunch 20-slot stainless-steel screen.

Signature(s): Scott Pelepko

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-38R2-672673
Sample Location: VPB-38R2
Sampled By:
C.O.C. No.:
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other ~~SAL~~ PPT
Date: 8-22-00								
Time: 1305								
Method: Hydropunch	Very cloudy	9.22	.258	16.6	>990	0.45	—	0.01

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	
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at
- Sample depth (screen interval) = 672' to 673' BGS
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 672
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD: —

Duplicate ID No.: —

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Beth Page CTO-208
Project No.: N0565-0208

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

Sample ID No.: BP-VPB-38R2-DM-670
Sample Location: VPB-38R2
Sampled By: Vince Shickora
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	~~TBD~~	TBD
Date: 8-22-00	Visual	Standard	mS/cm	°C	NTU	mg/l	SAL	
Time: 1150								
Method: Direct Grab	Very cloudy	6.93	0.532	20.51	>990	0.93	0.02	–

PURGE DATA:

Date: N/A	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
VOCs	None	40 ml Vials (x2)	2

OBSERVATIONS/NOTES:

- Sample collected directly from drilling mud pan.
Borehole depth at time of sample was 670 feet B.G.S.

MS/MSD	Duplicate ID No.:	Signature(s):
–	–	[signature]

TBD: To Be Determined

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-38R2-5615
Sample Location: VPB-38R2
Sampled By: ~~S. Pelepko~~ FCW
C.O.C. No.: BP-VPB-019
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8-18-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1130	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	brown		not	enough	sample			

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at
- Sample depth (screen interval) = 561/562
- Screen exposed to formation for 40 minutes.
- Depth of borehole prior to advancing hydropunch = 560
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	—	[signature]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

38R2-541542

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-38R2-0541 0542
Sample Location: VPB-
Sampled By: ~~S. Pelepka~~ FCW
C.O.C. No.: VPB-0019
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	~~ORP~~ GAL)	Other
Date: 8-17-00	Visual	Standard	mS/cm	°C	NTU	mg/l	~~mV~~ %	NA
Time: 1405								
Method: Hydropunch	brown	6.24	0.306	18.9	999	—	0.01	—

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	(2) 40 mL glass vials	✓
(SW846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at
- Sample depth (screen interval) = 541-542
- Screen exposed to formation for 65 minutes. 4 ⊕
- Depth of borehole prior to advancing hydropunch = 540
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

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

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-38R2-661662
Sample Location: VPB-38R2
Sampled By: Vince Shockent
C.O.C. No.:
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 9-21-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1720								
Method: Hydropunch	Very dirty	(insufficient volume for field parameters)						

PURGE DATA:

Date: N/A	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	(2) 40 ml glass vials	1 vial *
(SW846 8260B)			
		note *	
		only one 40 ml vial was collected	
		due to insufficient recovery by	
		Hydropunch sampler. Sample was	
		very muddy and could possibly contain	
		some drilling mud.	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at
- Sample depth (screen interval) = 661' to 662'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 660'
- Sample bottleware filled directly from hydropunch.

Check if Applicable:		Signature(s):
MS/MSD: –	Duplicate ID No.: –	[signature]

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-38R2-571572
Sample Location: VPB-38R2
Sampled By: Vince Shuckert
C.O.C. No.:
Type of Sample:
[■] 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: 8-21-00								
Time: 1440								
Method: Hydropunch	Very cloudy	(insufficient volume for field parameters)						

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	(2) 40 ml glass vials	✓
(SW846 8260B)			
		Note	
		Very little recovery in Sampler.	
		The Sample was very muddy and	
		could possibly contain some	
		drilling mud.	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at
- Sample depth (screen interval) = 571' to 572'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 570
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

Duplicate ID No.: —

Signature(s):

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-36-533534
Sample Location: VPB-36
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-016
Type of Sample:
[■] 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 (°C)
Date: 08-07-00								
Time: 1225								
Method: Hydropunch	cloudy brown	6.39	0.217	~~>999~~ *	>999 *	2.08	—	Sal: 0.00

23.6

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	(2) 40 ml glass vials	✓
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1115.
- Sample depth (screen interval) = 533 FT to 534 FT (BGS).
- Screen exposed to formation for 65 minutes.
- Depth of borehole prior to advancing hydropunch = 530 FT (BGS)
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD —	Duplicate ID No.: —	Scott [illegible]

* Turbidity estimated via visual assessment → sample opaque.

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-36-511512
Sample Location: VPB-38
Sampled By: S. Pekepko
C.O.C. No.: BP.VPB.017
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 08-03-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1750	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	cloudy gray	—	—	—	—	—	—	—

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1640.
- Sample depth (screen interval) = 511.5 FT to 512.5 FT (BGS).
- Screen exposed to formation for 65 minutes.
- Depth of borehole prior to advancing hydropunch = 510 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

Insufficient sample volume available to measure water quality parameters.

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-38-492493
Sample Location: VPB-38
Sampled By: S. Pekeko
C.O.C. No.: BP-VPB-016
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 08-02-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1449	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	cloudy br.	6.99	0.138	—	>999 *	—	—	Sal = 0.00

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	(2) 40 ml glass vials	✓
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1340.
- Sample depth (screen interval) = 492 FT to 493 FT (BGS).
- Screen exposed to formation for 64 minutes.
- Depth of borehole prior to advancing hydropunch = 490 FT (BGS).
- Sample bottleware filled directly from hydropunch.

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

Insufficient sample volume available to measure water quality parameters (Temp, D.O.)

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-38-471472
Sample Location: VPB-38
Sampled By: S. Pekepko
C.O.C. No.: BP-VPB-016
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 03-02-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1118	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	Cloudy Dr. Gy	6.64	0.206	20.7	>999 #	—	—	Sal=0.00

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1008
- Sample depth (screen interval) = 471.5 FT to 472.5 FT (BGS)
- Screen exposed to formation for 64 minutes.
- Depth of borehole prior to advancing hydropunch = 470 FT (BGS).
- Sample bottleware filled directly from hydropunch.

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

Turbidity estimated via visual assessment → sample opaque.

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-36-461462
Sample Location: VPB-36
Sampled By: S. Pokorko
C.O.C. No.: BP-VPB-016
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 08-02-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 0935								
Method: Hydropunch	Cloudy, gray	6.87	0.234	19.3	>999	1.63	—	Sal. = 0.00

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0828.
- Sample depth (screen interval) = 461 FT to 462 FT (BGS).
- Screen exposed to formation for 62 minutes.
- Depth of borehole prior to advancing hydropunch = 460 FT (BGS)
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): [signature]

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
[x] QA Sample Type: Blind Field Duplicate

Sample ID No.: BP-VPB-451452
Sample Location: VPB-38
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-016
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 08-01-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1710								
Method: Hydropunch	Cloudy 94.	6.55	0.165	19.6	>999	2.20	—	Sal. = 0.00

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1602.
- Sample depth (screen interval) = 451.5 FT to 452.5 FT (BGS).
- Screen exposed to formation for 62 minutes.
- Depth of borehole prior to advancing hydropunch = 450 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD: —

Duplicate ID No.: BP-VPB-38-458459 Assigned Time: 0000

Signature(s): Scott [illegible]

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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-38-431432
Sample Location: VPB-38
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-016
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 08-01-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1350								
Method: Hydropunch	Clear H.94	6.74	0.141	18.3	>999	2.93	—	Sal=0.00

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1237.
- Sample depth (screen interval) = 431.5 FT to 432.5 FT (BGS).
- Screen exposed to formation for 62 minutes.
- Depth of borehole prior to advancing hydropunch = 430 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-38-401460
Sample Location: VPB-38
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-015
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-31-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1548	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	cloudy brn.	5.72	0.072	18.8	>999	1.68	—	Sal. = 0.00

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1456.
- Sample depth (screen interval) = 401.5 FT to 402.5 FT (BGS).
- Screen exposed to formation for 49. minutes.
- Depth of borehole prior to advancing hydropunch = 400 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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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-38-391392
Sample Location: VPB-38
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-015
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-31-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1412	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	*	5.80	0.108	19.5	>999	3.33	—	Sal. = 0.00

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1322.
- Sample depth (screen interval) = 391 FT to 392 FT (BGS).
- Screen exposed to formation for 105 minutes.
- Depth of borehole prior to advancing hydropunch = 390 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD —

Duplicate ID No.:

Signature(s):

* Sediment settling took place in hydropunch — top of sample tinted H. brown;

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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-38-381352
Sample Location: VPB-38
Sampled By: S. Pekeko
C.O.C. No.: BP-VPB-015
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 07-31-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1147								
Method: Hydropunch	Cloudy br. -gr.	6.80	0.199	15.6	767	1.45	—	Sal. = 0.00

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1038.
- Sample depth (screen interval) = 381.5 FT to 382.5 FT (BGS)
- Screen exposed to formation for 65 minutes.
- Depth of borehole prior to advancing hydropunch = 380 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-36-~~353354~~ 354355 SP 07-27-00
Sample Location: VPB-36
Sampled By: S. Petepke
C.O.C. No.: BP-VPB-014
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-27-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1616	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (4.)
Method: Hydropunch	v. cloudy br.		0.324	—	>999*	—	—	Sal: 0.01

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 (SW 846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at ~~1449~~ 1509 SP 07-27-00
- Sample depth (screen interval) = 35~~4~~ FT to 35~~5~~ FT (BGS)
- Screen exposed to formation for ~~346~~ 361 minutes. SP 07-27-00
- Depth of borehole prior to advancing hydropunch = 350 FT (BGS).
- Sample bottleware filled directly from hydropunch.

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

*Turbidity estimated via visual assessment → sample opaque.

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-35-343344
Sample Location: VPB-35
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-014
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 07-27-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1345								
Method: Hydropunch	*	5.79	0.135	17.7	>999	3.04	—	Sol=0.00

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1310.
- Sample depth (screen interval) = 343 FT to 344 FT (BGS).
- Screen exposed to formation for 34 minutes.
- Depth of borehole prior to advancing hydropunch = 340 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

* Sediment settling took place in hydropunch → top of sample tinted brown; bottom cloudy, tan-gray colored.

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-38-331332
Sample Location: VPB-38
Sampled By: S. Pekoke
C.O.C. No.: BP-VPB-014
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 07-27-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1240								
Method: Hydropunch	Cloudy BR.	6.24	0.162	17.7	>999	2.42	—	Sal = 0.00

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1203.
- Sample depth (screen interval) = 331.5 FT to 332.5 FT (BGS).
- Screen exposed to formation for 33 minutes.
- Depth of borehole prior to advancing hydropunch = 330 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-36-323324
Sample Location: VPB-36
Sampled By: S. Pekoko
C.O.C. No.: BP.VPB-014
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-27-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1128	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	*	—	0.110	—	—	—	—	—

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 (SW 846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1047.
- Sample depth (screen interval) = 223 FT to 324 FT (BGS).
- Screen exposed to formation for 36 minutes.
- Depth of borehole prior to advancing hydropunch = 320 FT (BGS).
- Sample bottleware filled directly from hydropunch.

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

* Settling take place in hydropunch. Top of sample H-bln-tinted, bottom br-gy, cloudy. Insufficient sample volume to perform all under analysis

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-36-312313
Sample Location: VPB-36
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-013
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 07-25-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1646								
Method: Hydropunch	cloudy	6.90	0.502	—	>999 *	—	—	—

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1610.
- Sample depth (screen interval) = 312.5 FT to 313.5 FT (BGS).
- Screen exposed to formation for 34 minutes.
- Depth of borehole prior to advancing hydropunch = 310 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle If Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	—	

* Turbidity estimated via visual assessment → sample opaque.
Insufficient sample volume available to measure all water quality parameters.

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-38-302303
Sample Location: VPB-38
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-013
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-25-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1542	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch		6.08	0.138	18.1	>999*	—	—	Sal: 0.00

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1506.
- Sample depth (screen interval) = 302 FT to 303 FT (BGS).
- Screen exposed to formation for 32 minutes.
- Depth of borehole prior to advancing hydropunch = 300 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Seth Pokoko

* Turbidity estimated via visual assessment → sample opaque. Insufficient sample volume available to measure D.O.

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: Blind Field Duplicate

Sample ID No.: BP-VPB-38-293294
Sample Location: VPB-38
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-013
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-25-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1438	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	*	6.26	0.185	18.0	>999	2.06	—	Sat = 0.00

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 (SW846 8260B)	4°C	(4) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1358.
- Sample depth (screen interval) = 293 FT to 294 FT (BGS).
- Screen exposed to formation for 35 minutes.
- Depth of borehole prior to advancing hydropunch = 290 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD —	Duplicate ID No.: Assigned Time = 0000 BP-VPB-38-295296	[signature]

* Sediment settling took place in hydropunch → top of sample tinted br.gy; [illegible]

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-38-283.284
Sample Location: VPB-38
Sampled By: S. Pekoto
C.O.C. No.: BP-VPB-012
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 07-25-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1331								
Method: Hydropunch	Cloudy Gray	6.81	0.780	18.4	>999 *	0.00	—	0.01=50%

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1307.
- Sample depth (screen interval) = 283 FT to 284 FT (BGS).
- Screen exposed to formation for 21 minutes.
- Depth of borehole prior to advancing hydropunch = 280 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Pekoto

* Turbidity estimated via visual assessment → sample opaque.

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-38-273274
Sample Location: VPB-38
Sampled By: S. Pokepko
C.O.C. No.: BP-VPB-012
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 07-25-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1239								
Method: Hydropunch	cloudy br.	6.66	0.269	18.5	>999 *	1.05	—	Sal = 0.01

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1159.
- Sample depth (screen interval) = 273 FT to 274 FT (BGS).
- Screen exposed to formation for 37 minutes.
- Depth of borehole prior to advancing hydropunch = 270 FT (BGS).
- Sample bottleware filled directly from hydropunch.

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

* Turbidity estimated via visual assessment → sample opaque.

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-38-263264
Sample Location: VPB-38
Sampled By: S. Pekeski
C.O.C. No.: BP-VPB-012
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-25-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1130	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	*	6.19	0.155	18.2	>999	2.26	—	91.0

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1054.
- Sample depth (screen interval) = 263 FT to 264 FT (BGS).
- Screen exposed to formation for 33 minutes.
- Depth of borehole prior to advancing hydropunch = 260 FT (BGS)
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Pekeski

* sediment settling back down in hydropunch → top of sample H. br. tint to br. tint, bottom of sample clear / br. colored

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-38-252253
Sample Location: VPB-38
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-012
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-25-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1025	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	cloudy brn	5.87	0.185	17.8	>999 *	1.03	—	Sal = 0.00

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0940.
- Sample depth (screen interval) = 252 FT to 253 FT (BGS).
- Screen exposed to formation for 42 minutes.
- Depth of borehole prior to advancing hydropunch = 250 FT (BGS)
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—		[signature]

*Turbidity estimated via visual assessment → sample opaque.

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-38-243244
Sample Location: VPB-38
Sampled By: S. Pekeko
C.O.C. No.: BP-VPB-012
Type of Sample:
[■] 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: 07-25-00								
Time: 0914								
Method: Hydropunch	cloudy BR.	6.74	0.416	18.8	7999 *	—	—	Sal. = 0.41

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	(2) 40 mL glass vials	✓
(SW 846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0839.
- Sample depth (screen interval) = 243 FT to 244 FT (BGS).
- Screen exposed to formation for 30 minutes.
- Depth of borehole prior to advancing hydropunch = 240 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): Scott Pekeko

* Turbidity estimated via visual assessment → sample opaque

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-38-221222
Sample Location: VPB-38
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-012
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-24-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1530	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	*	7.71	0.083	19.2	>999	1.25	—	Sal = 0.00

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1421.
- Sample depth (screen interval) = 221 FT to 222 FT (BGS).
- Screen exposed to formation for 65 minutes.
- Depth of borehole prior to advancing hydropunch = 220 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Seth Pelepko
—	—	

* Sediment settling took place in hydropunch -> top of sample tinted [illegible] bottom of sample clouds [illegible] colored

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-38-151152
Sample Location: VPB-38
Sampled By: S. Pokopko
C.O.C. No.: BP-VPB-011
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-20-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	Clear	6.68	0.482	20.1	>999*	2.28	—	Sil.=0.01

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1614.
- Sample depth (screen interval) = 151.5 FT to 152.5 FT (BGS).
- Screen exposed to formation for 30 minutes.
- Depth of borehole prior to advancing hydropunch = 150 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

* Turbidity estimated via visual assessment → sample opaque.

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-38-101102
Sample Location: VPB-38
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-011
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-20-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1522	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	cloudy cr.-br.	9.25	1.18	20.4	7999 *	0.072	—	Sal = 0.05

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	(2) 40 mL glass vials	
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1445.
- Sample depth (screen interval) = 101.5 FT to 102.5 FT (BGS).
- Screen exposed to formation for 35 minutes.
- Depth of borehole prior to advancing hydropunch = 100 FT (BGS)
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

* Turbidity estimated via visual assessment → sample opaque.

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
[x] QA Sample Type: Blind Field Duplicate

Sample ID No.: BP-VPB-39-053064
Sample Location: VPB-38
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-011
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 07-20-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1140	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA(%)
Method: Hydropunch	Cloudy Red-br.	6.69	0.416	19.5	>999 *	—	—	Sal: 0.01

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 (SW846 8260B)	4°C	(4) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1108
- Sample depth (screen interval) = 53 FT to 54 FT (BGS).
- Screen exposed to formation for 29 minutes.
- Depth of borehole prior to advancing hydropunch = 50 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.: BP-VPB-38-065066 Assigned Time: 0000	[signature]
—		

* Turbidity estimated via visual assessment → sample opaque.

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNI-TECH
DRILLING RIG: FAILING 1500
BORING NUMBER: VPB-38R2
DATE: 9/7/00
GEOLOGIST: SCOTT NEIL
DRILLER: JIM 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	Remarks	PID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ**	USCS*
1140	761	42/48	16/24			GRAY	very dense clay -		0	0	0	0	CH
	762	100/2					Raritan Clay						
							END OF BORING.						

* 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; split spoon taken to confirm Raritan Clay.

Drilling Area Background (ppm): [ ]

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNI-TECH
DRILLING RIG: FAILING 1500
BORING NUMBER: VPB-38R2
DATE: 9/6/00
GEOLOGIST: SCOTT NEIL
DRILLER: JIM 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	Remarks	PID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ**	USCS*
1212	710						tr m grained sand to	desand mud	0	0	0	0	SP
							c. grained sand w/ tr	at 1209.					
							pea-sized gravel. Or, tan						
							white.						
									0	0	0	0	SP
1247	720					Gray	tr. c. ~~Sand~~ SN sand, mostly	HP set @ 1317-					
1253	721	4/100	3/24			Wh.	angular + rounded gravel.	No recovery. Reset @ 1612-					
	722	3						again no					
								recovery.					
				725'									
SN	~~730~~						Dense clay @ 725' per driller @ 0845						
0855				730'			out of clay @ 730' per driller - white clay						
0905	740						SOFT CLAY PER DRILLING.	Conditioning borehole/ Circulating mud					
0951	741	60/100	2/24				Clayey gravel - clay is		0	0	0	0	GC
	742	4					dark gray.						
1024	750					Gray Brown	c. Sandy Clay		0	0	0	0	SC
	754						Sand zone per drilling.						
SN ~~1012~~	756						Dense clay per drilling.						
1029	760					Gray	SN ~~Grat~~ Gravelly/sandy clay		0	0	0	0	CL

* 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. SS recovery = 3 inches; 2 attempts @ collecting HP sample failed to yield sufficient sample volume @ 720-722' interval on 9/6/00 one split spoon on 9/7/00.

Drilling Area Background (ppm): 0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: UniTech
DRILLING RIG: Failing 1500
BORING NUMBER: VPB 38R2
DATE: 8-22-00
GEOLOGIST: Vince Shickora
DRILLER: Jim 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	Remarks	PID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
	650					lt Bn gy	Fine to Medium gr. Sand (some lignite frags)	de-sand mud	0	0	0	0	
							Based on drilling - one ft.						
							clay layer felt at 658' to	Add water and					
0902	660						659'	Thicken Mud	0	0	0	0	
0905						lt Bn gy	fine to medium gr. Sand with						
							some lignite frags						
0930	670						Same as above		0	0	0	0	
1015	671	46/100	5"/12"			Brn Tn.	very fine to fine grain	First HP attempt no recovery					
HP @	672	over 5" -	-				Sand (some lignite frags) (and silt present)	Correct sample VPP-38R2-672673 at 1300 hours					
1035	673												
HP @ 1300													
1318	680						Same as above	circulate mud	0	0	0	0	
1333													
1346	685						* Borehole Collapsed	Lose Mud to FM at ≈ 685 feet					
							See logbook 1325 notes	Add water + Mix Mud					
								recondition Borehole					
SN 9/6/00 1131	690					BRN/GREY	MED GRAINED SAND, SN		0	0	0	0	SP
							TRACE LIGNITE FRAGMENTS.						
						ORG/							
1137	700					BRN/GRAY	MED - COURSE GRAINED SAND		0	0	0	0	SP

* 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: E565
DRILLING COMPANY: Uni-Tech Drilling
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-38R2
DATE: 8-21-00
GEOLOGIST: Vince Shickora
DRILLER: Jim 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	Remarks	PID Reading (ppm): Sample	[illegible]	[illegible]	Drilling [illegible]	USCS *
1516	600						lt. gray - white fine to medium grain Sand. (some silt)		0	0	0	0	
1520	610						lt. gray - Tan - white very fine to fine grain Sand with lignite frags.		0	0	0	0	
* 1524	620						Same as above		0	0	0	0	
1600	621	5/100	4"/24"				Brown-Gray-Tan fine to Med	Collected HP #VPB-38R2-661662	0	0	0	0	
	622	over 3" -	-				Silty Sand.						
8-22 0831							(one gravel size pyrite frag)						
	630						Same as above		0	0	0	0	
							-Driller indicates all Sand drilling from 0620' to 0640'						
							Brown-Tan fine to Med.						
0835	640						grain Sand with some		0	0	0	0	
0849							lignite frags.	recondition hole de-sand mud					
	650						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: _____ Drilling Area Background (ppm): 0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Beth Page
PROJECT NUMBER: CTO-0208/~~0565~~ 0565
DRILLING COMPANY: UNI-Tech Drilling
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-17-00 / 8-18-00
GEOLOGIST: W. Wukwych
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	Remarks	PID Reading (ppm)				USCS*
	550												
		28/22				gry	clayey silt		0	0	1.3	0	ML
1442	552	28/26	9"/2		M. dense	Org wht	Fine gr sand sand + silt		38				SP
1449				553									
				554									
1605				555-556			no recovery in hydropunch						
1720	560						no recovery in 2nd hydropunch						
8-18 1019		43/100			V. Dense	DRK gry	sand / clayey soil		0	0	0	0	SC
1038	562	4	9"/2					collect BP-VPB-38R2-561562					
1130													
8-21 1100													
1127	570												
		48/100	4"/24"				lt. gray-white fine to Med grain silty sand	collect 38R2-571572	0	0	0	0	
1444	580						Same as above		0	0	0	0	
1450													
	590						Same as above		0	0	0	0	
1458	600						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: 6" drag bit

Drilling Area Background (ppm):

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-0203 / 0565
DRILLING COMPANY: UNI-Tech Drilling
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-17-00
GEOLOGIST: WUDKWYCH
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	Remarks	PID Reading (ppm)				USCS *
~~1148~~	~~510~~												
1148	520					White	medium-course sand		0	0	0	0	SP
						gry	T-clay lenses						
								T-lok wood					
1151	520					white	medium-course sand	fragments	0	0	0	0	SP
1210													
	530					White	medium-course sand		0	0	0	0	SP
1212													
1215	540	65/100											
		5				gry	silty clay						CL
1245	542		8"/2		V. Dense	white	fine-medium gr sand		0	0	0	0	SP
1255							Collect BP-VPB-38R-541542						
1405													
1415	550							Circulating mud.					

* When rock coring, enter rock brokeness.

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

Remarks: 6" drag bit

Drilling Area Background (ppm): 0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-0203 / 05565
DRILLING COMPANY: UNI-Tech Drilling
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-17-00
GEOLOGIST: WUDKWYCH
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	Remarks	PID Reading (ppm): Sample	Kneading Bag	Borehole	Drilling Area	USCS *
							T- clay lenses						
1047	460					gry	Sand Fine gr		0	0	0	0	Sp
1101								circulating mud					
1103	470					White	Sand		0	0	0	0	
							T- gry clay/silt lense (ML/CL)	blk wood Fibers					
							mica flakes						
1105	480					White	Sand - medium grained		0	0	0	0	SP
1123								circulating mud					
1130								thickening mud					
							BLK organic silt layer						
							gry clay lense						
1132	490					White	Fine gr sand		0	0	0	0	SP
								thickening mud					
							cemented Sands						
1134	500					White	Fine - medium Sand						

* When rock coring, enter rock brokeness.

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

Remarks: 6" drag bit

Drilling Area Background (ppm):

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-0208 / C565
DRILLING COMPANY: UNI-Tech Drilling
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-17-00
GEOLOGIST: WUDKWYCH
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	Remarks	PID Reading (ppm): Sample	[illegible]	[illegible]	[illegible]	USCS*
1007													
1008	410					DRK gry	sand		0	0	0	0	
				415									
						lgT gry	Clay based on						
1010	420			419			drilling		0	0	0	0	
1031							sand	circulating mud					
							T-clay lenses						
1033	430					DRK gry	sand + silt		0	0	0	0	
								DK wood (organic)					
							T-clay lenses	fragments throughout					
1034	440					DRK	sand + silt		0	0	0	0	
1045						gry							
1046	450					gry	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: 6" drag bit

Drilling Area Background (ppm): 0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-0203 / 0555
DRILLING COMPANY: UNI-Tech Drilling
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-17-00
GEOLOGIST: WOOKWYCH
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	Remarks	PID Reading (ppm)				USCS*
						gry/org	clay						
				354									
0930	360			360		org	cemented sands sand & clay		0	0	0	0	SC
0938						gry	silty clay						CL
0941	370					DRK org	cemented sands		0	0	0	-	
0943	380					DRK org	as above		0	0	0	0	
0955													
0957	390					gry	sand + clay lens		0	0	0	0	SP
							clay seam						
0959	400					gry	sand		0	0	0	0	SP

* When rock coring, enter rock brokeness.

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

Remarks: 6" drag bit

Drilling Area Background (ppm): [ ]

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-C2C2 / C565
DRILLING COMPANY: UNI-Tech Drilling
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-17-00
GEOLOGIST: WVDKWYCH
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	Remarks	PID Reading (ppm): Sample	Sample Cutting	Sample Cutting	Sample Cutting	USCS*
0902							sand						
0903	310			310									
						org	clay (based on drilling)		0	0	0	0	CL/
				314			silty/clay T-sand						
								mud-8 ppm					
0907	320								0	0	0	0	
0913							sand						
							T-clay lenses						
0914	330								0	0	10	0	
0916	340					org	cemented sand / sandy/silt	T-clay	0	0	100	0	SM/S
0927													
0929	350						sand						

* When rock coring, enter rock brokeness.

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

Remarks: 6" drag bit

Drilling Area Background (ppm): 0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-0208 10565
DRILLING COMPANY: UNI-Tech Drilling
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-16-00 / 8-17-00
GEOLOGIST: WUDKWYCH
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	Remarks	PID Reading (ppm): Sample	Sample Bag	Bottom	Driller Bag	USCS*
							Clay seam						
1629	260						sand micaflakes iron staining		0	0	0	0	SP/SC
1636													
1638	270					gr/oll	medium-course sand		0	0	0	0	
							clay seams throughout						
1639	280				orge	gr/oll	medium-course sand		0	0	0	0	SP SC
8-17 0852													
0853	290						fine-medium sand based on drilling		0	0	0	0	
0855	300						as above T-clay near base		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: 6" drag bit.

Drilling Area Background (ppm):

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-206 / 05
DRILLING COMPANY: UNI-TECH DRILLING
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-16-00
GEOLOGIST: WUDKW-CH
DRILLER: T. 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	Remarks	PID Reading (ppm)				USCS*
				207									
1120					dense	DRK gry	clay (fat)		0	0	0	0	CH
	210												
1335								resume drilling					
								circulating mud to seal off					
								casing					
				217			sand (based on drilling)						
1340	220												
1613													
1615	230					DRK gry / org	clay T-sand seams throughout		0	0	0	0	CH
				237									
						org	sand (based on drilling)						
1619	240								0	0	0	0	
1627													
1628	250					org	sand w/clay seams (interbedded)		0	0	0	0	SP/SC

* When rock coring, enter rock brokeness.

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

Remarks: 8" drag bit

Drilling Area Background (ppm): 0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Beth Page
PROJECT NUMBER: CTO-0208 / 0565
DRILLING COMPANY: UNI-TECH DRILLING
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-16-00
GEOLOGIST: WVOKWYCH
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	Remarks	PID Reading (ppm)				USCS*
1023													
1025	160						Course Sand + gravel		0	0	0	0	
							as per drilling rod movement						
	164							mixing mud					
1027													
1030								T-silt					
1032	170						as above course sand f. gravel		0	0	0	0	
1039													
1040	180					Yell white	as above course sand S-silt-T-f-gravel	lenses	0	0	0	0	SP SM
1041	190						as above	Cleaning out Borehole	0	0	0	0	SP SM
1108								mixing mud					
				196				Cleaning borehole					
				197			Clay layer based on drilling						
1109	200						Course Sand + gravel		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" drag bit

Drilling Area Background (ppm):

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-0202/0565
DRILLING COMPANY: UNI-Tech DRILLING
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38R2
DATE: 8-15-00 / 8-16-00
GEOLOGIST: WUDKWYCH
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 Hardness	Color	Material Classification	Remarks	PID Reading (ppm)				USCS*
						org	fine-course sand T-clay lense						
1459	110						as above		0	0	0	0	SP
1002								Mixing mud					
603	120					org	V. fgr sand		0	0	0	0	SP
1005	130					org	V fgr sand + silt		0	0	0	0	SM
1012													
1013	140					yell white	course sand T-fine gravel						SP
1014	150						as above						SP

* When rock coring, enter rock brokeness.

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

Remarks: 8" drag bit

Drilling Area Background (ppm): 0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-0209/2565
DRILLING COMPANY: UNI-Tech Drilling
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-38R2
DATE: 8-15-00
GEOLOGIST: WUDKWYCH
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	Remarks	PID Reading (ppm): Sample	Bore Hole	Breathing Zone	Filter Pack	USCS*
1439								mixing mud					
1441	60					Red org	course sand + gravel		0	0	0	0	SP
1443	70						as above		0	0	0	0	
1448													
1449	80						as above		0	0	0	0	SP
1451	90			90			fine-course sand		0	0	0	0	SP
1455													
1457	100						as above T-clay lense		0	0	0	0	SP

* When rock coring, enter rock brokeness.

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

Remarks: 8" drag bit

Drilling Area Background (ppm):

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Beth Page
PROJECT NUMBER: CTO-208 / 0565
DRILLING COMPANY: Unitech Drilling CO
DRILLING RIG: Failing 1500

BORING NUMBER: VP13-38R2
DATE: 8-15-00
GEOLOGIST: F. WUDKWYCH
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	Remarks	PID Reading (ppm) Sample	PID Reading (ppm)	PID Reading (ppm)	PID Reading (ppm)	USCS *
							4" concrete sub base						
1406	10					Brn org	course sand + gravel		0	0	0	0	SP
1408	20					orge	course sand + gravel		0	0	0	0	SP
1417	30					org	course sand + gravel						
1429	40					org	medium - course sand		0	0	0	0	SW
1432	50					org	medium - course sand + gravel		0	0	0	0	SP

* When rock coring, enter rock brokeness.

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

Remarks: 8" drag bit 8"x10' Reamer to 209' 6" PVC casing to 209' 6" drag bit below casing

Drilling Area Background (ppm): 0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: NU565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 07-20-00
GEOLOGIST: S. Patepko
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	Remarks	Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
0929	1							hand auger to ~1 FT					
0935	10					H.br. H.gy. wt.	c. to v.c. sand + w.r. to s.r. 1/8" to 1/2" ϕ qtz. gravel		0.0	0.0	0.0	0.0	SP
0938 / 0950	20					var.	same as above with gneissic gravel + tr.	1/8" to 1/4" ϕ	0.0	0.0	0.0	0.0	
							Fe-oxide cemented sand	recondition borehole					
							lt. gy. / wt. / pk. / lt. br. - dk. br. / or. - br. / bk.	attach 8" x 10'					
							add potable water + thicken	reamer					
0952 / 0953	29						mud						
0953 / 1004	30					var.	c. to v.c. sand, tr. 1/8" to 1/2" ϕ w.r. to s.r. qtz. gravel + Fe-oxide cemented sand	add potable water + thicken mud 0957 - recond.	BG	BG	BG	BG	SP
							lt. gy. / lt. br. / wt. / rd. / or. / dk. br. / bk.	borehole					
1006	40					H.br. H.gy. wt. rd.	c. to v.c. sand, tr. f. gravel	recond. borehole drilling mud turning red color	BG	BG	BG	BG	SP
1008	50												

* When rock coring, enter rock brokeness.

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

Remarks: 8" x 1' drag bit with 8" x 10' reamer to 70 FT
6" x 1' drag bit below 70 FT. Install temp. 6-inch PVC well casing to 65 FT. Air monitor with PE photovac 2020 PID.

Drilling Area Background (ppm): 0
0945 → PID BG increases @ 1.5 - 3.0

Converted to Well: Yes _____ No X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO #208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 07-20-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
S-1 @	50	50/56	9.5			rd. lt.br.	m. to c. sand, 4" mostly gravel 2" from bottom	1/8" to 1" ϕ	0.0	–	–	–	SP
1039	52	57/59	24				of interval	w.r. to s.r. qtz					GW
							gravels wt./lt.br./bk./rd.	EOR=1					
HP-1 @	53							1140-Collect sample BP-VPB-38-053054. See log sheet for details.					
?	54												
1259							continue drilling						
1300	60					rd.br.	c. to v.c. sand + clay/silt	very poor returns	0.0	0.0	0.0	0.0	SP
													ML/CL
1303 1357	70					var.	c. to v.c. sand, tr. f. gravel	recond. borehole	0.0	0.0	0.0	0.0	SP
							wt./lt.br./or.-br./or./rd.	EOR=2					
								install 65 FT of 6" Temp PVC casing					
1358	77						stop drilling						
1400													
1401 1411	80					wt. lt.br.	c. to v.c. sand, tr. rd-or. clay	recond. borehole	0.0	0.0	0.0	0.0	SP
						rd. or.		EOR=3					CL
1413	90					lt.br. lt.gr.	c. to v.c. sand		0.0	0.0	0.0	0.0	SP
						wt. rd. or.		de-sand mud					

* When rock coring, enter rock brokeness.

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

Remarks: Collect samples from mud circulation using strainer at 0'-90', 110'-140' and 160'-190'. Strainer mesh to wide to retain f. to m. sands (>0.5 mm)

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X

Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0200
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-38
DATE: 07-20-00
GEOLOGIST: S. Pekpko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1415 / 3-2	100	42/63	4		dense to v. dense	lt. br.	mostly m. to c. sand fining downwards to	de-sand mud	0.0	0.0	0.0	0.0	SP
@ 1431	102	100/over 5"	24		v. dense		mostly m. sand, sm. gravel, w.r. to s.a., 1/8" to 1.5" ø (bk. / lt. gy.)	recond. borehole EOR=4					
HP-2 @ 1440	101.5							1522. collect sample BP-VPB 38-101102. See log sheet for details.					
	102.5												
1525							continue drilling						
1526	110					lt. br. lt. gy. or. or. br.	c. to v.c. sand, sm. clay / sandy clay		0.0	0.0	0.0	0	CL
1528 / 1534	120					wt. lt. br. lt. gy.	c. to v.c. sand, tr. or. sandy clay + f. gravel	recond. borehole EOR=5	0.0	0.0	0.0	0.0	SP CL
1535	130					lt. gy. lt. br. wt.	c. to v.c. sand + f. gravel, tr. or. sandy clay		0.0	0.0	0.0	0.0	SP CL
						wt. lt. br. lt. gy.	c. to v.c. sand, sm. f. gravel, tr. buff sandy clay.	recond. borehole de-sand mud EOR=6	0.0	0.0	0.0	0.0	SP CL
1536 / 1544	140												

* When rock conng, enter rock brokeness.

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

Remarks: Abbreviations: rd. = red, wt = white, gy. = gray, br. = brown, bk. = black, or. = orange, lt. = light, dk. = dark, w.r. = well rounded, s.r. = subrounded; s.a. = subangular

Drilling Area Background (ppm):

Converted to Well: Yes ____ No X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565 . 0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 07-20-00 / 07-24-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1545 S-3	150	21 / 55	12		m. dense / v. stiff to	wt. H. gy.	8" gravel, mostly w.r. qtz; 1/4" ⌀ to 1.5" ⌀ +	recond. borehole	0.0	0.0	0.0	0.0	GW
@ 1559	152	100 / over 3"	24		v. dense / hard	dk. dk. br.	Sm. Fe-oxide cemented sand → sandy clay / clayey sand	de-sand mud					CL/SC
							in matrix over bottom 3" 4" H. br. m. to c. sand	top 8" poss. lag					SP
							with 1/4" clayey interbed + Sm. qtz. gravel						SC
NO 3 @	151.5							1645 - collect sample BP-VPB-38-15152. See log sheet for details					
1609	152.5												
1650							recondition borehole + thicken drilling mud.						
07-21													
07-24 1014							continue drilling						
1016	160					br.	clay + sandy clay, tr.	recond borehole	0.0	0.0	0.0	0.0	SC
1021							c. to v. c. sand + f. gravel (wt. / H. gy.)	driller reports "clay-like" drilling from 152' ~ 157'					SP
								EOR = 7					
1021	170						same as above	driller reports "clay-like" drilling b/w 170' - 172'	0.0	0.0	0.0	0.0	SC
													SP
1022 / 1032	180					br. H. gy.	same as above	recondition borehole	0.0	0.0	0.0	0.0	SC
						v. br.		EOR = 8					SP
1033	190					var.	clay + sandy clay. Sm. c./v.c. sand, f. gravel,		0.0	0.0	0.0	0.0	SC
							mica crystals, + Fe-oxide cemented sand H. br. dk. br. / H. gy. / blk. / wt.						SP

* When rock coring, enter rock brokeness.

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

Remarks: sm. = some (11-30%); tr. = trace = (0 > 10%), adjective; ie sandy = (31-50%). ⌀ = diameter

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 07-24-00
GEOLOGIST: S. Pelepka
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1034 S-4	200	26/50	4		m dense to dense	lt br. dk br.	1/4" to 1" ⌀ w.r. to s.u. gravel + Fe-oxide	record borehole de-sand mud	0.0	0.0	0.0	0.0	GW
@ 1104	202	76/100	24		v. dense	bk. Hg. wt.	cemented sand → sample appears to be entirely lag	1054-thicken drilling mud, record borehole					
		over 4"											
								EOR=9					
HP 4 @ 1118	202						hydropunch screen coated with brown clay → insufficient sample volume in hydropunch → drill to next interval						
	~~203~~ 203												
1204							continue drilling	"clay-like" drilling since 200 FT					
1214 S-5	210	20/50	0		—		no sample recovery →	recondition borehole	←	0.0	0.0	0.0	
@ 1223	212	55/100	24		—		trap ~~broke~~ broken. SP 07-24-00						
		over 4"											
HP 5 @ 1240	211						hydropunch screen coated with dk. gy. clay → no formational water in hydropunch → drill to next interval						
1349							continue drilling	de-sand drilling mud					
1356 S-6	220	17/70	0		—		no sample recovery →	recondition borehole	—	0.0	0.0	0.0	—
@ 1408	222	100 over 2"	24		—		trap broken	"clay-like" drilling b/w 210' - 220'					
								EOR=10					
HP 6 @ 1418	221						dk gy clay coating hydropunch screen	1530-collect sample BP-VPB-38-221222.					
	222												

* 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 ~~NO~~ X SP 08-07-00

Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565 # 0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 07-24-00 / 07-25-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sample BZ	Borehole	Driller BZ	USCS *
1531							continue drilling						
								drillr reports					
								sand about					
								229 FT					
1535 S-7	230	29/42	21		v. stiff to hard			recond. borehole	0.0	0.0	0.0	0.0	OH
@ 1548	232	52/77	24		hard								OH/ML
													CL/ML
													OH/ML
													OH
HP7 @	232					dk.gy	2" dense clay						ML
1602	233					gy. bk. dk.gy	7.5" laminated silty f. sand / clay (lignitic) / lignite	→ interbedded					
						dk.gy	4" sandy / silty clay to clayey / silty f. sand	no sample collected → dk.					
						gy.	1" silty f. sand with black lignitic clay / lignite laminae	gy. clay coatings hydropunch					
						dk.gy	6.5" v. dense dk. gy. clay, sm. gy. silty f. sand	screen.					
07-24							laminae	fm. mat'l comp. in shoe					
07-25 0611	SP 07-25-00						continue drilling						
								"clay-like" drilling from					
								230' - 240'					
08? S-8	240	11/15	22		stiff	lt. br. gy. dk. gy.	13" dense clay → poss. lag near top SP 07-25-00	recond. borehole	BG	BG	BG	BG	OH/CH
@ 0627	242	27/38	24		m. dense to dense	var.	9" interbedded ~~silty~~ f. to m. sand / clay + clayey / silty	EOR = 11					OH/SM
					sm. fines		laminae / m. to c. sand → hard Fe-oxide cemented sand frag.	in middle of					SC/SP
							lt. br. / lt. gy. / or. br. / bk. / dk. br.	interval					
HP8 @	243							0914 - collect sample BP VPB-38-243244					
0636	244							See sample log sheet for details					

* When rock coring, enter rock brokeness.

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

Remarks: 07-25-00 → PID background = 0.3 - ~~0.4~~ 1.8 ppm. SP 07-25-00
poss. due to high humidity

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-38
DATE: 07-25-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
0914							continue drilling	mostly "sand-like"					
								drilling btw 240'					
								to 250' - poss.					
								clay bed near					
								bottom of					
								interval ~248'-					
								249'					
0915 S-9	250	40/70	0		—		no sample recovery →	tr. lt. gy. clay inside	—	BG	BG	BG	—
@ 0925	252	60/65	24		—		trap broken	spoon near shoe					
HP9 @	252							1025-collect sample BP-VPB-					
0936	253							38-252&253. See sample log					
								sheet for details					
1027							continue drilling						
1029 S-10	260	25/30	16		m. dense	lt. br. or. br.	12.5" interbedded f. to mostly m. sand / silty /	recond. borehole de-sand mud	0.6	0.2	0.3	0.3	SP
@ 1042	262	30/30	24		m. dense	bk.	clayey f. to m. sand ~~[illegible]~~ SP 07-25-00	3.5" var. clay lag					SM/SC
							tr. bk. lignite laminae	sample laminated					
								to mottled					
								EOR=12					
HP9 @	263							1130-collect sample BP-VPB-					
1051	264							38-262 264. See sample log					
								sheet for details.					
1131							continue 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): 0.1

Converted to Well: Yes ____ No X

Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-38
DATE: 07-25-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1133 S-10	270	19/30	15		m. dense	var.	silty/clayey f. to m. sand with sm. cleaner	recond. borehole de-sand mud	1.1	0.0	0.3	0.5	SC/SM
@ ?	272	33/37	24		dense		f. to m. sand interbeds						SP
							lt. br. / or. br. / bk. / gy. / br.						
HP10 @	273							1239 - collect sample BP-VPB-38-273274. See log sheet for details.					
1155	274												
1240							continue drilling						
1243 S-11	280	19/46	12.5		m. dense to dense	lt. gy. br.	m. to c. sand, appears banded, tr. silty	recond. borehole, de-sand mud	2.7	0.0	0.0	0.0	SP
@ 1254	282	55/40	24		v. dense to dense	lt. br.	laminae	EOR = 13					SM
							sm. bands have higher percentages of fines; sm. fines	1.5" clay log at top					
							most of sample is clean sand						
HP11 @	283							1331 - collect sample BP-VPB-38-283284. See log sheet for details					
1304	284												
1332							continue drilling						
1334 S-12	290	21/42	16.5		m. dense to dense	w. br. br.	12.5" mostly m. sand, tr. clayey/silty micro-laminae	recond. borehole, de-sand mud	0.6	0.0	0.0	0.0	SP
@ 1347	292	38/35	24		dense	lt. br. lt. gy.	sm. fines over top 2"	4" clay log					
HP12 @	293							1438 - collect sample BP-VPB-38-293294.					
1355	294							Dup. BP-VPB-38-295296 also collected at interval; See log sheet for details.					

* 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 X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Vai-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 07-25-00 / 07-27-00
GEOLOGIST: S. Pekopko
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	Remarks	PID Reading (ppm)				USCS*
1438							continue drilling						
1439 S-13	300	12/38	24		moderate/ stiff to	var.	10" interbedded sandy clay / clayey to silty f.	recent. borehole de-sand mud	0.9	0.0	0.0	0.0	SC/SM
@ 1453	302	32/55	24		dense/ hard		to m. sand / lignite / lignitic clay (laminated)	EOR=14					OH/CL
					dense/ hard to		br. / or. br. / blk. / br. gy.	fm. metl comp. in shoe					
					v. dense/ hard	br.	1" c sand with lt. gy. clay lamination	1" ϕ v. dk. br. lignite inclusion					SP
						var.	3" laminated dense clay with sandy / clayey sand	near middle of sample → wood					CH/OH
HP13 @	300						laminae br. / dk. gy. / blk. / or. br.	fabric evident					
1502	303					gy. dk. gy.	10" → similar lithology to top 10" with sm. thin f. to	1542 - collect					SC/SM
						blk.	m. sand beds	sample BP-VPB-38-302303. See					OH/CL
1542							continue drilling	log sheet for details.					SP
1543 S-14	310	15/40	7.5		m. dense to dense	or. br. br.	mostly m. sand becoming slightly coarse with depth →	de-sand mud recent borehole	0.0	0.0	0.0	0.0	SP
@ 1557	312	100/4"	24		v. dense		mostly m. to c., sm. fines, sm. clayey / silty inclusions at top of interval	1" clay log					
HP14 @	312.5							1648 - collect sample BP-VPB-38-312313. See log sheet for details.					
1606	313.5												
07-25 / 07-27													
1019							continue drilling						
1020 S-15	320	20/25	13.5		m. dense	lt. br. or. br.	mostly m. to sm. c. sand, sm. fines near middle & bottom	recent. borehole de-sand mud	BG	BG	BG	BG	SP
@ 1033	322	19/20	24		m. dense		of interval. 0.5" blk. lgy. clay / clayey bed in middle of	2" clay log fm. metl comp.					OH/SC
							sample. sm. hard Fe-oxide cemented sand + fr. silty / clayey inclusions	in shoe EOR=15					

* When rock coring, enter rock brokenness.

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

Remarks: PID background on 07-27-00 = 6 to 25 ppm → high readings likely due to high humidity conditions.

Drilling Area Background (ppm): 0.

Converted to Well: Yes ____ No X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Beth page - CTO 0244
PROJECT NUMBER: N0565.4200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 150

BORING NUMBER: VPB-38
DATE: 07-27-00
GEOLOGIST: S. Pekala
DRILLER: J. Elon

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	Remarks	PID Reading (ppm)				USCS*
1415 @	323							1128 - collect sample BP-VPB-38-323324					
1016	324							See log sheet for details					
1126							continue drilling						
1129 5-16	330	25/50	7		m. dense to dense	H.br. lt.-m.	mostly m. sand at 1/4" clayey bed ~~at top~~ spot-3-4"	recover borehole de-sand mud	BG	BG	BG	BG	SP
@ 1149	332	100/5"	24		v. dense		of sample						
1216 @	3315							1240 - collect sample BP-VPB-38-331332.					
1159	332.5							See log sheet for details					
1245							continue drilling						
							SP 07-3-00						
1247 5-17	340	20/33	14		m. dense to dense	var.	~~fine~~ mostly m. sand, bk. clayey/silty micaceous near bottom	recover. borehole de-sand mud.	—	—	—	—	SP
@ 1258	342	40/50	24		dense		mottled H.gy / H.br. / lt. br.	EQR = 16					
								fm. moist					
								comp. instruc.					
1417 @								1348 - collect sample BP-VPB-38-343344					
1349								See log sheet for details					
1350								thicker mud					
1353							continue drilling						

* When rock coring, enter rock brokeness.

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

Remarks: PID background reading are 1ppm.
1350 - PID malfunctioning due to high humidity

Drilling Area Background (ppm): 50-7100

Converted to Well: Yes ____ No X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: NUS65.0208
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 07-27-00 / 07-28-00
GEOLOGIST: S. Prepko
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	Remarks	PID Reading (ppm)				USCS*
1355 S-18	350	14/14	11		M. dense	L. br. M. br.	mostly m. sand, 14" clayey / silty bed in middle of	recent. borehole desand mud	—	—	—	—	SP
@ 1400	352	24/35	24		M. dense to dense	br. gr.	sample interval (bk.), tr. hard Fe-oxide cemented sand fragments						
HP18 @	353						insufficient sample volume in hydropunch; will						
1417	354						attempt second sample at same interval.						
HP19 @	354							1616 - collect sample BP-HPB-					
1505	355							38-354355. See log sheet for details.					
1620													
1622 S-19	360	18/31	0		—		no sample recovery →	recent. borehole desand mud	—	—	—	—	—
@ 1639	362	55/83	24		—		outside of spoon covered with lt. gy. clay + sandy clay	Trap broken EAD=17					
07-27 / 07-28 S-20 @	360	— / —	0		—		no sample recovery →	steel trap	—	0.0	0.0	0.0	—
0839	362	— / —	24		—		some residual clay / sandy clay inside and outside of split spoon	broken					
HP20 @	362						no groundwater in hydropunch → sandy clay + lignite trap						
0851	363						on hydropunch screen						

* When rock coring, enter rock brokeness.

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

Remarks: *PID malfunctioning
07-28-00 → PID background = 0.0 ppm
0850 - PID background increasing due to basin humidity → 5-9 ppm

Drilling Area Background (ppm): —

Converted to Well: Yes _____ No X Well I.D. # N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 07-28-00 / 07-31-00
GEOLOGIST: S. Pekala
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	Remarks	PID Reading (ppm)				USCS *
1005							continue drilling						
								driller reports					
								"clay-like"					
								drilling to					
								367 FT (BGS)					
1024 S-21	370	52/100	6		v. dense	lt. br. br.	mostly m. sand	recond. borehole	BG	BG	BG	BG	SP
@ 1033	372	0.4" / –	24			br. gy		v. thin br. clay bed at					
								top (lag ?)					
								fm. mat'l comp. in shoe → hard					
1021 @	371						no groundwater in hydropunch	have difficulty driving HP					
1043	372												
07-28													
07-31 0955							continue drilling						
0959 S-22	380	80/73	8.5		dense to v. dense	br. gy. lt. gy.	m. to c. sand, 1" silty bed at top of sample	recond. borehole	BG	BG	BG	BG	SM
@ 1022	382	100/ –	24		v. dense	or. br. bk.	interval.	fm. mat'l comp. in shoe					SP
								1.5" clay / sandy clay lag					
								EOR = 18					
HP 22 @	381.5							1147 collect sample AR-VPB-					
1035	382.5							38-381/382 See					
								log sheet for					
								details.					
1148							continue drilling						

* When rock coring, enter rock brokeness.

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

Remarks: 1045 - PID background = 30-60 ppm.
07-31-00 - elevated background PID readings likely due to high humidity

Drilling Area Background (ppm): 08-10

Converted to Well: Yes ____ No X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage CTO 0200
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 07-31-00/08-01-00
GEOLOGIST: S. Pekpk.
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	Remarks	PID Reading (ppm)				USCS*
1150 S-23	390	50 / 440	0		—		no sample recovery	recond. borehole	—	0.0	0.0	0.0	—
@ 1206	392	100 / 5" —	24		—			place of dk. gy. sandy clay					
								key in split spoon					
WP23 @	391							1412-collect sample @ VPB					
1217	392							38-391392. See log sheet for details					
1416							continue drilling						
1417 S-24	400	16 / 446	7.5		m. dense to dense	Hsy.	2.5" f. to m. sand, sm. fines	recond. borehole dk-sand rock	0.0	0.0	0.0	0.0	
@ 1439	402	100 / over 3"	24		v. dense	gy. Hbr	2.5" clayey/silty f. to m. sand (lignite), sm. lignite	fine med.					SM/SC
						H. br.	2.5" f. to m. sand	comp. in shoe					SP
								EOR = 19					
WP24 @	401.5							1548-collect sample @ VPB					
1450	402.5							38-401 402. See log sheet for details.					
07-31 08-01													
0843							continue drilling						
0845 S-25	410	33 / 641	3.5		hard	gy. dkbrn	clay / sandy clay, sm. lignite + Fe-oxide cemented sand	recond. borehole "clay-like"	0.8	0.8	0.8	0.8	CH/OH
@ 0854	412	100 / over 5"	24		hard	dkbr.	frags	drilling now bottom (410)					CL
						*	sample possibly all lag						
WP25 @	411.5						insufficient sample volume in hydropunch → sm. dk. gy.						
0909	412.5						clay/sandy clay on screen						

* When rock coring, enter rock brokeness.

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

Remarks: 0845 → Background PID readings = 3.8 to 4.1 ppm as a result of high humidity

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. # N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0206
PROJECT NUMBER: N0565.0206
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-36
DATE: 06-01-00
GEOLOGIST: S. Pekopko
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 Description	Remarks	PID Reading (ppm)				USCS*
1023							continue drilling	driller reports interbedded sand/clay drilling to ~410. Sand from 410-420					
					m. dense/ v. stiff								
1027 S-26	420	28/45	22		to dense/ hard	Gray.	2" dense clay	recov. barrel	BG	BG	BG	BG	CH
@ 1036	422	67/100	24		hard/ v. dense	Gray. Brn.	9" silty f. to m. sand, sm. clayey/silty laminae with lignite	EOR = 20					SM/SC
		air 3"				gy.	1.5" sandy clay grading to dense clay	lm. mod'l					SM CL
						gy. Hgy.	9.5" clayey/silty f. to m.	comp in shoe					CH/CL
						dk gy. blk	sand with 1.5" dense clay interbed. Abundant lignite/						SM/SC
HP26 @	422						lignitic clay laminae near bottom						CH/CH
1053	423						insufficient sample volume in hydropunch. Dk gy clay on screen.						
1206													
1208 S-27	430	24/42	6		v. stiff to hard	dk. gy. gy.	dense clay with silty f. sand/ sandy laminae	recov. barrel dense sand	BG	BG	BG	BG	CH/CH
@ 1222	432	100 dry-4	24		hard	blk.	piece of pyrite-cemented sand at top of interval + sm. lignite frags.						CL/ [illegible]
HP 27 @	433.5							1350 - collect sample BP-VPB					
1233	432.5							28 - 431/432. See log sheet for details.					
1351													
1353 S-28	440	46/100	2		hard	dk gy blk.	clay with silty f. sand/ sandy laminae + sm. lignite frags.	recov. barrel. dk-sand rock	BG	BG	BG	BG	CH/CH
@ HP28	442	[illegible] 3"	24		—	gy.	* poss. contacts lay	EOR = 21					CH/ [illegible]

* When rock coring, enter rock broken.

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

Remarks: * > 400 ppm; PID malfunctioning due to high humidity
1205 - PID background = 10-11 ppm
1350 - PID background = 15-19 ppm

Drilling Area Background (ppm): *

Converted to Well: Yes ____ No X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-38
DATE: 08-01-00 / 08-02-00
GEOLOGIST: S. Pelepka
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	Remarks	PID Reading (ppm)				USCS *
HP26 @	441						insufficient sample volume in hydropunch → silt-screen						
1419	442						coated with gy clay						
1529													
1532 / S-29	450	42/63	11		dense to v. dense	br. gy	3" c. to v.c. sand, tr. clay inclusions (lt. gy.)	recondition borehole	BG	BG	BG	BG	SP
@ 1547	452	100/~~100~~ 3"	24		v. dense	lt. gy. br.	6" f. to m. sand, sm. fines, banded	sp [illegible] ~~[illegible]~~ fm					
								mat'l comp. in shoe					
								2" dk gy. clay & pyrite-rem.					
								sand lay					
HP27 @	451.5							1710-collect sample BP-VPB-38-451					
1559	452.5							452 + dup BP-VPB-38-458					
06-01								459. See log sheet for details					
06-02 0751							continue drilling						
0753 / S-30	460	46/100	5.5		dense to v. dense	br. gy. gy.	f. to m. sand, sm. fines near bottom of interval	recond borehole de-sand mud	BG	BG	BG	BG	SP
@ 0811	462	100/~~100~~ 5"	24		—		(5.5")	Eve = 22					
								~1" clay/sandy clay lay					
HP30 @	461							0935-sp collects sample BP-VPB-					
0822	462							38-461/462. See log sheet for					
0935								details					
								fm. mat'l comp in shoe					
0937 / S-31	470	34/63	6.5		dense to v. dense	lt. br. br. gy.	mostly m. sand fining downward to f. to m. sand, ~~[illegible]~~	recond borehole de-sand mud	—	—	—	—	SP
@ 0951	472	100/~~100~~ 5"	24		v. dense	wt. blk.	~~[illegible]~~ SD 08-02-00	1" clay/sandy clay lay					

* When rock coring, enter rock brokeness.

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

Remarks: 1530 → background PID = 4-10 ppm.
* 0750 → PID background = 35-40 ppm (high humidity)
0930 → PID malfunctioning. >200 ppm background readings

Drilling Area Background (ppm): [ ]

Converted to Well: Yes ____ No X Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0204
PROJECT NUMBER: N0565.0800
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-38
DATE: 08-08-00
GEOLOGIST: S. Arkoh
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	Remarks	PID Reading (ppm)				USCS*
HP31 @	1115							1118 - collect sample BP-VPB-38-1114 72. See log sheet for details.					
1004	1112.5												
1119							continue drilling						
1120 S-32	1160	40/70	5		dense to v. dense	br. gy. / H. Hem.	muddy m. sand, thin H. gy. clay bed (boomerang)	recov. - bottom de-sand mud	BG	BG	BG	BG	SP
@ 1136	1162	45/15	24		dense to m. dense	bk.	new typ; tr. clayey inclusions	EOR = 23					
							fm. mod. comp. in shoe						
HP32 @	1183						no groundwater in hydropunch						
1148	1184												
1302													
1303 S-33	1190	12/12	5.5			var.	f. to mostly m. sand, some fine + tr. clayey inclusions near bottom	recov. bottom de-sand mud	BG	BG	BG	BG	SP
@ 1327	1192	35/45	24					Fe-solid + pyritic-cemented sand + H. gy.					
							H. br. / br. gy. / pk. / H. gy.						
							fm. mod. comp. in shoe	clay at top of sample → log?					
HP33 @	1192							1444 - collect sample BP-VPB-38-1192 493. See log sheet for details.					
1338	1193												
1451							continue drilling						
1452 S-34	1500				—			recov. bottom half and pot. water	-	BG	BG	BG	-
~~HP34~~ @	1502				—		* lose drilling mud + fm. at 500 FT. *	thicken mud EOR = 24					

* When rock coring, enter rock broken.

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

Remarks: * 1116 - PID background = 100-180 ppm → pass due to high humidity
1346 - PID background = 23-35 ppm ~~1450 - PID BG = 15-17 ppm~~

Drilling Area Background (ppm): *

Converted to Well: Yes ____ No X 10-03-00 Well I.D. #: N/A

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0206
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-38
DATE: 08-03-00 / 08-04-00
GEOLOGIST: S. Pelopke
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	Remarks	PID Reading (ppm)				USCS*
S-34 @	500	67/100	6.5			br-gy.	mostly c. to v.c. sand fining downwards to m. to	1355 - recond. borehole, de-sand	0.0	0.0	0.0	0.0	SP
1418	502	100/2" —	24				c. sand	mud pyrite + Fe-oxide					
							fm. mat'l comp. in shoe	cemented sand frags + clay lag					
								at top EOR = 24					
HP34 @	500.5						only 20 mL of ground water in hydropunch → secondary						
1430	501.5						screen coated with silt.						
1559							continue drilling						
1602 S-35 @	510	32/76	11.5		dense to v. dense	br. gy.	3.5" m. to c. sand	recond. borehole v. dk. br. / bk.	0.0	0.0	0.0	0.0	
1624	512	100/2"	24		v. dense	gy.	0.5" clay bed grading to ~~clayey~~ clayey sand	organic-rich silts + lignite					CH/SC
						gy. bk.	7.5" f. to m. sand. sm. lignite / lignitic clay + silt	in return circulation →					SP
							laminae	wood fabric evident					OH/OL
							1/2" @ w.r. qtz gravel + Fe-oxide cemented sand	fm. mat'l comp. in shoe					
HP35 @	511.5						frags in top 3.5" → poss. lag	1750 - collect					
?	512.5							sample BP-VPB-38-511512. See					
08-03								lag sheet for details.					
08-04 0854							continue drilling						
0900 S-36	520	18/33	7.5		m. dense to dense	gy. bk.	2" lignitic clay to sandy clay, tr. gravel → lag?	recond. borehole	BG	0.0	0.0	0.0	SP
@ 0921	522	38/34	24		dense	br. gy	5.5" m. to c. sand	EOR = 25					
							sm. or br. mottling + Fe-oxide cemented sand	sample comp. in shoe but "soft"					
HP36 @	522	44/44	SP 08-04-00				no ground water in hydropunch?						
0935	523	46/25											

* When rock coring, enter rock brokeness.

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

Remarks: Unable to establish return circulation on 08-02-00 → pull tools. Mixed mud at surface + advance temp. casing (6" PVC) to 75 FT (BGS). Advance tools + recond. borehole on 08-03-00.

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: N/A

0927 → PID BG increasing to 7-8 ppm.

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-38
DATE: 08-04-00 / 08-07-00
GEOLOGIST: S. Pekpko
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	Remarks	PID Reading (ppm): Sample	Sample BZ	Borehole	Driller BZ	USCS *
1044							continue drilling	minimal bit-chatter from ~520'-525'					
1047 S37	530	19/64	7		m. dense to v. dense	bk. gy.	1" clay / sandy clay / lignite → lag?	recond. borehole	0.0	0.0	0.0	0.0	SP
@ 1101	532	48/25	24		dense to m. dense	lt. gy.	f. to m. sand, sm. fines → 4.5"						
						gy. bk.	0.5" lignitic clayey / silty interbed → laminated						sm/sc
						br. gy. lt. br.	1" m. to c. sand, sm. fines						SP
HP37 @	533						no groundwater in hydropunch?						
?	534												
08-04													
08-07 HP38 @	533						dk. gy. sandy clay partially covering HP screen	1225 - collect sample BP-VPB-38-					
1109	534							533534. See log sheet for details					
1229													
1238 S-38	540	10/15	0				no sample recovery	recond. borehole / de-sand mud	—	BG	BG	BG	—
@ 1249	542	17/18	24				dk. gy. piece of sandy clay + tr. lignite frags. in spoon	FOR = 26					
HP39 @	543						no groundwater in hydropunch?						
1258	544						tr. dk. gy. clay on drive point						

* When rock coring, enter rock brokeness.

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

Remarks: Abandon Boring on 08-04-00 due to formational collapse. 6" PVC Surface casing section broke off down hole → grouted in place between 40' to 75' (BGS).

Drilling Area Background (ppm): 20-35

Converted to Well: Yes ____ No X Well I.D. #: N/A

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-38
QA Sample Type:

[] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[x] Other Blank Drilling Mud Sample

Sample ID Number: BP-VPB-38-DM-150
Sampled By: S. Pelepko
C.O.C. Number: BP-VPB-013

SAMPLING DATA:

Date: 07-24-00
Time: 0955
Method: see below

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[x] Other drilling mud *
[] Tap
[] Fire Hydrant

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

Product Name: N/A
Supplier: N/A
Manufacturer: N/A
Order Number: N/A
Lot Number: N/A
Expiration Date: N/A

RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
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 SPOT-34-00		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:

* mixture of potable water + Pure Gold Bentonite Gel + formation of water/soil. Fill sample bottlewore directly from mud pan beneath rig table. Circulating mud with rig pump at 80 FT (BGS) during sample collection (TD = 150 FT).

Water Quality Parameters:

- pH = 9.38
- Sal. = 0.08 %
- Temp. = 21.5 °C
- Color = v. cloudy, brown
- D.O. = 3.38 mg/L
- S.C. = 1.80 mS/cm
- Turb. = >999 (visual) NTU

Signature(s): [signature]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-38
QA Sample Type:

Sample ID Number: BP-VPB-38-DM-310
Sampled By: S. Pelepko
C.O.C. Number: BP-VPB-014

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

SAMPLING DATA:

Date: 07-27-00
Time: 0745
Method: see below

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[x] Other drilling mud *
[] Tap
[] Fire Hydrant

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

Product Name: N/A
Supplier: N/A
Manufacturer: N/A
Order Number: N/A
Lot Number: N/A
Expiration Date: N/A

RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
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 SP07-27-00		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:

* mixture of potable water + Pure Gold Bentonite Gel + formational water. Fill sample bottleware directly from mud pan underneath drill rig table. Borehole depth = 310 FT (BGS).

Water Quality Parameters:

pH = 6.91
S.C. = 0.532 mS/cm
Turbidity = 2999 (visual)
Temp. = 20.5 °C
Sal. = 0.02%
Color = v. cloudy br.-gy.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-38
QA Sample Type:

Sample ID Number: RB-072700
Sampled By: S. Pekoto
C.O.C. Number: BP-VPB-014

[] Trip Blank
[] Source Water Blank
[■] Rinsate Blank / Field Blank
[] Other Blank

SAMPLING DATA:

Date: 07-27-00
Time: 1005
Method: See below

WATER SOURCE:

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

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

Product Name: unknown
Supplier: Eco Test Labs
Manufacturer: unknown
Order Number: unknown
Lot Number: unknown
Expiration Date: unknown

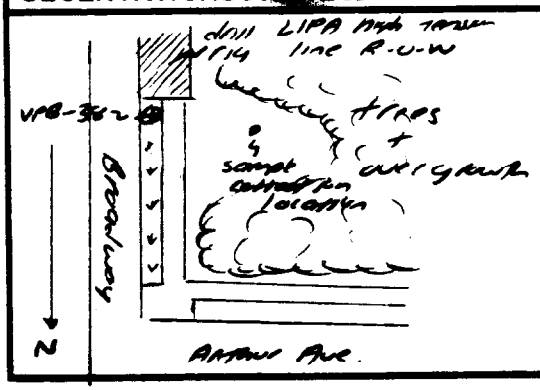
RINSATE INFORMATION (If Applicable):

Media Type: groundwater
Equipment Used: hydropunch
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 / [redacted]



• Sample bottleware filled by pouring lab-supplied water through decontaminated hydropunch sampling tube. Drill rig idling + de-sander pump running during sample collection.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-38
QA Sample Type:

Sample ID Number: FB-072700
Sampled By: S. Pekoko
C.O.C. Number: BP-VPB-014

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

SAMPLING DATA:

Date: 07-27-00
Time: 1024
Method: Direct Pour

WATER SOURCE:

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

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

Product Name: unknown
Supplier: Eco Test Labs
Manufacturer: unknown
Order Number: unknown
Lot Number: unknown
Expiration Date: unknown

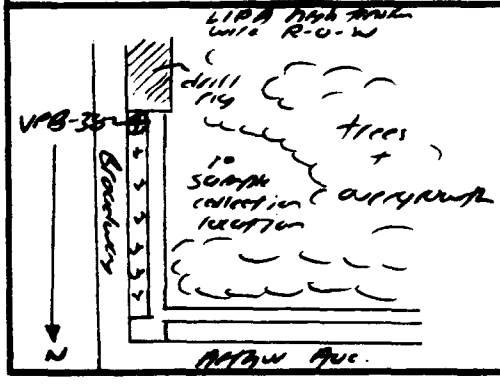
RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
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:



• Drill rig circulating mud at 320 FT (BGS) + de-sander pump running during sample collection.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-38
QA Sample Type:

Sample ID Number: RB-073100
Sampled By: S. Pokopko
C.O.C. Number: BP-VPB-016

[] Trip Blank
[] Source Water Blank
[■] Rinsate Blank / Field Blank
[] Other Blank

SAMPLING DATA:

Date: 07-31-00
Time: 0955
Method: See Below

WATER SOURCE:

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

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

Product Name: unknown
Supplier: Eco Test Laboratories
Manufacturer: unknown
Order Number: unknown
Lot Number: unknown
Expiration Date: unknown

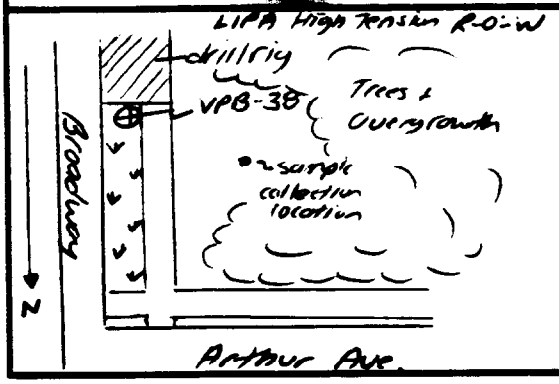
RINSATE INFORMATION (If Applicable):

Media Type: groundwater
Equipment Used: hydropunch
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 SP 07-31-00		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:



• Sample bottleware filled by pouring lab-provided water through decontaminated "silt-filter". Drill rig drilling between 370 FT to 380 FT during sample collection.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.020
Sample Location: VPB-38
QA Sample Type:

Sample ID Number: BP-VPB-38-DM-380
Sampled By: S. Pekoko
C.O.C. Number: BP-VPB-016

[] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[x] Other Blank Drilling Mud Sample

SAMPLING DATA:

Date: 07-31-00
Time: 0959
Method: see below

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[x] Other drilling mud *
[] Tap
[] Fire Hydrant

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

Product Name: N/A
Supplier: N/A
Manufacturer: N/A
Order Number: N/A
Lot Number: N/A
Expiration Date: N/A

RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
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 SQ 07-31-00		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:

* mixture of potable water + Pure Gold Bentonite Gel + formational water/soil. Fill sample bottleware directly from middle chamber of mud pan. Circulating mud with rig pump at 380 FT (BGS) during sample collection (TD=380 FT).

Water Quality Parameters:

- pH = 7.39
- S.C. = 1.13 mS/cm
- Turb. = >999 NTU (visual)
- D.O. = 1.66 mg/L
- Temp. = 19.0°C

Sal = 0.05%
Color = v. cloudy br.-gray

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-38
QA Sample Type:

Sample ID Number: BP-VPB-38-DM-460
Sampled By: S. Pekoko
C.O.C. Number: BP-VPB-017

[] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[x] Other Blank Drilling Mud Sample

SAMPLING DATA:

Date: 08-02-00
Time: 0752
Method: See below

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[x] Other drilling mud *
[] Tap
[] Fire Hydrant

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

Product Name: N/A
Supplier: N/A
Manufacturer: N/A
Order Number: N/A
Lot Number: N/A
Expiration Date: N/A

RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
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 50 08-02-00		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 & [redacted]

* mixture of potable water + Pure Gold Bentonite Gel + formational water/soil. Fill sample bottleware directly from beneath rig table (mud pan) during drilling between 450 FT and 460 FT (BGS).

Water Quality Parameters:

- pH = 7.48
- S.C. = 1.19 mS/cm
- Turb. = >999 NTU (visual)
- D.O. = 0.29 mg/L
- Sal. = 0.05 %
- Temp = 17.0 °C
- Color = v. cloudy, br.-gray

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-38
QA Sample Type:

Sample ID Number: RB-080200
Sampled By: S. Pelepko
C.O.C. Number: BP-VPB-017

[] Trip Blank
[] Source Water Blank
[■] Rinsate Blank / Field Blank
[] Other Blank

SAMPLING DATA:

Date: 08-02-00
Time: 0951
Method: See Below

WATER SOURCE:

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

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

Product Name: unknown
Supplier: Eco Test Laboratories
Manufacturer: unknown
Order Number: unknown
Lot Number: unknown
Expiration Date: unknown

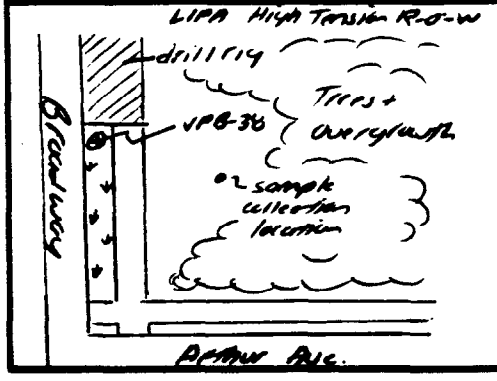
RINSATE INFORMATION (If Applicable):

Media Type: groundwater
Equipment Used: hydropunch
Equipment Type:
[] Dedicated
[■] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C ~~& HCl~~	(2) 40 ml glass vial	YES / NO
Semivolatiles	Cool 4°C SP 08-02-00		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:



• Sample bottles were filled by pouring lab-provided water through decontaminated upper check valve of hydropunch. Driving split-spoon at 470 FT (BGS) during sample collection.

Signature(s): Seth Pelepko

AQUA TERRA GEOPHYSICS INC.
GROUNDWATER/DRILLING CONSULTING
16 STATION ROAD # 8
BELLPORT, NEW YORK 11713
(631) 286-7699

BOREHOLE: VPB-38R2
LOGS:
NATURAL GAMMA
S. POINT RESISTANCE
SPONT. POTENTIAL

PROJECT: CTO-0208 OFFSITE DRILLING
CLIENT: NWIRP BETHPAGE
LOCATION: BROADWAY & ARTHUR

DATE: SEPTEMBER 7, 2000
COUNTY/COUNTRY: NASSAU
STATE/PROVINCE: NEW YO

BOREHOLE DATA

DRILLING CONTRACTOR: UNI-TECH DRILLING CO. INC.
ELEV: DEPTH REF: LAND SURFACE

CUSTOMER TD: 760 FT.
LOGGER TD757 FT.

RUN	BIT RECORD			CASING RECORD		
NO.	Bit Size	From	To	Size/Wgt/Thk.	From	To
1	8 IN.	0 FT.	200 FT.	6" PVC	0 FT.	200 FT.
2	6 IN.	200 FT.	T. DEPTH			
3						

DRILL METHOD: MUD ROTARY
HOLE MEDIUM: DRILLING FLUID
VISCOSITY:

DATE DRILLED: 9/00
FLUID LEVEL: 0 FT.
WEIGHT:

TIME SINCE CIRC: 2 HR.
MUD TYPE: BENTONITE
Rm: at Deg

GENERAL DATA

LOGGED BY: BENJAMIN A. RICE
WITNESS: SCOTT NEIL & MIKE ENGELMANN

OTHER SERVICES:
UNIT/TRUCK: MT. SOPRIS MGX2/1

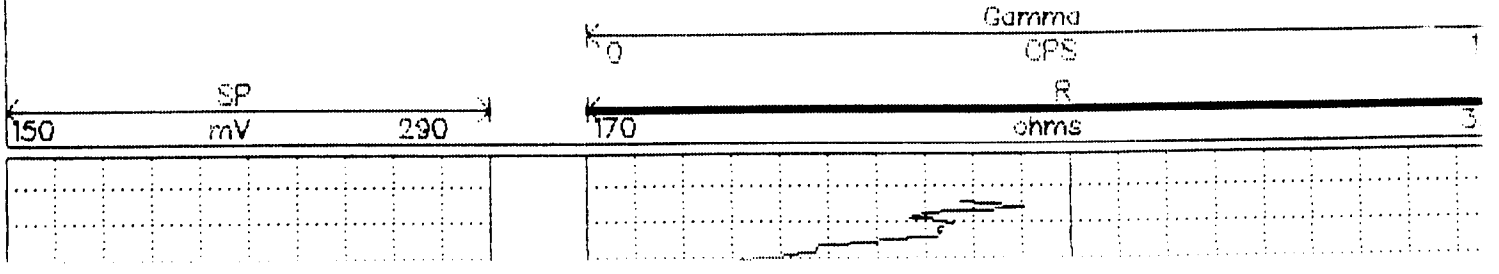
LOGGING DATA

LOG FUNCTION	RUN NO.	EQUIPMENT MODEL	PROBE S.N.	UPHOLE S.N.	LOGGING DIG INT FEET	SPEED FT/MIN	DETECTOR TYPE	SOURCE TYPE	SIZE GBq	LOGGED INTERVAL FROM	TO	INT. FEET	COMMENTS
N. GAMMA	1	5MCA	2201	1123	.10	20	NaI			3	757	754	W.A. = 2
SP-R	2	5MCA	2201	1123	.10	25				200	757	557	

DIGITAL FILE NAME(S):
REMARKS:

MUD PLUG PLACED IN PORTABLE PIT

(C: BETHPGRU VPB38R2.AA1) VPB-38-R2



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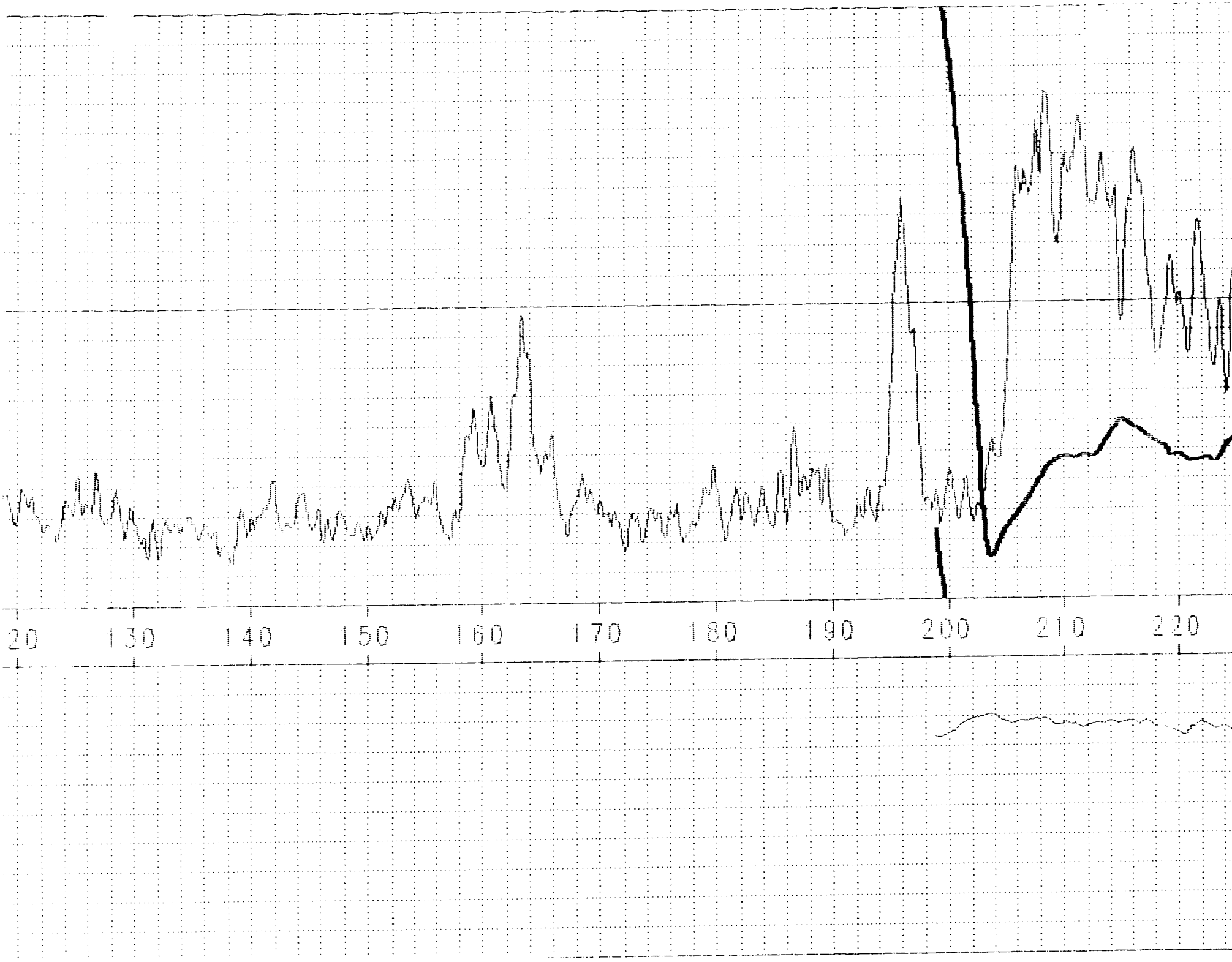
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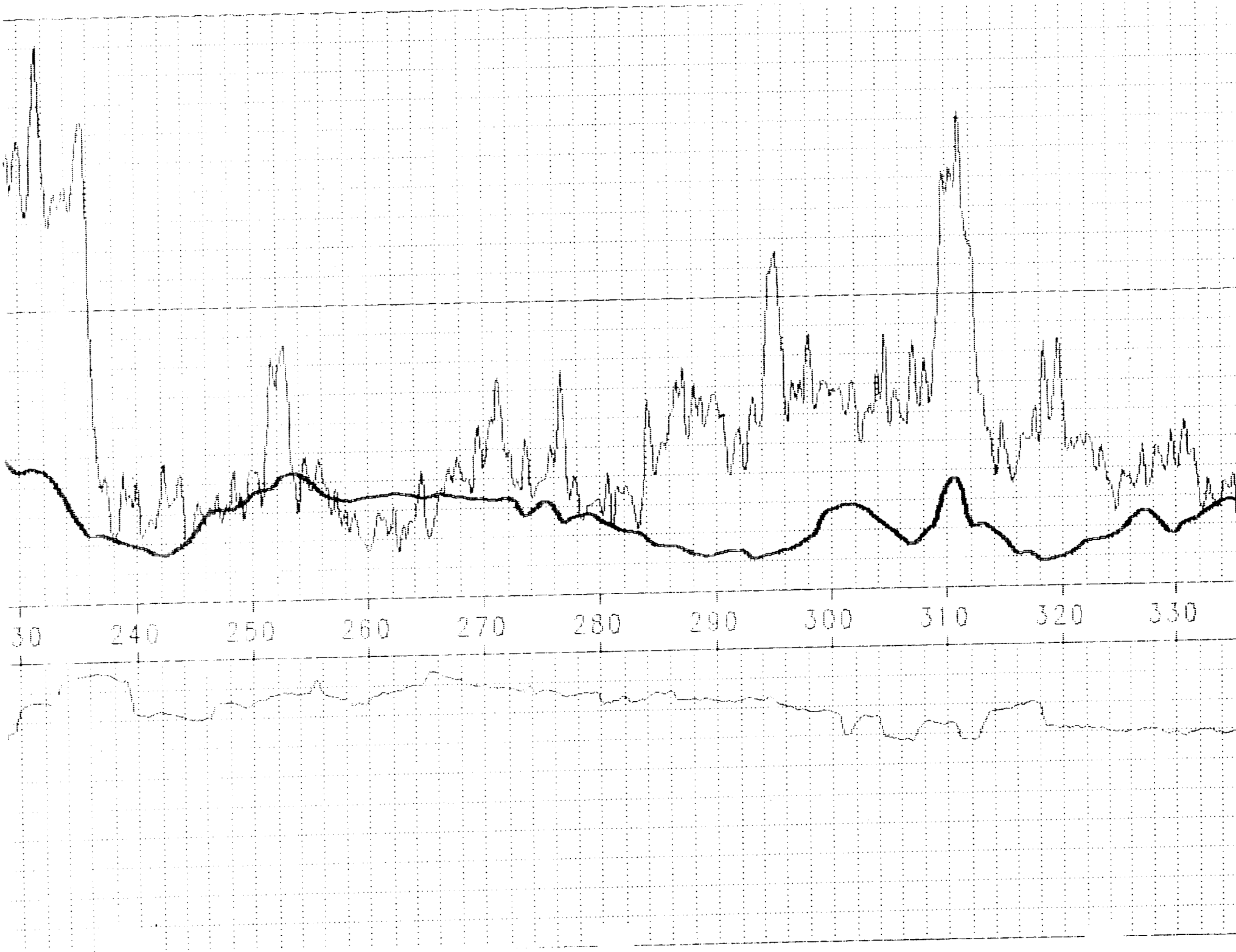
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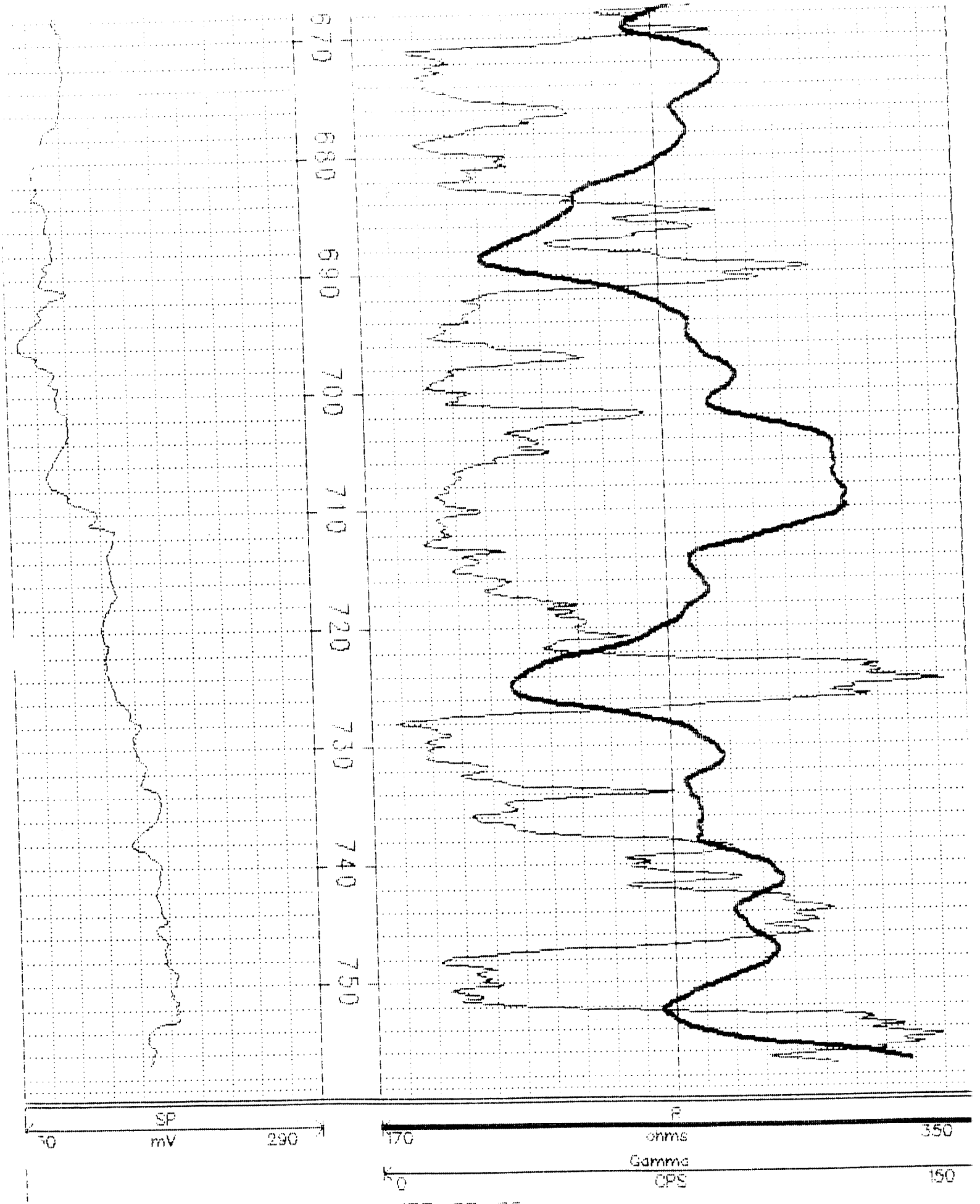
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ohms
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Gamma
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CPS
150
(C: BETHPGRU VP838R2.AA1)
VPB-38-R2

COC No:
BP-VPB-011

CHAIN OF CUSTODY RECORD

PROJECT NO.: NPSGS # 0200

SITE NAME: NWIRP Bethpage - CTO 0208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs SW846 8260B (40 ml glass vial)			Temperature (40 ml glass vial)			REMARKS
1	07/20/00	0710		X	TB-072000	2	2						
2	07/20/00	1140		X	BP-VPB-38-053054	2	2						
3	07/20/00	1522		X	BP-VPB-38-101102	2	2						
4	07/20/00	0000		X	BP-VPB-38-065066	2	2						
5	07/20/00	1648		X	BP-VPB-38-151152	2	2						
					Temperature Blank	1				1			
													48-Hour turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	07/20/00 1900				
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 FED EX AIRBILL #: 810817875879	

COC No.:
BP-VPB-012

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565 * 0200

SITE NAME: NWIRP Bethpage - CAP 0205

SAMPLERS (SIGNATURE):

SAMPLE NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs SW846 8260B (40 ml glass vial)			Temperature (40 ml glass vial)				REMARKS
1	07/24/00	0835		X	TB-072400	2	2							
2	07/24/00	1530		X	BP-VPB-38-221222	2	2							
3	07/25/00	0914		X	BP-VPB-38-243244	2	2							
4	07/25/00	1025		X	BP-VPB-38-252253	2	2							
5	07/25/00	1130		X	BP-VPB-38-263264	2	2							
6	07/25/00	1239		X	BP-VPB-38-273274	2	2							
7	07/25/00	1331		X	BP-VPB-38-283284	2	2							
					Temperature Blank	1				1				
														48-HR TURNAROUND TIME ON ALL SAMPLES

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	07/26/00 1355				
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: LAB COURIER PICKED UP SAMPLES AT DRILLING LOCATION	

COC No:
BP-VPB-013

CHAIN OF CUSTODY RECORD

[illegible] NO.:	SITE NAME:
[illegible]65.0200	NWIRP Bethpage - CTO 0206

[illegible]ERS (SIGNATURE): [signature]

[illegible]	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs SW846 8260B (40 ml glass vial)			Temperature (40 ml glass vial)			REMARKS
	07/25/00	0720		X	TB-072500	2	2						
	07/25/00	1438		X	BP-VPB-38-293294	2	2						
	07/25/00	0000		X	BP-VPB-38-295296	2	2						
	07/25/00	1542		X	BP-VPB-38-302303	2	2						
	07/25/00	1648		X	BP-VPB-38-312313	2	2						
	07/24/00	0940		X	RB-072400	2	2						collected on 07-24-00 *
	07/24/00	0955		X	BP-VPB-38-DM-150	2	2						collected on 07-24-00 *
					Temperature Blank	1				1			
													48-HR turnaround time on all samples

[illegible]SHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	072600 1445				
[illegible]ED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[illegible]Y (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: S. Pelepko drops off samples at laboratory.	

COC No.: BP-VPB-014

CHAIN OF CUSTODY RECORD

PROJECT NO.: M565.0200

SITE NAME: NWIRP Bethpage - CTU 02058

SAMPLERS (SIGNATURE): [signature]

SAMPLE NUMBER	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs Sweetie Bagged (40 ml glass vial)			Temperature (Glass vial)			REMARKS
1	07/27/00	0710		X	TB-072700	2	2						
2	07/27/00	1128		X	BP-VPB-38-323324	2	2						
3	07/27/00	1240		X	BP-VPB-38-331332	2	2						
4	07/27/00	1348		X	BP VPB-38-343344	2	2						
5	07/27/00	1416		X	BP-VPB-38-354355	2	2						
6	07/27/00	0745		X	BP-VPB-38-DUP-310	2	2						
7	07/27/00	1015		X	RB-072700	2	2						
8	07/27/00	1024		X	FB-072700	2	2						
					Temperature Blank	1				1			
													48-HR turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: LAB COURIER PICKED UP SAMPLES AT SITE.	

COC No:
BP-VPB-015

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0665.0200

SITE NAME: NWIRP Bethpage-[illegible]

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (Sulfuric Acid) 40 ml glass vial			Temperature 40 ml glass vial			REMARKS
1	07/31/00	0833		X	TB-073100	2	2						
2	07/31/00	1147		X	BP-VPB-38-381382	2	2						
3	07/31/00	1412		X	BP-VPB-38-391392	2	2						
4	07/31/00	1518		X	BP-VPB-38-401402	2	2						
					Temperature Blank	1				1			
													48-HR Turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	[illegible]				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: LAB COURIER PICKED UP SAMPLES AT DRILLING LOCATION.	

COC No.:
BP-VPB-016

CHAIN OF CUSTODY RECORD

PROJECT NO.: 65.0200

SITE NAME: NWIRP Bethpage, CTO 0200

SAMPLERS (SIGNATURE):

SAMPLE NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (Contents filled to the top and Sphere vial)			Temperature (40 ml Sphere vial)			REMARKS
	07/31/00	0735		X	TB-080100	2	2						
	07/31/00	1350		X	BP-VPB-38-431432	2	2						
	07/31/00	1710		X	BP-VPB-38-451452	2	2						
	07/31/00	0955		X	RB-073100	2	2						Collected 07-31-00 *
	07/31/00	0959		X	BP-VPB-38-DM-380	2	2						Collected 07-31-00 *
	07/31/00	0930		X	BP-VPB-38-456459	2	2						
	07/31/00	0915		X	BP-VPB-38-461462	2	2						
	07/31/00	1110		X	BP-VPB-38-471472	2	2						
	07/31/00	1409		X	BP-VPB-38-492493	2	2						
					Temperature Blank	1				1			
													48-HR turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	07/31/00 1334				

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:
				LAB COURIER PICKED UP SAMPLES AT DRILLING LOCATION

COC No.:
BP-VPB-017

CHAIN OF CUSTODY RECORD

PROJECT NO.:	SITE NAME:
[illegible]65.0200	NWIRP Bethpage - CTO 0208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (SW846 8260B) 40 ml glass vial			Temperature Blank			REMARKS
1	08/02/00	0752		X	BP-VPB-38-DM-460	2	2						
2	08/02/00	0951		X	RB-080200	2	2						
3	08/03/00	0800		X	TB-080300	2	2						
4	08/03/00	1750		X	BP-VPB-38-S11S12	2	2						
					Temperature Blank	1				1			
													48-HR Turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	[illegible] 1750				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: LAB COURIER PICKED UP SAMPLES AT SECURITY OFFICE.	

COC. No.:
BP-VPB-018

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565.0200

SITE NAME: NWIRP Bethpage - C700208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (SW8440 8260B) 40ml glass vial			Temperature 40ml glass vial			REMARKS
1	08/07/00	0855		X	TB-080700	2	2						
~~2~~	~~08/07/00~~	~~1010~~		X	~~RB-080700~~	~~2~~	~~2~~						
~~3~~	~~08/07/00~~	~~1030~~		X	~~BP-VPB-38-DM-530~~	~~2~~	~~2~~						
~~4~~ 2	08/07/00	1225		X	BP-VPB-38-533534	2	2						
					Temperature Blank	1				1			
													48-HR Turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	08/07/00 1015				
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: LABCOURIER PICKED UP SAMPLE BOTTLEWARE AT SECURITY OFFICE	

CHAIN OF CUSTODY RECORD

C C#
BP- VPB-C01

PROJECT NO.:	SITE NAME:
CTO-0208/ [illegible]	[illegible]

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOC [illegible]						REMARKS
1	[illegible]	[illegible]		X	TB-C81/C0	2	X						
2	[illegible]	[illegible]		X	BP-VPB-[illegible]	2	X						
3	[illegible]	1130		X	BP-VPB-[illegible]	2	X						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	[illegible] 1145				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

COC#
BP-VPB-0020

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): (Vince Shickora)

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	HCl VOCs						REMARKS
	8/31/02	1440		X	BP-VPB-38R2-571572	2	2						
	8/31/02	1720		X	BP-VPB-38R2-621622	1	1						
	8/30/02	0900		X	(Trip Blank) TB-082100	2	2						(Lab prepared)
	8/31/02	1150		X	BP-VPB-38R2-DM-670	2	2						
	8/30/02	1305		X	BP-VPB-38R2-672673	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	9-22-02 / 1430				
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	

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203227.01 07/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/20/00 RECEIVED:07/20/00

SAMPLE: Water sample, TB-072000

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

LAB NO:203227.02 07/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/20/00 RECEIVED:07/20/00

SAMPLE: Water sample, BP-VPB-38-053054, 1140

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	13
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	2
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	17
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

LAB NO:203227.03 07/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/20/00 RECEIVED:07/20/00

SAMPLE: Water sample, BP-VPB-38-101102, 1522

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	13
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	4
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	15
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	2
Styrene	ug/L	<1
o Xylene	ug/L	4
m + p Xylene	ug/L	12
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

LAB NO:203227.04 07/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/20/00 RECEIVED:07/20/00

SAMPLE: Water sample, BP-VPB-38-065066, 0000

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	2
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	16
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	4
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	3
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:203227.05 07/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/20/00 RECEIVED:07/20/00

SAMPLE: Water sample, BP-VPB-38-151152, 1648

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	2
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:203277.01 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/24/00 RECEIVED:7/25/00

SAMPLE: Water sample, TB-07240, 0835

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= 19205 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.02 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/24/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-221222, 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*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.03 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-243244, 0914

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	13
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	1.6
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	6.7
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	160

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.04 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-252253, 1025

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	3.4
1,1 Dichloroethane	ug/L	1.8
1,2 Dichloroethene	ug/L	3.1
Chloroform	ug/L	2.2
1,2 Dichloroethane	ug/L	2.5
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	2.8
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	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	2.2
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	3400

cc:

REMARKS: Amended Report.

DIRECTOR

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.05 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-263264, 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	3
1,1 Dichloroethane	ug/L	1
1,2 Dichloroethene	ug/L	10
Chloroform	ug/L	6
1,2 Dichloroethane	ug/L	8
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	2
Carbon Tetrachloride	ug/L	4
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

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	2300

cc:

REMARKS:

DIRECTOR

rp= 19209 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.06 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-273274, 1239

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	5.9
Chloroform	ug/L	6.2
1,2 Dichloroethane	ug/L	15
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	3.5
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	1.8
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	<[illegible]
c-1,3Dichloropropene	ug/L	<[illegible]
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	2400

cc:

REMARKS: Amended Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203277.07 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:7/25/00

SAMPLE: Water sample, BP-VPB-38-283284, 1331

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	11
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	1.9
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	5.6
Chloroform	ug/L	5.6
1,2 Dichloroethane	ug/L	7.8
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	1.3
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	3.1
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	2.3
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	2200

cc:

REMARKS: Amended Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.01 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, TB-072500, 0720

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 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.02 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-293294, 1438

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	3.6	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	1.1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	6.5	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	4.5	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	8	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	2.5	Trichloroethene	ug/L	1100
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	1.5			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	2.7			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Amended Report.

DIRECTOR

rp= 19438 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.03 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-295296, 0000

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	3.3
1,1 Dichloroethane	ug/L	1
1,2 Dichloroethene	ug/L	6.2
Chloroform	ug/L	4.3
1,2 Dichloroethane	ug/L	7.5
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	2.5
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	1.5
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	2.5
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	1100

cc:

REMARKS: Amended Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.04 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-302303, 1542

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	1.7
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	3.3
Chloroform	ug/L	1.9
1,2 Dichloroethane	ug/L	3.8
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	1.3
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	610

cc:

REMARKS: Amended Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.05 08/02/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/25/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-312313, 1648

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	2.1
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	2
Chloroform	ug/L	1.9
1,2 Dichloroethane	ug/L	2.7
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	2.8
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: Amended Report.

DIRECTOR

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.06 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/24/00 RECEIVED:07/26/00

SAMPLE: Water sample, RB-072400, 0940

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 • (516) 422-5777 • FAX (516) 422-5770

LAB NO:203313.07 08/01/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/24/00 RECEIVED:07/26/00

SAMPLE: Water sample, BP-VPB-38-DM-150, 0955

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	2.7
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	2.7
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

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203372.01 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, TB-072700, 0710

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= 19820 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203372.02 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-323324, 1128

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	1.5	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	3.4	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	2	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	3.2	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	1.3	Trichloroethene	ug/L	580
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= 19821 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203372.03 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-331332, 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	4.6
1,1 Dichloroethane	ug/L	3.3
1,2 Dichloroethene	ug/L	1.4
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	4.4
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	1.9
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	990

cc:

REMARKS:

DIRECTOR

rn= 19822 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203372.04 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-343344, 1348

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	6.8	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	2.6	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	1.6	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	5.8	Trichloroethene	ug/L	710
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	2.2			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rp= 19823 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203372.05 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-354355, 1616

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	2.8
1,1 Dichloroethane	ug/L	1.5
1,2 Dichloroethene	ug/L	1.4
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	2.3
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

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	1300

cc:

REMARKS:

DIRECTOR

rn= 19824 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203372.06 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, BP-VPB-38-DM-310, 0745

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	32

cc:

REMARKS:

DIRECTOR

rp= 19825 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203372.07 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, RB-072700, 1005

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
hloroform	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= 19826 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203372.08 08/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/27/00 RECEIVED:07/28/00

SAMPLE: Water sample, FB-072700, 1024

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= 19827 NYSDOH ID# 10320

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:203417.02 08/03/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/01/00

SAMPLE: Water sample, BP-VPB-38-381382, 1147

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	3
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	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	500

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:203417.03 08/03/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP. Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/01/00

SAMPLE: Water sample, BP-VPB-38-391392, 1412

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	<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	560

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:203417.04 08/03/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site. #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/01/00

SAMPLE: Water sample, BP-VPB-38-401402. 1548

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	<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	580

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203485.01 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/01/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-431432, 1350

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= 20658 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203485.02 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/01/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-451452, 1710

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	2
1,2 Dichloroethane	ug/L	3
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	3
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	860

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203485.03 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/03/00

SAMPLE: Water sample, RB-073100, 0955

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= 20660 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203485.04 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:07/31/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-DM-380, 0859

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*

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

LAB NO:203485.05 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/01/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-458459, 0000

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	2
1,2 Dichloroethane	ug/L	3
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	850

cc:

REMARKS:

DIRECTOR

rn= 20662 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203485.06 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-461462, 0935

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	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

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	560

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203485.07 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-471472, 1118

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	<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	520

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203485.08 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/03/00

SAMPLE: Water sample, BP-VPB-38-492493, 1449

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	2
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	120

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203485.09 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/01/00 RECEIVED:08/03/00

SAMPLE: Water sample, TB-080100, 0735

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= 20657 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203498.01 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/04/00

SAMPLE: Water sample, BP-VPB-38-DM-460, 0752

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	7
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	30

cc:

REMARKS:

DIRECTOR

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203498.02 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/04/00

SAMPLE: Water sample, RB-080200, 0951

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= 20818 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203498.03 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/03/00 RECEIVED:08/04/00

SAMPLE: Water sample, TB-080300, 0800

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

LAB NO:203498.04 08/09/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/03/00 RECEIVED:08/04/00

SAMPLE: Water sample, BP-VPB-38-511512, 1750

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

rn= 20820 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203582.01 08/15/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/07/00 RECEIVED:08/09/00

SAMPLE: Water sample, BP-VPB-38-533534, 1225

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

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203582.02 08/15/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/07/00 RECEIVED:08/09/00

SAMPLE: Water sample, TB-080700, 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	<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= 21531 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203755.01 08/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/17/00 RECEIVED:08/18/00

SAMPLE: Water sample, TB-081700, 1200

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

LAB NO:203755.02 08/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/17/00 RECEIVED:08/18/00

SAMPLE: Water sample, BP-VPB-38R2-541542, 1405

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	12

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203755.03 08/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/17/00 RECEIVED:08/18/00

SAMPLE: Water sample, BP-VPB-38R2-561562, 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*

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

LAB NO:203810.01 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/21/00 RECEIVED:08/22/00

SAMPLE: Water sample, BP-VPB-38R2-571572, 1440

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	<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	4

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:203810.02 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/21/00 RECEIVED:08/22/00

SAMPLE: Water sample, BP-VPB-38R2-621622, 1720

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	<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

LAB NO:203810.03 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/15/00 RECEIVED:08/22/00

SAMPLE: Water sample, Trip Blank

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

LAB NO:203810.04 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/22/00 RECEIVED:08/22/00

SAMPLE: Water sample, BP-VPB-38R2-DM-670, 1150

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	21
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

LAB NO:203810.05 08/28/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:08/22/00 RECEIVED:08/22/00

SAMPLE: Water sample, BP-VPB-38R2-672673, 1305

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= 23208 NYSDOH ID# 10320

VPB-76

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP - BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNI-TECH
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 9/14/00
GEOLOGIST: SCOTT NEIL
DRILLER: JIM 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	Remarks	PID Reading (ppm) Sample	Sampler BZ	Borehole	Driller BZ	USCS*
1605	10					BRN/ OR/ WH	MED - COARSE GRAINED SAND/ PEA SIZED GRAVEL		BG	BG	BG	BG	GP
1614	20						SAME AS ABOVE		BG	BG	BG	BG	GP
1628	30					BRN/ OR/ WH	MED-COARSE GRAINED SANDY GRAVEL		0	0	0	0	GP
1640	40					BRN/ OR/ WH	MED. SIZED GRAVEL, SOME COARSE SAND		0	0	0	0	GP
	50						SAME AS ABOVE		0	0	0	0	GP

* When rock coring, enter rock brokeness.

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

Remarks: 8" drag bit

Drilling Area Background (ppm): 0.7

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP - BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNI-TECH
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB - 76
DATE: 9/15/00, 9/18/00
GEOLOGIST: SCOTT NEIL (9/15/00) R.G. (9/18/00)
DRILLER: JIM 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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
S-1 @	50	100 OVER	3			RED/	MED - COARSE SAND, SOME SMALL		*	*	*	*	GP
1017	52	2"	24			BRN	gravel - med gravel, trace silt						
	60												
HP-1 @	50						NO RECOVERY - LARGE GRAVEL		*	*	*	*	
1052	51						IMPEDES HP ADVANCEMENT						
1109	60					RED/	MED GRAINED RED SAND, TRACE						N
						BRN	Clay, TRACE v. small gravel.						
9/15	70												
9/18 S-2 @		40/53				RED-BRN	MED GRAINED SAND, TRACE FGR & CGR SAND, NUM RND QTZ PEBBLES,	71.5'-72.5'	3	0	0	0	SW
1130	72	100	5"/17"				1/4" TO >2" DIAM.	HP-2 @ 1140, OPEN @ 1145, RETRIEVED @ 1235, SAMPLE BP VPB-76-072073 @ 1240					GP
1314	80					RED-BRN	MGR SAND, SMALL QTZ & OTHR ROCK PEBBLES, NUMEROUS		-	0	0	0	SW
													GP
													GP
1316	90					RED-BRN	MGR SAND & GRAVEL, NUM RND PEBBLES QTZ & OTHR ROCK TYPES		-	0	0	0	SW

* When rock coring, enter rock brokeness.

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

Remarks: * PID not functioning properly at calibration → no PID screening.

Drilling Area Background (ppm): E

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP - BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UTD
DRILLING RIG: FAILING 1500
BORING NUMBER: VPB - 76
DATE: 9/18/00
GEOLOGIST: R. GOOD
DRILLER: JIM 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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
	90												
						RED-BRN	MGR SAND & GRAVEL; SMALL RND PEBBLES OF QTZ & OTHER ROCK TYPES.						SW/GP
1327	100												
S-3 @		11/24				RED-BRN	4" WL. SAT, MGR SAND W/ THIN (~½") CLAYEY SAND LAYER, 3" SANDY		0	0	0	0	SW/GP
9/18 1350	102	43/54	7"/24"			& BRN	GRAVEL, ¼"-¾" RND PEBBLES	102'-103'					
9/19								HP-3 OPEN @ 1355, RETREIVE @ 1440, NO RECOVERY					
								103'-104'					
0928	110							HP-4, OPEN @ 1508 RETRIEVE @ 1610					
						RED-BRN	MGR SAND, SOME CLAYEY SAND, SOME CGR SAND TO FINE GRAVEL		-	0	0	0	
0939	120												
						RED-BRN & BRN	MGR TO CGR SAND, SOME CLAYEY SAND, SOME FINE GRAVEL		-	0	0	0	
0942	130												
						RED-BRN & BRN	- AS ABOVE		-	0	0	0	
	140												

* When rock coring, enter rock brokeness.

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

Remarks: 8" DRAG BIT W/ 10' STABILIZER-REAMER

Drilling Area Background (ppm): 0.0 PP

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UTD
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 9/15/00
GEOLOGIST: R. Good
DRILLER: Jim 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	Remarks	PID Reading (ppm): Sample	[illegible]	[illegible]	[illegible]	USCS *
0957	140					BRN-TAN	MGR-CGR SAND, SOME FGR SAND & FINE GRAVEL		–	0	0	0	
0959	150												
S-4 @ 1025	152	29/38 46/40	10"/24"			LT-MED GRAY	VFGR-FGR SAND, WELL SORTED, POSS TRACE SILT OR CLAY IN SOME LAYERS	153-154 HP-5 OPEN @ 1034 RETRIEVE @ 1114 SAMPLES BP-VPB-76-153154 AND BP-VPB-76-170171	0	0	0	0	
1152	160												
						LT-MED GRAY	– SAND AS ABOVE –		–	0	0	0	
1154	170												
1208						LT-MED GRAY	– SAND AS ABOVE –		–	0	0	0	
1210	180												
						LT-MED GRAY	– AS ABOVE – POSS SOME CGR SAND & TRACE CLAY		–	0	0	0	
1212	190												

* 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): 6 ppm

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0576
DRILLING COMPANY: UTD
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 9/19/00, 9/20/00
GEOLOGIST: R. GOOD
DRILLER: JIM 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	Remarks	PID Reading (ppm) Sample	Bkgd	Drilling Area	Drilling Equip.	USCS*
1212	190												
1246						LT-MED GRAY	VFGR-FGR SAND, SOME CGR SAND TRACE CLAY	CONDITION & DE-SAND DRILLING MUD	–	0	0	0	
1248	200												
S-5 @		31/63				LT. GRAY	INTERBEDDED SOFT GRAY CLAY; FGR, WELL SORTED SAND; STIFF GRAY CLAY &	201.5-202.5	0	0	0	0	
1310	201.5	100	6"/11"				SANDY CLAY. SOME RUSTY STAINING IN SANDY LAYERS	HP-6 OPEN @ 1322 RETRIEVE @ 1425					
								SAMPLE BP-VPB-76-202203 @ 1430					
	210												
S-6 @	211	43/100	10"/12"			MED-BRN	WELL SORTED FGR-MGR SAND, SOME FE-OXIDE STAINING, TRACE SILT &	211-212	*	*	*	*	
9/19 1500						SM. GRAY	CLAY	HP-7 OPEN @ 1535 RETRIEVE @ 1622					
9/20								SAMPLE BP-VPB-76-211212 @ 1625					
	220												
S-7 @		30/34				LT-GRAY &	WELL SORTED FGR SAND, TRACE TO SOME VFGR SAND & SILT, SOME FE-OXIDE	222-223	0	0	0	0	
0952	222	63/72	16"/24"			BRN	STAINING	HP-8 OPEN @ 1002 RETRIEVE @ 1049					
								SAMPLE BP-VPB-76-222223 @ 1055					
	230												
S-8 @		16/23				LT GRAY & BRN	WELL SORTED FGR SAND, TRACE TO SOME VFGR SAND & SILT, SOME THIN SOFT GRAY		0	0	0	0	
1515	232	31/34	10"/24"				CLAY BDS, SOME FE-OXIDE STAINING	232-233					
								HP-9 OPEN @ 1523 RETRIEVE @ 1607					
								SAMPLE BP-VPB-76-232233 @ 1610					
	240												

* When rock coring, enter rock brokeness.

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

Remarks: 8" DRAG BIT w/ 10' REAMER-STABILIZER TO 220'. 6" DRAG BIT 220'-240'

Drilling Area Background (ppm): 0.0 ppm

* PID NOT WORKING IN BKGD

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: NO565
DRILLING COMPANY: UNITECH DRILLING
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 7/20/00, 9/21/00
GEOLOGIST: R. Good
DRILLER: Jim 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	Remarks	PID Reading (ppm): Sample	Sampler B2	Borehole**	Driller B2**	USCS*
	240												
S-9 @		26/33				LT. GRAY BRN	1" SOFT GRAY CLAY 3" CLAYEY FGR-MGR SAND, FE-OXIDE STAINED	242-243	0	0	0	0	
9/20 1633	242	47/63	20"/24"			DK GRAY-BRN	16" FIRM CLAY OR SILTY CLAY w/ NUM. VERY THIN VFGR-FGR SAND LAYERS & TRACE	HP-10 OPEN @ 1642 RETRIEVE @ 1726					
9/21							ROCK FRAGMENTS	NO MEASUREABLE RECOVERY					
	250												
S-10 @		37/65				DK GRAYISH BRN	FIRM, DENSE CLAY OR SILTY CLAY w/ NUM VERY THIN VFGR SAND LAYERS	NO HYDROPUNCH	0	0	0	0	
1021	251.5	100	15"/17"					SAMPLE ATTEMPTED					
	257						OUT OF CLAY @ 257' BASED ON DRILLING CHARACTERISTICS						
	260												
S-11 @		25/60				MED-GRAY	FGR-MGR SAND, FAIRLY WELL SORTED, FEW THIN CLAYEY SAND LAYERS, FEW	262-263	0	0	0	0	
1052	262	67/73	9"/24"				V. THIN BLK ORGANIC-RICH LAYERS	HP-11 OPEN @ 1103 RETRIEVE @ 1150					
								SAMPLE BP-VPB-76 -262263 @ 1154					
	270												
S-12 @	271	23/100	8"/10"			MED-GRAY-DK GRAY	INTERBEDDED SOFT GRAY CLAY, WELL SORTED FGR SAND & DK GRAY TO BLK	271-272	0	0	0	0	
1216							CLAYEY FGR SAND w/ PLANT MAT'L & WEATHERED ROCK FRAGMENTS	HP-12 OPEN @ 1227 RETRIEVE @ 1325					
							CLAY DRILLING CHARACTERISTICS 272.5' TO 275'	SAMPLE BP-VPB-76 - 271272 @ 1332					
	280												
S-13 @	281	41/100	8"/9"			MED-GRAY	FGR-MGR, WELL SORTED SAND w/ 3/4" DK-GRAY, STIFF CLAY LAYER & WEATHERED	281-282	0	0	0	0	
1355							VFGR PYRITIC ROCK FRAGMENT	HP-13 OPEN @ 1403 RETRIEVE @ 1504					
								SAMPLE BP-VPB-76 -281282 @ 1510					
	290												

* When rock coring, enter rock brokeness.

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

Remarks: 6" DRAG BIT 240' -

Drilling Area Background (ppm):

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNITECH DRILLING
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 9-21-00, 9-22-00, 9-25-00, 9-26-00
GEOLOGIST: R. GOOD 9-27-00
DRILLER: JIM 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	Remarks	PID Reading (ppm) Sample	Sampler BZ	Borehole*	Driller BZ**	USCS
		290												
	S-14 @	291	23/100	6"/10"			ORANGE-BRN	FGR-MGR, WELL SORTED SAND + TRACE SILT	291-292	0	0	0	0	
9/21	1544								HP-14 OPEN @ 1555 RETRIEVE @ 1654					
9/22									SAMPLE BP-VPB-76-291292					
9/22		300												
9/25	S-15 @		8/19				BRN & SOME	POORLY SORTED, SILTY, CLAYEY, FGR-MGR SAND W/ SOME WEATHERED ROCK PIECES,	302-303	0	0	0	0	
	1348	302	20/19	4"/24"			GRAY	FEW THIN CLAYEY BEDS. TRACES OF BLK DECAYED ORGANIC MAT'L	HP-15 OPEN @ 1408 RETRIEVE @ 1508					
									SAMPLE BP-VPB-76-302 303					
		310												
	S-16 @	311	38/50				BRN, ORANGE	FGR-MGR SAND W/ POSS. TRACE SILT & BLK DECAYED PLANT MAT'L	311-312	0	0	0	0	
9/25	1601			5"/9"			& GRAY		HP-16 OPEN @ 1613 RETRIEVE @ 1704					
9/26									NO RECOVERY					
		320												
	S-17 @	321	57/100	5"/8"			GRAY, ORANGE	WELL SORTED, MGR SAND W/ TRACE SILT	321-322	0	0	0	0	
	1007						-BRN		HP-17 OPEN @ 1026 RETRIEVE @ 1146					
									NO RECOVERY					
		330												
9/26	S-18 @	330.5	73/100	3"/7"			GRAY	WELL SORTED, MGR SAND + POSS. TRACE SILT.	330-331	0	0	0	0	
9/27	1221 S-19 @	330							HP-18 OPEN @ 1236 RETRIEVE @ 1354					
	0900	331	10/200	4"/12"			GRAY	SAME AS ABOVE (S-18)	NO RECOVERY 331-332					
								436'-458' SOFTER W/ BLACK ORGANIC	HP-19 OPEN @ 0915 RETRIEVE @ 1021					
		340						MAT'L ("PRE-LIGNITE")	SAMPLE BP-VPB-76-331332					

* 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 ppm

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNI-TECH DRILLING
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 9-27-00, 9-28-00
GEOLOGIST: R. GOOD
DRILLER: JIM 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	Remarks	PID Reading (ppm) Sample	Sampler BZ	Borehole*	Driller BZ**	USCS
	340												
S-20 @		36/87				GRAY	WELL SORTED, FGR SAND, SOME MICA, POSS TRACE SILT	342-343	0	0	0	0	
1055	342	52/34	8"/24"					HP-20 OPEN @ 1106 RETRIEVE @ 1210					
								SAMPLE BP-VPB-76 - 342343 @ 1215					
	350												
S-21 @	351	52/100	5"/5"			GRAY	WELL SORTED, FGR-MGR SAND, POSS TRACE SILT	351-352	0	0	0	0	
1234								HP-21 OPEN @ 1245 RETRIEVE @ 1347					
								NO RECOVERY					
	360												
S-22 @		15/45				GRAY	INTERBEDDED SOFT GRAY CLAY; WELL SORTED MGR SAND; THIN BLACK WOOD OR	362-363	0	0	0	0	
1430	362	46/83	11"/24"				ORGANIC LAYER; GRAY & ORANGE SILTY, CLAYEY FGR SAND	HP-22 OPEN @ 1442 RETRIEVE @ 1546					
							POSS CLAY SEAM ~362' TO 363'	SAMPLE BP-VPB-76 - 362363 @ 1550					
							DENSE CLAY 366' to 368'						
	370												
9/27 S-23 @	371	33/100	4"/5"			GRAY	WELL SORTED MGR SAND	371-372	0	0	0	0	
9/28 1616								HP-23 OPEN @ 1630 RETRIEVE @ 1733					
								SAMPLE BP-VPB-76 371372 @ 1740					
	380												
S-24 @	381	23/76				GRAY	1" SOFT CLAY; 3" WELL SORTED FGR SAND; & 1" DK BRN TO BLK WOOD OR OTHER	381-382	0	0	0	0	
0900		100/	8"/15"				PLANT MAT'L; ≥ 3" GRAY, WELL SORTED FGR SAND	HP-24 OPEN @ 0917 RETRIEVE @ 1009					
								SAMPLE BP-VPB-76 - 381382 @ 1015					
							383' - 390' DRILLED LIKE STIFF CLAY						
	390												

* 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): Am

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NAWIRP BETHPAGE
PROJECT NUMBER: NUS65
DRILLING COMPANY: UNI-TECH DRILLING
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 9-28-00, 9-29-00
GEOLOGIST: R. GOOD
DRILLER: JIM 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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
	390												
S-25 @	391	33/100	9"/9"			GRAY	STIFF CLAY, SILTY CLAY & SANDY CLAY W/	391-392	0	0	0	0	
1048							OCCASIONAL THIN CLAYEY VFGR-FGR SAND	HP-25 OPEN @ 1105					
							LAYERS & TRACE SMALL ROCK FRAGMENTS.	RETRIEVE @ 1220					
								NO RECOVERY					
							395'-400 DRILLED LIKE INTERBEDDED						
							SAND & CLAY						
	400												
S-26 @	401	30/100	9"/9"			GRAY	STIFF CLAY & SANDY CLAY W/ NUMEROUS	401-402	0	0	0	0	
1247							THIN CLAYEY SAND & FGR SAND LAYERS	HP-26 OPEN @ 1304					
							LWR 1" IS WELL SORTED VFGR-FGR SAND	RETRIEVE @ 1354					
							W/ POSS TRACE SILT OR CLAY	SAMPLE BP-VPB-76-					
							400'-405' DRILLED PRIMARILY AS SAND	401401 @ 1358					
							405'-410' DRILLED AS INTERBEDDED CLAY						
	410						AND SAND						
S-27 @	411	45/100	12"/12"			GRAY	DENSE, STIFF CLAY & SILTY CLAY W/ TRACE	NO HYDROPUNCH	0	0	0	0	
1431							VFGR CLAYEY, SILTY SAND IN THIN LAYERS;	ATTEMPT					
							2" DK. BRN ORGANIC-RICH SILTY CLAY LAYER						
							410'-414' DRILLED AS CLAY						
							414'-420' DRILLED AS SAND						
	420												
S-28 @	421	23/100	5"/8"			GRAY	WELL SORTED, FGR, SAND, POSS. TRACE	421-422	0	0	0	0	
1457							SILT OR CLAY	HP-27 OPEN @ 1509					
9/28								RETRIEVE @ 1557					
9/29								NO SAMPLE (440ML)					
								HP-28 OPEN @ 1630					
								RETRIEVE @ 1752					
								NO SAMPLE					
	430												
S-24 @		45/100	3"/9"			GRAY		431-432	0	0	0	0	
1010								HP-28 OPEN @ 1017					
9/29								RETRIEVE @ 1117					
								SAMPLE BP-VPB-76-					
								431432 @ 1125					
	440												

* 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 ppm

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNI-TECH
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 10/2/00 - 10/3/00
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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	Remarks	PID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
S-30 @	441	9/100	3"			GRAY	Sandy clay; trace pea-size	HP-29 sampled	BG	BG	BG	BG	CL
1052	442	over 1	6"				gravel.	@ 1215;					
								BP-VPB-441442.					
	450												
S-31 @	451	27/100	9"			GRAY	Very dense clay; softer	No HP attempted	0	0	0	0	CL
1242	452	over 3	9"				in upper 2" portion	due to observed					
								lithology.					
	460												
S-32 @	461	27/100	10"			GRAY	Top 3" med/dense clay;	HP-30 sampled	0	0	0	0	CL/SM
1313	462	over 4	10"				Bottom 10" fine grained sand	@ 1428; BP-VPB-					
								461462					
	470												
S-33 @	471	31/100	3"			GRAY/	fine grained sand; trace	No recovery in	0	0	0	0	SP
10/2 1450	472	over 6	12"			BRN	silt; orange mott.	HP; clay stuck					
10/3								on drive point.					
								No 2nd attempt.					
	480												
S-34 @	481	61/100	4"			GRAY/	fine - med sand w/ interbedded	HP-31 sampled	0	0	0	0	SP
0941	482	over 2	8"			BRN	clay and lignite.	@ 0956;					
								BP-VPB-481482					
	490												

* When rock coring, enter rock brokeness.

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

Remarks: * PID background in AM of 10/2/00. 3 bags of Pure Gold Gel used on 10/2/00.

Drilling Area Background (ppm): [illegible]

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNI-TECH
DRILLING RIG: FAILING 1500
BORING NUMBER: VPB-76
DATE: 10/3/00 - 10/4/00
GEOLOGIST: S. NGIC
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
S-35 @	491	40/100	10"			GRAY	fine-med sand w/	HP-32 sampled @ 1140;	0	0	0	0	SC
1021	492	over 4	10"				interbedded clay (BRN) + lignite	BP-VPB-491492					
	500												
S-36 @	501	50/100	5"			BRN/	fine-med sand w/ interbedded	No recovery in HP; will try again.	0	0	0	0	SC
1203	502	over 6	6"			GRAY	clay + lignite.	No recovery in second attempt.					
	510												
S-37 @	511	70/100	5"			BRN/	fine-med sand w/ interbedded	No recovery in HP. Try again; HP-33	0	0	0	0	SC
1013 1014	512	over 3	9"			GRAY	clay.	sampled @ 1756; BP-VPB-511512 *					
	520												
S-38 @	521	41/100	4"			GRAY/	MED-course sand in bottom	No recovery in HP; No second attempt	0	0	0	0	SW/CL
0846	522	over 4	10"			BRN	3"; clay in upper 1".	was made due to formation - sand					
								clogging HP.					
	530												
S-39 @	531	32/100	10"			GRAY/	FINE-MED sand w/	HP-33 sampled @ 1155;	0	0	0	0	SW
1028	532	over 5	11"			BRN	interbedded clay	BP-VPB-76-531532					
	540												

* When rock coring, enter rock brokenness.

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

Remarks: * On second attempt at 511-512', used a 20-slot screen.

Drilling Area Background (ppm): 0.0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNI-TECH
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 10/4/00 - 10/5/00
GEOLOGIST: S. NGIL
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	Remarks	PID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**	USCS
S-40 @	541	35/100	9"			GRAY	Fine - med sand	HP-34 sampled @ 1338;	0	0	0	0	SP
1218	542	OVER 3	9"					BP-VPB-76-541542					
							3' of clay @ 543-546' PSL						
							DRILLING.						
	550												
S-41 @	551	46/86	11"			GRAY	Fine - med sand; trace	No recovery from first attempt -	0	0	0	0	SP
1014 1403	552	100/2	14"				interbedded clay; trace c. sand	HP-35 sampled @ 1646;					
1015								BP-VPB-76-551552					
	560												
S-42 @	561	53/100	7"			GRAY/	Fine - med sand; sandy	HP-36 sampled @ 1005;	0	0	0	0	SP/CL
0852	562	OVER 4	10"			BRN	clay in upper 1.5" of spoon	BP-VPB-76-561562					SP 1015/0
	570												
S-43 @	571	42/65	11"			BRN/	Top 4" is sandy clay; remainder	HP did not open on first attempt	BG	BG	BG	BG	CL/SP
1035	572	100/6	18"			GRAY	Fine - med sand, trace interbed	HP-37 sampled @ 1311;					
							clay; trace black sand	BP-VPB-572573					
	580												
S-44 @	581	31/63	19"			GRAY/	Top 4" is sandy clay;	No recovery on first HP.	0	0	0	0	CL/SP
1337	582	49/35	24"			BRN	Remainder fine - med sand	No recovery on second HP!					
							w/ orange mot.						
	590												

* When rock coring, enter rock brokeness.

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

Remarks: Duplicate sample of BP-VPB-76-551552 has the sample designation of BP-VPB-76-551555 w/ 0000 as the time.

Drilling Area Backgrpund (ppm): 2

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWILP BETHPAGE
PROJECT NUMBER: N0365
DRILLING COMPANY: UNI-TECH
DRILLING RIG: TAILING 1500
BORING NUMBER: VPB-76
DATE: 10/5,6,9/00
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	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	Remarks	PID Reading (ppm) Sample	Sampler B.Z.*	Borehole**	Driller B.Z.*	USCS*
	S-45 @	591	45/100	7"			BRN/GRAY	Fine-med sand w/ trace	HP-38 sampled @ 1755;	BG	BG	BG	BG	SP
1015	1642	592	OVER/3	9"				interbedded clay	BP-VPB-76-591592					
1016														
								1' clay layer @ ≈ 596-597'						
		600												
	S-46 @	601	16/34	12"			GRAY/BRN	Fine-med sand w/ OR	HP-39 sampled @ 1043;	0	0	0	0	SM
	0987	602	100/5	17"				mottling, some silt, trace	BP-VPB-76-601602					
								interbedded clay.						
		610												
1019	S-47 @	611	34/100	8"			GRAY/OR	Fine-med sand, trace coarse	HP-40 sampled @ 1300;	0	0	0	0	SM
	1134	612	OVER/6	12"				sand, trace clay	BP-VPB-76-611612					
		620												
	S-48 @	621	22/24	17"			GRAY	Fine silty sand, trace OR	HP-41 sampled @ 1455;	0	0	0	0	SP
	1340	622	34/34	24"				mottling.	BP-VPB-76-622623					
		630												
	S-49 @	631	14/41	11"			GRAY	Same as above	HP-42 sampled @ 1648;	0	0	0	0	SP
	1528	632	100/5	17"					BP-VPB-76-631632					
		640												

* When rock coring, enter rock brokeness.

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

Remarks: Took duplicate of BP-VPB-76-591592: sample designation of this duplicate is BP-VPB-76-594595. Took duplicate of BP-VPB-76-631632: sample designation of this duplicate is BP-VPB-76-634635.

Drilling Area Background (ppm): 0.9

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP BETHPAGE
PROJECT NUMBER: N0565
DRILLING COMPANY: UNI-TECH
DRILLING RIG: FAILING 1500

BORING NUMBER: VPB-76
DATE: 10/10, 12/00
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
S-50 @	641	20/21	17"			GRAY	fine silty sand with trace	HP-43 sampled @ 1052;	0	0	0	0	SP
0930	642	36/41	24"				OR mottling	BP-VPB-76-642643					
	648							LOST CIRCULATION/HOLE COLLAPSED; PULL RODS					
10/10	650												
SN 10/12						LT GRAY	Sandy clay, some lignite	NO SPLIT SPOON OR HP TAKEN DUE TO FORMATION CONDITIONS @ 650'.	0	0	0	0	CL
	660												
S-51 @	661	20/25	21"			GRAY	silty fine sand, OR mot,	HP-44 sampled @ 1220;	0	0	0	0	SM
1055	662	60/100/5	23"				interbedded lignite veins, tr clay	BP-VPB-76-662663					
S-52 @	670	16/26	17"										
1306	671	100/5	17"				same as above	HP-45 sampled @ 1428;	0	0	0	0	~~SM~~ SN
	672							BP-VPB-672673					
	680												
S-53 @	681	25/53	14"			GRAY	silty fine-med sand, tr OR	HP-46 sampled @ 1623;	0	0	0	0	SM
1502	682	100/4	16"				mottling, trace clay	BP-VPB-76-682683					
	690												

* When rock coring, enter rock brokeness.

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

Remarks: NO SAMPLES TAKEN AT 650' DUE TO THE UNSTABLE NATURE OF THE FORMATION AT THAT INTERVAL.

Drilling Area Background (ppm): [ ]

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWERP Bath Page
PROJECT NUMBER: N0565
DRILLING COMPANY: Unitech
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-76
DATE: 10/13 - 10/16 - 10/17
GEOLOGIST: S. Neil - 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)			
10-13-00	S-54 @	691	17/35	7"			BRN	Med-course Sand, Trace fine gravel, Trace silt		No HP sample collected 2 attempts made	0	0	0	SM
	0916	692	100/3	15"										
		700												
10-16-00	S-55 @	701	27/51	4"			TN-GRY	FN to Med grain Sand with several rounded quartz		HP-47 sampled at 1300 hours	0	0	0	0
	1140	702	100/4	16"				Pebbles (orange mottling) (wet)		BP-VPB-76-701702				
								(Clay layer felt by driller at 707' to 709' BGS)						
		710												
	S-56 @	711	17/61	6"			TN-GRY	FN to Med. grain Silty Sand with some rounded quartz		HP-48 sampled at 1505 hours	0	0	0	0
	1345	712	100/2	14"				Pebbles/gravel (wet)		BP-VPB-76-711712				
		720												
	S-57 @	721	21/57	6"			TN-GRY	FN to Med gr. Silty Sand with Trace clay and		No HP sample. 1st attempt dry. clay seen on drive point	0	0	0	0
	1545	722	100/4	16"				Several rounded quartz pebbles (wet)						
								(clay layer felt by driller From 724' to 726' BGS)						
		730												
10-17-00	S-58 @	731	34/100	3"			TN-GRY	FN-Med + Course grain Silty Sand with rounded quartz		No HP sample collected silt-clay seen on drive point of 1st sample attempt. (dry)	0	0	0	0
	0854	732	3	9"				pebbles + gravel (wet)						
								(Based on drilling → alternating Sand/clay layers between 732' and 736')						
		740												

* When rock coring, enter rock brokeness.

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

Remarks: 6 Bags of Pure Gold Gel Bentonite used on 10-16-00

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bath Page
PROJECT NUMBER: N0565
DRILLING COMPANY: Unitech
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-76
DATE: 10-17 / 10-18
GEOLOGIST: V. Shickola
DRILLER: J. Evens

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)			
10-17-00													
S-59 @	741	18/38	12"/			WHT LT.GRY	upper 3 inches - silty clay lower 9 inches - Fn to Med grain		HP-49 sampled at 1215 hours	0	0	0	0
1104	742	100/4"	16"				Silty sand (wet) (some quartz pebbles)		BP-VPB-76-741742				
	750												
S-60 @	751	21/44	7"/			ORG TO GRY	Fn. to Med grain Slightly Silty Sand - (one quartz gravel frag) (wet)		No HP Sample. 1st attempt was dry - some clay seen on drive point	0	0	0	0
1255	752	100/3	15"				(driller indicates all sand drilling from 750' to 760')						
	760												
S-61 @	761	27/100	4"/			DK GRY	upper 2 inches - silty clay lower 2 inches - Fn to Med grain Sand (Trace silt) (wet)		NO HP Sample. HP sampler was dry - dark gray clay seen on drive point	0	0	0	0
1505	762	4	10"				(Driller indicates clay layer from 762' to 765' based on drilling)						
	770				VPS	WHT LT.GRY							
10-18-00													
S-62 @	771	53/100	6"/			WHT LT.GRY	Fine grain Sand with Trace of silt and clay (wet)		HP-50 sampled at 1020 hours BP-VPB-76-771772	0	0	0	0
0858	772	3	9"				(Driller indicates all sand drilling from 770' to 780')						
	780												
S-63 @	781	27/32	11"/			WHT. LT.GRY	Fine to Med grain Sand with Trace of silt and clay (wet)		No HP Sample. HP Sampler was dry Sandy clay seen on drive point	0	0	0	0
1118	782	73/100/3	21"				(Driller indicates mostly clay drilling from 780' to 790')						
	790												

* When rock coring, enter rock brokeness.

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

Remarks: 3 bags Pure Gold Gel Bentonite used on 10-17-00

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Beth Page
PROJECT NUMBER: N0565
DRILLING COMPANY: Unitech
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-76
DATE: 10-18-00
GEOLOGIST: Vince Shickora
DRILLER: Jim 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)			
S-64 @	791	6 / 7	15" /			white lt. gray	Slightly silty clay with trace of sand		No HP attempted	0	0	0	0
1335	792	7 / 8	24"				(possible Raritan clay)		due to observed lithology.				
							(wet and soft-pliable)						
							(Driller indicates mostly						
	800						clay drilling 790' to 800')						
							- No split spoon attempted		- No HP attempted	—	—	—	—
							(Driller indicates likely						
							clay drilling 800' to 810')						
	810												
S-65 @	811	8 / 11	1" /			white gray	"wash" material - Sandy		- No HP attempted	-	-	-	-
1445	812	16 / 22	24"				Clay (No recovery)		clay seen on drive point of split spoon				
				EOB									

* When rock coring, enter rock broiseness.

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

Drilling Area Background (ppm): 0

Remarks: 3 Bags Pure Gold Gel Bentonite used on 10-18-00
- Sample of Drilling Mud collected at 790' interval (BP-DM-101800-790)

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

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-76-072073
Sample Location: VPB-76
Sampled By: R. Good
C.O.C. No.: VPB-0021
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME FOR FIELD PARAMETERS ... VERY MUDDY REDDISH-BROWN WATER

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 9-18-00								
Time: 1240								
Method: Hydropunch	RED-BRN	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	

PURGE DATA: -N.A.-

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date:								
Method:								
Monitor Reading (ppm): 0.0 ppm								
Well Casing Diameter & Material								
Type: -N.A.-								
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	(2x) 40 ml glass vials	2
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 72.5'
- Sample depth (screen interval) = 71.5'-72.5'
- Screen exposed to formation for 50 minutes.
- Depth of borehole prior to advancing hydropunch = 70' DRILLED, 71.5' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

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-76-103-104
Sample Location: VPB-76
Sampled By: R. Good
C.O.C. No.: VPB-0021
Type of Sample:
- [x] Low Concentration
- [ ] High Concentration

SAMPLING DATA:

Date: 9/18/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other SALINITY ~~NA~~
Time: 1615	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: Hydropunch	M-Dk Brn	6.84	.591	21.1	>1000	3.19	-NA-	0.029

PURGE DATA:

Date: -NA-	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: -NA-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -NA-								
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 (SW 846 8260B)	4°C	(2x) 40 ml glass vials	2

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 103.5'
- Sample depth (screen interval) = 103' - 103.5'
- Screen exposed to formation for 62 minutes.
- Depth of borehole prior to advancing hydropunch = 100' DRILLER, 102' SPUT-SPOON
- Sample bottleware filled directly from hydropunch.

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

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-76-153154
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: VPB-0021
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other Salinity ~~NA~~
Date: 9-19-00								
Time: 1125								
Method: Hydropunch	LT GRAY	5.70	.341	20.2	>1000	1.90	-NA-	0.01%

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	(2) 40 ml glass vials	2
(SW 846 8260B)		(SAMPLE)	
VOC (DUPLICATE)	~~4°C~~	(2) 40 ml glass vials	2
		(DUPLICATE)	

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.: BP-VPB-76-170171 (TIME = 1200)	Signature(s):

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-76-202203
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: VPB-0021
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other SALINITY ~~NA~~
Date: 9-19-00								
Time: 1430								
Method: Hydropunch	MED-BRN	5.14	.435	19.9	>1000	1.54	-NA-	0.01%

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	(2) 40 mL glass vials	2
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 201.5'-202.5'
- Sample depth (screen interval) = 201.5' to 202.5'
- Screen exposed to formation for 63 minutes.
- Depth of borehole prior to advancing hydropunch = 200' DRILLED, 201.5' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle If Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	— NA —	[signature]

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-76-211212
Sample Location: VPB-~~00~~76 (Ac 4/15)
Sampled By: ROBERT GOOD
C.O.C. No.: VP13-0021
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other SALINITY ~~NA~~
Date: 9-19-00								
Time: 1625								
Method: Hydropunch	MED-BRN	6.31	.577	19.5	>1000	3.22	-NA-	0.01 %

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: -NA-								
Method: -NA-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -NA-								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL glass vials	2
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 211'-212'
- Sample depth (screen interval) = 211'-212'
- Screen exposed to formation for 47 minutes.
- Depth of borehole prior to advancing hydropunch = 200' DRILLED, 211' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	-NA-	[signature]

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-76-222223
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: VPB-0021
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	Other SALINITY ~~NA~~
Date: 9-20-00								
Time: 1055								
Method: Hydropunch	LT GRAY TINT TO CLEAR	5.48	.308	18.9	-NA-	1.45	-NA-	0.01%

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: -N.A.-								
Method: -N.A.-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -N.A.-								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL glass vials	2
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 222'-223'
- Sample depth (screen interval) = 222'-223'
- Screen exposed to formation for 47 minutes.
- Depth of borehole prior to advancing hydropunch = 220' DRILLED, 222' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle If Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	—N.A.—	

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-76-232233
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0022
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 9-20-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	SALINITY ~~NA~~
Time: 1610								
Method: Hydropunch	TURBID MED-BRN	5.93	.257	20.7	>1000	0.24	—NA—	0.01 %

PURGE DATA:

Date: —NA—	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: —NA—								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: —NA—								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 ml glass vials	2
(SW846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 232'-233'
- Sample depth (screen interval) = 232'-233'
- Screen exposed to formation for 44 minutes.
- Depth of borehole prior to advancing hydropunch = 230' DRILLED, 232' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	—NA—	[signature]

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-76-262263
Sample Location: VPB-76
Sampled By: ROGERS GOOD
C.O.C. No.: BP-VPB-0022
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other SALINITY ~~NA~~
Date: 9-21-00								
Time: 1154								
Method: Hydropunch	LT GRAY	5.03	.181	18.8	>1000	1.35	-NA-	0.00%

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: -NA-								
Method: -N.A.-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -NA.-								
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 (SW 846 8260B)	4°C	(2) 40 mL glass vials	2

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 262'-263'
- Sample depth (screen interval) = 262'-263'
- Screen exposed to formation for 47 minutes.
- Depth of borehole prior to advancing hydropunch = 260' DRILLED; 262' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle If Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	— NA —	

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-76-271272
Sample Location: VPB-76
Sampled By: ROBERT GUOD
C.O.C. No.: BP-VPB-0022
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT RECOVERY VOLUME FOR ALL FIELD PARAMETER MEASUREMENTS.

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	MED-DK GRAY	-NA-	1.85	-NA-	-NA-	-NA-	-NA-	

PURGE DATA:

Date: -NA-	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: -NA-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -NA-								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 ml glass vials	2
(SW 846 8260B)			
		*	
		NOTE: POSSIBLE DRILLING MUD IN	
		SAMPLE BASED ON VISUAL APPEARANCE	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 271'-272'
- Sample depth (screen interval) = 271'-272'
- Screen exposed to formation for 58 minutes.
- Depth of borehole prior to advancing hydropunch = 270' DRILLED, 272' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	-NA-	

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-76-281282
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0022
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT SAMPLE FOR FIELD PARAMETERS ; APX 60 mL TOTAL VOLUME

Date: 9-21-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1510	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	MED - DARK GRAY	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -

PURGE DATA:

Date: — NA —	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: — NA —								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: — NA —								
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	1
(SW846 8260B)			
		NOTE: SAMPLE SIMILAR IN APPEARANCE TO DRILLING MUD	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 281'-282'
- Sample depth (screen interval) = 281'-282'
- Screen exposed to formation for 61 minutes.
- Depth of borehole prior to advancing hydropunch = 280' DRILLED, 281' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

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

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-76-291292
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0022
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT SAMPLE VOLUME FOR FIELD MEASUREMENTS ; TOTAL VOLUME ≈ 100 mL

Date: 9-21-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1700	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	MED-DARK GRAY	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	—

PURGE DATA:

Date: -NA-	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -NA-								
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 (SW 846 8260B)	4°C	(2) 40 mL glass vials	2
		NOTE: SAMPLE SIMILAR IN APPEARANCE TO DRILLING MUD	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 291'-292'
- Sample depth (screen interval) = 291'-292'
- Screen exposed to formation for 59 minutes.
- Depth of borehole prior to advancing hydropunch = 290' DRILLED, 291' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable: | Signature(s):

MS/MSD: — | Duplicate ID No.: -NA-

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-76-302303
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0023
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME FOR FIELD MEASUREMENT PARAMETERS

Date: 9-25-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1515	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	MED BRN	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	—

SILTY

PURGE DATA:

Date: -N.A.-	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: -N.A.-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -N.A.-								
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	(1) 40 ml glass vials	1

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 302'-303'
- Sample depth (screen interval) = 302'-303'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 300' DRILLED, 302' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable: MS/MSD	Duplicate ID No.:	Signature(s):
—	-NA-	

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-76-331332
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0023
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME FOR FIELD MEASUREMENTS

Date: 9-27-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1030	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	BROWNISH GRAY	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	—

PURGE DATA:

Date: -NA.-	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: -N.A.-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -N.A.-								
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 (SW 846 8260B)	4°C	(2) 40 mL glass vials	2
VOC (Duplicate)		(2) 40 mL glass vials (Duplicate)	2
		NOTE: APPEARANCE & CONSISTENCY SOME-WHAT SIMILAR TO DRILLING MUD	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 331'-332'
- Sample depth (screen interval) = 331'-332'
- Screen exposed to formation for 66 minutes.
- Depth of borehole prior to advancing hydropunch = 330' DRILLED, 331' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable: MS/MSD	Duplicate ID No.:	Signature(s):
—	BP-VPB-76-315316 (@ 0830)	[signature]

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-76-342343
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0023
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	D.O. mg/l	ORP mV	Other SALINITY ~~NA~~
Date: 9-27-00								
Time: 1215								
Method: Hydropunch	LT-MED GRAY	6.04	.211	16.2	-NA-	2.39	-NA-	0.00 %

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: -NA-								
Method: -NA-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -NA-								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL glass vials	2
(SW846 8260B)			
VOC (Duplicate)		(2) 40 mL glass vials (Duplicate)	2
		NOTE: Water only slightly muddy, No drilling mud evidence	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth on screen exposed at 342'-343'
- Sample depth (screen interval) = 342'-343'
- Screen exposed to formation for 64 minutes.
- Depth of borehole prior to embedding hydropunch = 340' DRILLED, 342' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	BP-VPB-76-346347	

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-76-362363
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0024
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other SALINITY NA
Date: 9-27-00								
Time: 1550								
Method: Hydropunch	MED BRN	6.15	.404	17.3	—NA—	—NA—	—NA—	0.01%

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: —N.A.—								
Method: —N.A.—								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: —NA—								
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 (SW 846 8260B)	4°C	(2) 40 mL glass vials	2

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 362'-363'
- Sample depth (screen interval) = 362'-363'
- Screen exposed to formation for 64 minutes.
- Depth of borehole prior to advancing hydropunch = 360' DRILLED, 362' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable: MS/MSD	Duplicate ID No.:	Signature(s):
—	—NA—	[signature]

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-76-371372
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0024
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other SALINITY ~~NA~~
Date: 9-27-00								
Time: 1740								
Method: Hydropunch	GRAY	7.07	.707	16.5	-NA-	-NA-	-NA-	0.03%

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: -NA-								
Method: -NA-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -NA-								
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
		(NOTE: GRAY SILTY WATER DID NOT SEEM AS THICK AS DRILLING MUD)	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 371'-372'
- Sample depth (screen interval) = 371'-372'
- Screen exposed to formation for 63 minutes.
- Depth of borehole prior to advancing hydropunch = 370' DRILLED, 371' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle If Applicable:

MS/MSD	Duplicate ID No.:
—	—NA—

Signature(s):

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-76-381382
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0024
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9-28-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1015	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	SALINITY NA
Method: Hydropunch	LT-MED GRAY	6.68	.213	15.5	-NA-	1.62	-NA-	0.00%

PURGE DATA:

Date: -NA-	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: -NA-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -NA-								
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
		(NOTE: Light-medium gray silty water w/ some fine sand; thinner & lighter than drilling mud)	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 381'-382'
- Sample depth (screen interval) = 381'-382'
- Screen exposed to formation for 55 minutes.
- Depth of borehole prior to advancing hydropunch = 380' DRILLED, 381' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	-NA-	

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-76-401402
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0024
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME FOR FIELD MEASUREMENTS (APPX 50 ml TOTAL RECOVERY)

Date: 9-28-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1358	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	LT GRAY	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-

PURGE DATA:

Date: -NA-	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: -NA-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: -NA-								
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	(1) 40 ml glass vials	1
		(Note: Sample much lighter & thinner than drilling mud)	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 401' - 402'
- Sample depth (screen interval) = 401' - 402'
- Screen exposed to formation for 50 minutes.
- Depth of borehole prior to embedding hydropunch = 400' DRILLED, 401' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	-NA-

Signature(s):

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-76-431432
Sample Location: VPB-76
Sampled By: ROBERT GOOD
C.O.C. No.: BP-VPB-0024
Type of Sample:
- [x] Low Concentration
- [ ] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME FOR FIELD MEASUREMENTS

Date: 9-25-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1125	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	MED GRAY	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	—

PURGE DATA:

Date: — NA —	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: — NA —								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material								
Type: — NA —								
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 (SW 846 8260B)	4°C	(2) 40 ml glass vials	2
		(NOTE: Sample somewhat similar in appearance to drilling mud)	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 431'-432'
- Sample depth (screen interval) = 431' - 432'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 430' DRILLED, 431' SPLIT-SPOON
- Sample bottleware filled directly from hydropunch.

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

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-441442
Sample Location: VPB-76
Sampled By: J. NEIL
C.O.C. No.: BP-VPB-0025
Type of Sample:
- [x] Low Concentration
- [ ] High Concentration

SAMPLING DATA: Insufficient volume to run field parameters.

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 10/2/00								
Time: 1215								
Method: Hydropunch	Gray	—	—	—	—	—	—	—

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	(1) 40 ml glass vials	✓
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1102
- Sample depth (screen interval) = 441-442'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to advancing hydropunch = 440'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

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-*461462
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-0025
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: Insufficient volume to run field parameters.

Date: 10/2/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1428	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	Gray	—	—	—	—	—	—	—

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1320.
- Sample depth (screen interval) = 461-462'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to advancing hydropunch = 460'.
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Scott W. Neil
—	—	

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-NW481482
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-0035
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	Other ~~NA~~ SN 10/3/00
Date: 10/3/00								
Time: 0956								
Method: Hydropunch	OR/BRN	5.75	.167	15.3	>999	1.90	NA	0.00

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0848.
- Sample depth (screen interval) = 481-482'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 480'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Scott W. Neil

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-N491492
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-0005
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA: Insufficient volume to run field parameters.

Date: 10/3/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1140	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	Dk Gray	—	—	—	—	—	—	—

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	(2) 40 ml glass vials	✓
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1030
- Sample depth (screen interval) = 491-492'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to advancing hydropunch = 490'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable: MS/MSD

Duplicate ID No.:

Signature(s): Scott W. Neil

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-76-511512
Sample Location: VPB-76
Sampled By: S. Neil
C.O.C. No.: BP-VPB-0015
Type of Sample:
[x] Low Concentration
[ ] High Concentration

* **SAMPLING DATA:** Insufficient volume to run field parameters.

Date: 10/3/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1756	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	DK GRAY	—	—	—	—	—	—	—

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	(2) 40 ml glass vials	✓
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1650.
- Sample depth (screen interval) = 511-512'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to embedding hydropunch = 510'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Scott W. Neil
—	—	

* Sample is similar to drilling mud.

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-76-531532
Sample Location: VPB-76
Sampled By: S. Nile
C.O.C. No.: BP-VPB-0026
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA:

Date 10/4/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other Sal %
Time: 1155	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: Hydropunch	OR/BLN	5.90	.105	15.8	>999	1.19	—	0.00

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 (SW 846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1044
- Sample depth (screen interval) = 531-532'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to advancing hydropunch = 530'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD —	Duplicate ID No.: —	Scott L. Nile

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-76-541-54
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-0006
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME FOR FIELD PARAMETERS.

Date: 10/3/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1338	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	Gray	—	—	—	—	—	—	—

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1330
- Sample depth (screen interval) = 541-542'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to advancing hydropunch = 540'.
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

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-76-551552
Sample Location: VPB-76
Sampled By: S. NYIL
C.O.C. No.: BP-VPB 026
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME TO RUN FIELD PARAMETERS.

Date: 10/4/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1646	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	Gray	—	—	—	—	—	—	—

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	(3) 40 mL glass vials	✓
(SW846 8260B)			
* EXTRA 40 mL VIAL FILLED	FOR DUPLICATE ANALYSIS *		

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1540.
- Sample depth (screen interval) = 551-552'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 550'.
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	BP-VPB-76-554555	[signature]

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-76-561562
Sample Location: VPB-76
Sampled By: S. Weil
C.O.C. No.: BP-VPB-0026
Type of Sample:
- [x] Low Concentration
- [ ] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME TO RUN FIELD PARAMETERS

Date: 10/5/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1005	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	GRAY	—	—	—	—	—	—	—

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	(2) 40 ml glass vials	✓
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0901
- Sample depth (screen interval) = 561-562'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to withdrawing hydropunch = 560'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Scott W. Weil
—	—	

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-76-572573
Sample Location: VPB-76
Sampled By: S. Neil
C.O.C. No.: BP-VPB-0026
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: Insufficient volume to run field parameters

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 10/5/00								
Time: 1311								
Method: Hydropunch	Clay	—	—	—	—	—	—	—

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1202.
- Sample depth (screen interval) = 572-573'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 570'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott L. Neil

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-76-594/595
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-0026
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME TO RUN FIELD PARAMETERS.

Date: 10/5/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	~~Other~~ SAL.
Time: 1755	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	~~ppb~~ ppt
Method: Hydropunch	GRAY	—	—	—	—	—	—	—

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	(4) 40 ml glass vials	✓
(SW846 8260B)			
EXTRA VOLUME FOR DUPLICATE ANALYSIS			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth on screen exposed at 1650
- Sample depth (screen interval) = 591-592'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to advancing hydropunch = 590'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	BP-VPB-76-594595	Scott W. Neil

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-76-601602
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-0026
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME TO RUN FIELD PARAMETERS

Date: 10/6/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1043	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	GRAY	—	—	—	—	—	—	—

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0935 SN 10/6/00
- Sample depth (screen interval) = 601-602'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to advancing hydropunch = 600'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott A. Neil

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-76-611612
Sample Location: VPB-76
Sampled By: S. Neil
C.O.C. No.: BP-VPB-0027
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	Other (SN) Sal ppt
Date: 10/9/00								
Time: 1300								
Method: Hydropunch	Orange-brown	6.25	.193	11.6	>999	1.26	NA	0.00

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 (SW 846 8260B)	4°C	(x) 40 ml glass vials (SN) Only one vial sent for analysis due to breakage of second vial.	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1144
- Sample depth (screen interval) = 611-612'
- Screen exposed to formation for 69 minutes
- Depth of borehole prior to advancing hydropunch = 610'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

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-76-622623
Sample Location: VPB-76
Sampled By: S. Neil
C.O.C. No.: BP-VPB-0027
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 10/9/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other SAL SA
Time: 1455	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Method: Hydropunch	LT. GRAY	6.31	.250	11.9	>999	0.90	NA	0.00

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	(2) 40 mL glass vials	✓
(SW846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1348
- Sample depth (screen interval) = 622-623'
- Screen exposed to formation for 60 minutes
- Depth of borehole prior to advancing hydropunch = 620'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD —	Duplicate ID No.: —	Scott W. Neil

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-76-631632
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-0027
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	~~Other~~ SAL
Date: 10/9/00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	
Time: 1648								
Method: Hydropunch	GRAY/BRN	5.88	.117	11.3	>999	1.36	NA	0.00

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	*(4) 40 ml glass vials	✓
(SW846 8260B)			
		* EXTRA VOLUME FOR DUPLICATE ANALYSIS.	

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth on screen exposed at 1535.
- Sample depth (screen interval) = 631.5 - 632.5
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 630'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	BP-VPB-76-634635	Scott W. Neil

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-76-642643
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: SP-VPB-0017
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA: INSUFFICIENT VOLUME TO RUN FIELD PARAMETERS

Date: 10/10/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1052	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	* DARK GRAY	—	—	—	—	—	—	—

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0940
- Sample depth (screen interval) = 642-643'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 640'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): Scott W. Neil

* Samples have appearance of drilling mud.

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-76-663-663
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-0028
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other SAL NA
Date: 10/12/00								
Time: 1850								
Method: Hydropunch	GRAY	6.24	.193	14.4	>999	0.96	NA	0.00

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 (SW 846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1105
- Sample depth (screen interval) = 663-663'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 660'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD — Duplicate ID No.:

Signature(s): Scott W. Neil

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-76-672678
Sample Location: VPB-76
Sampled By: S. Neil
C.O.C. No.: BP-VPB-0028
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA:

Date: 12/12/00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1424	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	Sal.
Method: Hydropunch	Gray	7.25	.362	15.3	>999	0.91	NA	0.01

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1340
- Sample depth (screen interval) = 671.5 - 676.5'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 670'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD — Duplicate ID No.:

Signature(s): Scott L. Neil

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-76-682683
Sample Location: VPB-76
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-28
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	~~Other~~ Sal NA
Date: 10/12/00								
Time: 1623								
Method: Hydropunch	V. LT. GRY	5.98	.064	15.2	669	2.86	NA	0.00

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1510
- Sample depth (screen interval) = 681.5 - 682.5'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 680'
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Scott W. Neil
—	—	

* Very close to clear.

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage CTO-208
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-76-701702
Sample Location: VPB-76
Sampled By: VAShukora
C.O.C. No.: BP-VPB-0029
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA: * insufficient volume for field measurements *

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 10-16-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1300								
Method: Hydropunch	BRN-Tan	–	–	–	–	–	–	–

PURGE DATA:

Date: -NA-	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material Type: -NA-								
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

* Appears to be good sample of formation water → No drilling mud obvious

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 701' to 702'
- Sample depth (screen Interval) = 701' - 702'
- Screen exposed to formation for 60 minutes
- Depth of Borehole prior to advancing Hydropunch = 700' drilled - 701' Split Spoon
- Sample bottles filled directly from Hydropunch

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565-0206

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

Sample ID No.: BP-VPB-76-711712
Sample Location: VPB-76
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-0029
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	Other NA
Date: 10-16-00								
Time: 1505								
Method: Hydropunch	Tan-Brown	6.55	.119	14.6	>990	5.21	-NA-	-NA-

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: -NA-								
Method: -NA-								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type: -NA-								
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 (SW 846 8260B)	4°C	(2) 40ml glass vials	2

* Appears to be good sample of Formation Water → No drilling Mud obvious

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 711' to 712' BGS.
- Sample depth (screen interval) = 711' - 712'
- Screen exposed to formation for 60 minutes
- Depth of Borehole prior to advance of Hydropunch = 710' drilled - 711' split Spoon
- Sample Bottles filled directly from Hydropunch

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-76-741742
Sample Location: VPB-76
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-0029
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other Salinity ppt
Date: 10-17-00								
Time: 1215								
Method: Hydropunch	Tinted (Tea)	6.11	0.77	14.7	>999	4.68	-NA-	0.0

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: -NA-								
Method: -NA-								
Monitor Reading (ppm): 0.0								
Well Casing Diameter & Material Type: -NA-								
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 (SW 8260B)	4°C	(2) 40 ml glass vials	2

* Appears to be good sample of formation water → No drilling mud obvious

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 742'
- Sample depth (screen interval) = 741' to 742'
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 740' drilled - 741' split spoon
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-76-771772
Sample Location: VPB-76
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-0030
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA: * Insufficient volume for Field Parameters *

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 10-18-00								
Time: 1020								
Method: Hydropunch	Very cloudy white-tan	—	—	—	—	—	—	—

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	(2) 40 ml glass vials	1
(SW 846 8260B)			
		only one 40 ml vial was collected	
		due to insufficient recovery in	
		Hydropunch sampler	

* Appears to be good sample of formation water → No drilling mud obvious

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 772'
- Sample depth (screen interval) = 771' to 772'
- Screen exposed to formation for 65 minutes.
- Depth of borehole prior to advancing hydropunch = 770' drilled - 771' split spoon
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP BETHPAGE
Project Number: N0565 (CTO-0208)
Sample Location: SALVAGE BLDG.
QA Sample Type:

Sample ID Number: RB-091900
Sampled By: ROBERT GOOD
C.O.C. Number: VPB-0021

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

SAMPLING DATA:

Date: 9-19-00
Time: 1740
Method: SEE OBSERVATIONS

WATER SOURCE:

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

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

Product Name: UNKNOWN
Supplier: ECO TEST LABS
Manufacturer: UNKNOWN
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type: GROUNDWATER
Equipment Used: HYDROPUNCH SAMPLER SCREEN, SLEEVE & VALVE
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C ~~& HCl~~	2 x 40 mL GLASS VIAL	(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 & [redacted]

POUR LAB-SUPPLIED QA/QC WATER THROUGH HYDROPUNCH SAMPLER SEDIMENT SCREEN, TUBING SLEEVE AND CHECK VALVE DIRECTLY INTO SAMPLE CONTAINERS

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRA BETHPAGE
Project Number: NUSGS (CTO - 208)
Sample Location: SALVAGE BLDG.
QA Sample Type:

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

Sample ID Number: RB-092600
Sampled By: ROBERT GOOD
C.O.C. Number: BP-VPB-0023

SAMPLING DATA:

Date: 9-26-00
Time: 1530
Method: SEE OBSERVATIONS

WATER SOURCE:

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

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

Product Name: UNKNOWN
Supplier: ECO TEST LABORATORIES
Manufacturer: UNKNOWN
Order Number: "
Lot Number: "
Expiration Date: "

RINSATE INFORMATION (If Applicable):

Media Type: GROUNDWATER
Equipment Used: HYDROPUNCH SAMPLER INNER
Equipment Type: SCREEN, SLEEVE & VALVE

[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C ~~& HCl~~	2 x 40 ml Vial	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:

POUR LAB-SUPPLIED QA/QC WATER THROUGH DECONTAMINATED HYDROPUNCH SAMPLER INNER SEDIMENT SCREEN, TUBING SLEEVE AND CHECK VALVE, DIRECTLY INTO SAMPLE CONTAINERS.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP BETHPAGE
Project Number: N0565
Sample Location: VPB-76
QA Sample Type:

Sample ID Number: TB-100200
Sampled By: ECOTEST LABORATORY
C.O.C. Number: BR-VPB-0025

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

SAMPLING DATA:

Date: 10/2/00
Time: 0800
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: ECOTEST
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~~ SN	(2) 40 ml Glass	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:

ECOTEST LABORATORY PREPARED.

Signature(s):

Scott W. [illegible]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NNIRP BETHPAGE
Project Number: N0565
Sample Location: VPB-76
QA Sample Type:

Sample ID Number: TB-100400
Sampled By: ECOTEST LABORATORY
C.O.C. Number: LP-VAB-0026

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

SAMPLING DATA:

Date: 10/4/00
Time: 0645
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: ECOTEST LABORATORY
Manufacturer: ~~EC~~ SH
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~~ SH	(2) 40 mL Glass	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:

ECOTEST LABORATORY PREPARED.

Signature(s):

Scott W. [illegible]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP BETHPAGE
Project Number: N0565
Sample Location: VPB-76
QA Sample Type:

Sample ID Number: RB-100400
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-0025

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

SAMPLING DATA:

Date: 10/4/00
Time: 0803
Method: DIRECT FILL

WATER SOURCE:

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

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

Product Name: UNKNOWN
Supplier: ECOTEST LAB
Manufacturer: UNKNOWN
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
Volatiles	Cool 4°C & HCl	(2) 40 mL 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 & [redacted]

Rinsate performed on hydropunch by filling sample containers directly from decontaminated hydropunch.

Signature(s):

Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP BETHPAGE
Sample ID Number: DM-100400
Project Number: N0565
Sampled By: S. NEIL
Sample Location: VPB-76
C.O.C. Number: BP-VPB-0035
QA Sample Type:

[] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[X] Other ~~Blank~~ DRILLING MUD SN 104100

SAMPLING DATA:

Date: 10/4/00
Time: 0824
Method: DIRECT FILL

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
Volatiles	Cool 4°C & HCl	(2) 40ml GLASS	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:

DRILLING MUD SAMPLE AT THE 520' DEPTH OF VPB-76.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP BETHPAGE
Project Number: N0565
Sample Location: VPB-76
QA Sample Type:

Sample ID Number: TB-100900
Sampled By: ECOTEST LABORATORY
C.O.C. Number: BP-VPB-0027

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

SAMPLING DATA:

Date: 10/9/00
Time: 0820
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: ECOTEST LABORATORY
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	(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:

ECOTEST LABORATORY PREPARED.

Signature(s):

Scott W. Reid

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP BETHPAGE
Project Number: N0565
Sample Location: VPB-76
QA Sample Type:

Sample ID Number: TB-101100
Sampled By: ECOTEST LABORATORY
C.O.C. Number: BP-VPB-0028

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

SAMPLING DATA:

Date: 10/11/00
Time: 0700
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: ECOTEST LABORATORY
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~~ (5)	(2) 40mL Glass	(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:

ECOTEST LABORATORY PREPARED.

Signature(s):

Scott A. [illegible]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP BETHPAGE
Project Number: NC565
Sample Location: VPB-76
Sample ID Number: RB-101100
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-0027

QA Sample Type:

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

SAMPLING DATA:

Date: 10/11/00
Time: 1020
Method: DIRECT FILL

WATER SOURCE:

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

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

Product Name: UNKNOWN
Supplier: ECOTEST LAB
Manufacturer: UNKNOWN
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
Volatiles	Cool 4°C & HCl	(2) 40mL Glass	(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:

Rinsate blank collected by running analyte-free water through hydropunch and filling samples directly from hydropunch discharge.

Signature(s):

Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page ___ of ___

Project Site Name: NWERP Beth Page
Project Number: N0565-0200
Sample Location: VPB-76
QA Sample Type:

Sample ID Number: BP-TB-101600
Sampled By: Laboratory (GeoTest)
C.O.C. Number: BP-VPB-0029

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

SAMPLING DATA:

Date: 10-16-00
Time:
Method:

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other Poured on 10-12-00 at 1154 hours
[] 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 & [redacted]

Signature(s):

Tetra Tech NUS, Inc

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Beth Page
Project Number: N0565-0200
Sample Location: VPB-76
QA Sample Type:

Sample ID Number: BP-TB-101800
Sampled By: Laboratory (ECOTEST)
C.O.C. Number: BP-VPB-0030

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

SAMPLING DATA:

Date: 10-12-00
Time: 1155
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
Volatiles	Cool 4°C & HCl	(2) 40mL 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:

None

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Beth Page
Project Number: N0565-0200
Sample Location: VPB-76
QA Sample Type:

Sample ID Number: BP-RB-101800
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-0030

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

SAMPLING DATA:

Date: 10-18-00
Time: 0810
Method: Direct Grab (See below)

WATER SOURCE:

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

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

Product Name: Reagent Grade Deionized Water
Supplier: Ricca Chemical Co.
Manufacturer: Ricca Chemical Co.
Order Number: VAS
Lot Number: ~~1902905~~ 1902530
Expiration Date: Feb-2001

RINSATE INFORMATION (If Applicable):

Media Type: Groundwater
Equipment Used: Hydropunch Sampler
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	(2) 40 mL 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 & [redacted]

Water poured through Hydropunch Sampler and directly into Sample Jars

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Beth Page
Project No.: N0565

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type: Drilling Mud from depth
[X] QA Sample Type: Interval of 790'

Sample ID No.: BP-DM-101800-790
Sample Location: VPB-76
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-0030
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 10-18-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1305								
Method: Direct Grab	very cloudy Brown	—	—	—	—	—	—	—

PURGE DATA:

Date: -NA-	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
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
VOCs	4°C	(2) 40 mL Vials	2

OBSERVATIONS / NOTES:

Sample collected from Drillers "Mud Pan" while circulating mud at drilling Interval of 790 feet BGS.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

AQUA TERRA GEOPHYSICS INC. GROUNDWATER/DRILLING CONSULTING 18 STATION ROAD # 3 BELLPORT, NEW YORK 11713 (631) 286-7799	BOREHOLE: VFB-76 LOGS: NATURAL GAMMA S. POINT RESISTANCE SPONT. POTENTIAL

PROJECT: OTD-0208 OFFSITE DRILLING — DATE: OCTOBER 19, 2000

CLIENT: NWIRP BETHPAGE — COUNTY/COUNTRY: NASSAU

LOCATION: WADSWORTH NEAR EMERSON — STATE/PROVINCE: NEW YORK

BOREHOLE DATA

DRILLING CONTRACTOR: UNI-TECH DRILLING CO. INC. — CUSTOMER TD: 810 FT.

ELEV: — DEPTH REF. LAND SURFACE — LOGGER TD 810 FT.

RUN	BIT RECORD			CASING RECORD		
NO.	Bit Size	From	To	Size/Wgt/Thk.	From	To
1	12 IN.	0 FT.	222 FT.	6" PVC	0 FT.	220 FT.
2	8 IN.	220 FT.	T. DEPTH			
3						

DRILL METHOD: MUD ROTARY — DATE DRILLED: 10/00 — TIME SINCE CIRC: 18 HRS.

HOLE MEDIUM: DRILLING FLUID — FLUID LEVEL: 0 FT. — MUD TYPE: BENTONITE

VISCOSITY: — WEIGHT: — Rm: at Deg

GENERAL DATA

LOGGED BY: BENJAMIN A. RICE — OTHER SERVICES:

WITNESS: VINCE SHICKORA & MIKE ENGELMANN — UNIT/TRUCK: MT. SOPRIS MGX/1

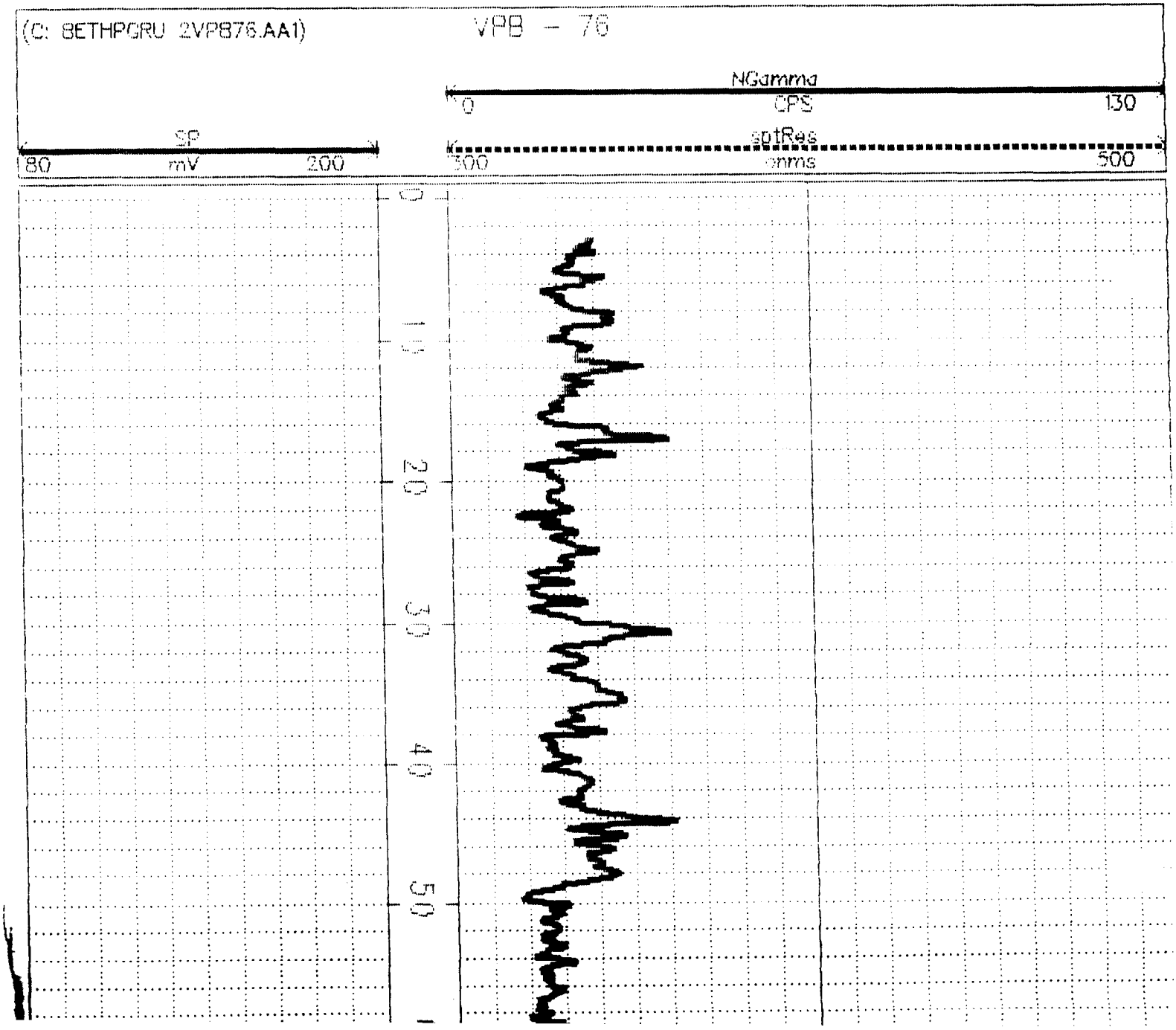
LOGGING DATA

LOG FUNCTION	RUN NO.	EQUIPMENT MODEL	PROBE S.N.	UPHOLE S.N.	LOGGING DIS BIT FEET	SPEED FT/MIN	DETECTOR TYPE	SOURCE TYPE	SIZE Gsq	LOGGED INTERVAL FROM	TO	WT. FEET	COMMENTS
N. GAMMA	3	305	2201	0200	10	20	NaI			3	810	807	W.A. = 2
SP-R	4	305	2201	0200	10	25				220	810	590	

DIGITAL FILE NAME(S):

REMARKS:

MUD PLUG PLACED IN PORTABLE PIT


(C: BETHPGRU 2VP876.AA1)
VPB - 76
NGamma
0
CPS
130
SP
80
mV
200
sdtRes
500
ohms
500
0
10
20
30
40
50

70
80
90
100
110
120
130
140
150
160
1

0
180
190
200
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220
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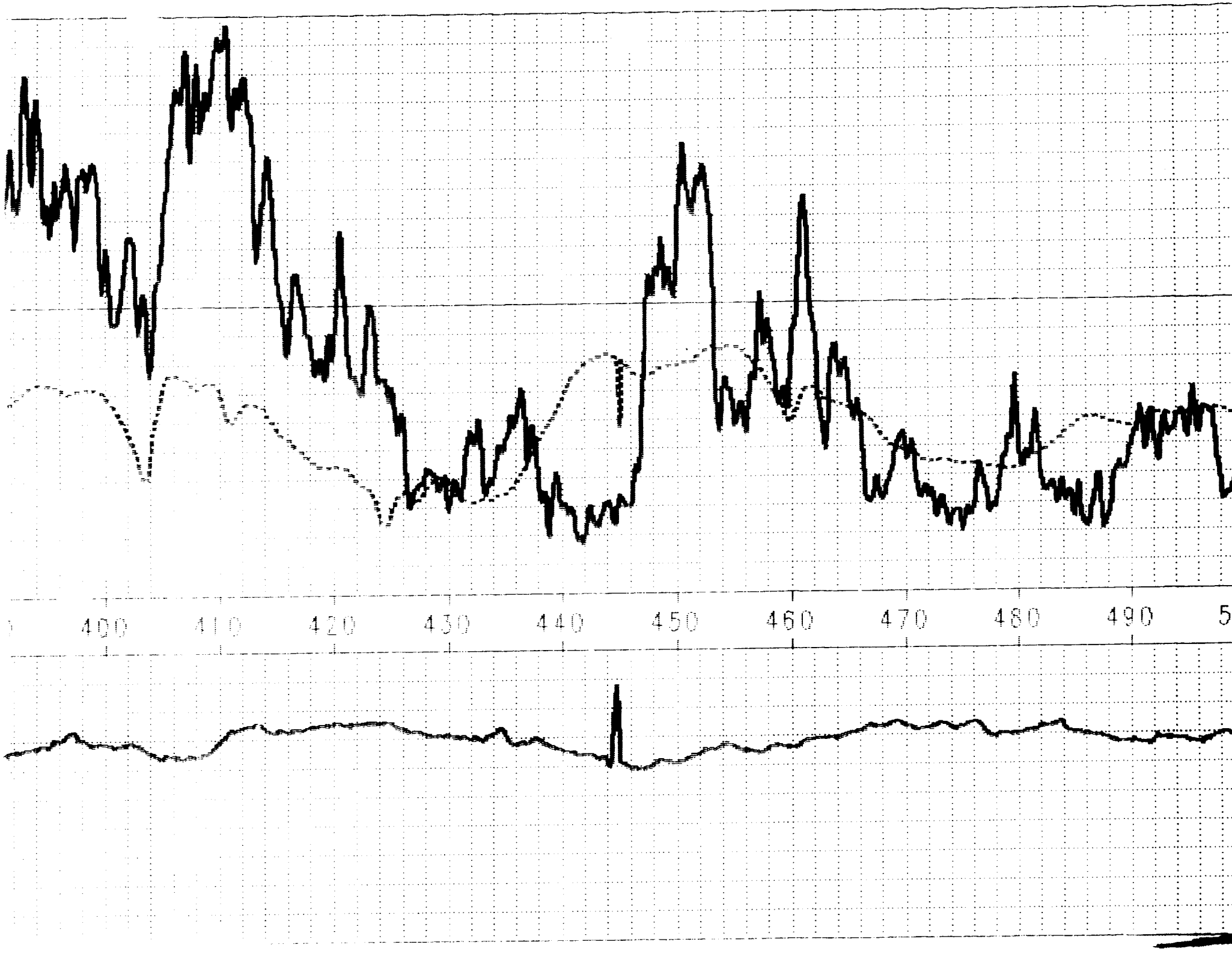
240
250
260
270

290
300
310
320
330
340
350
360
370
380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460
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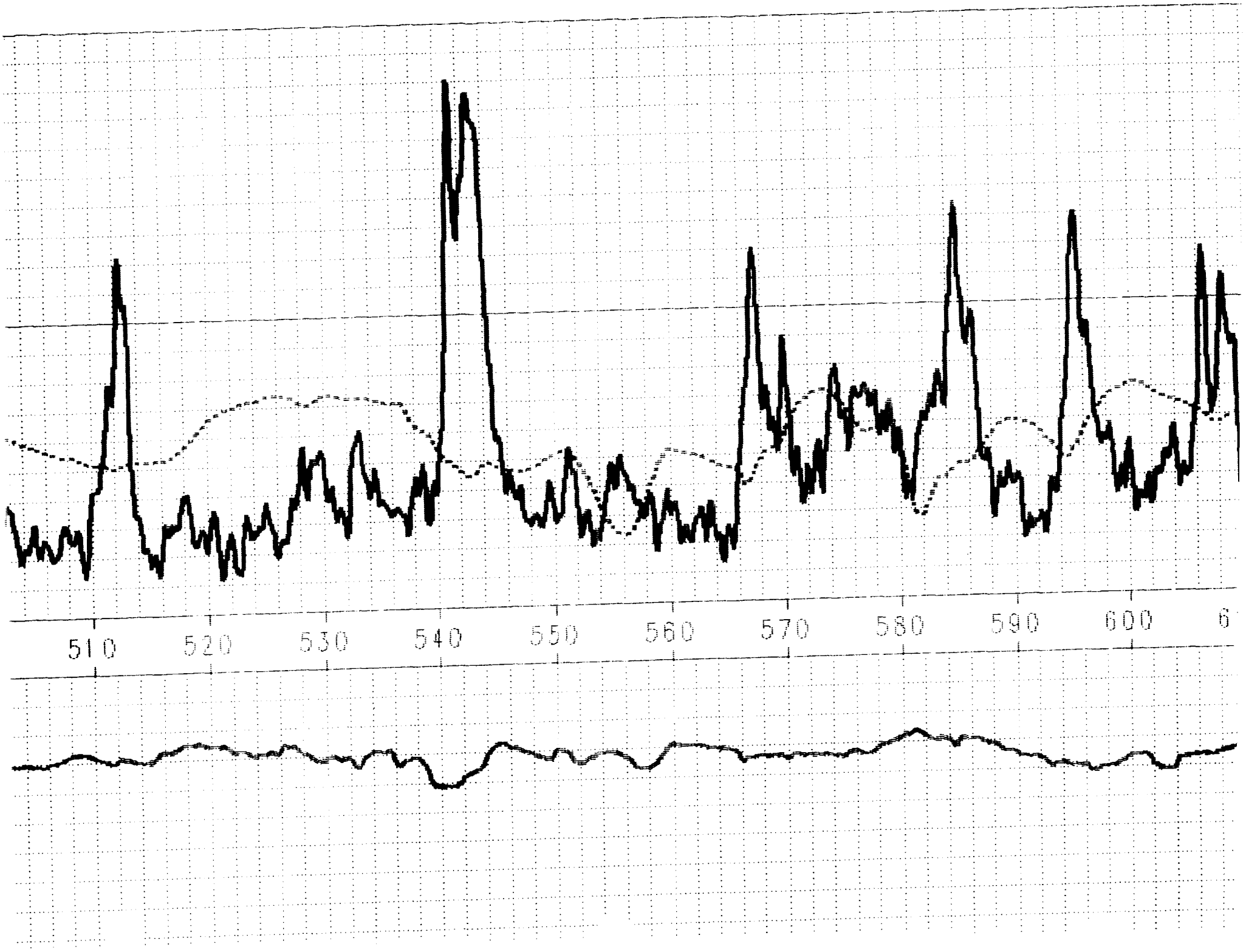
480
490
5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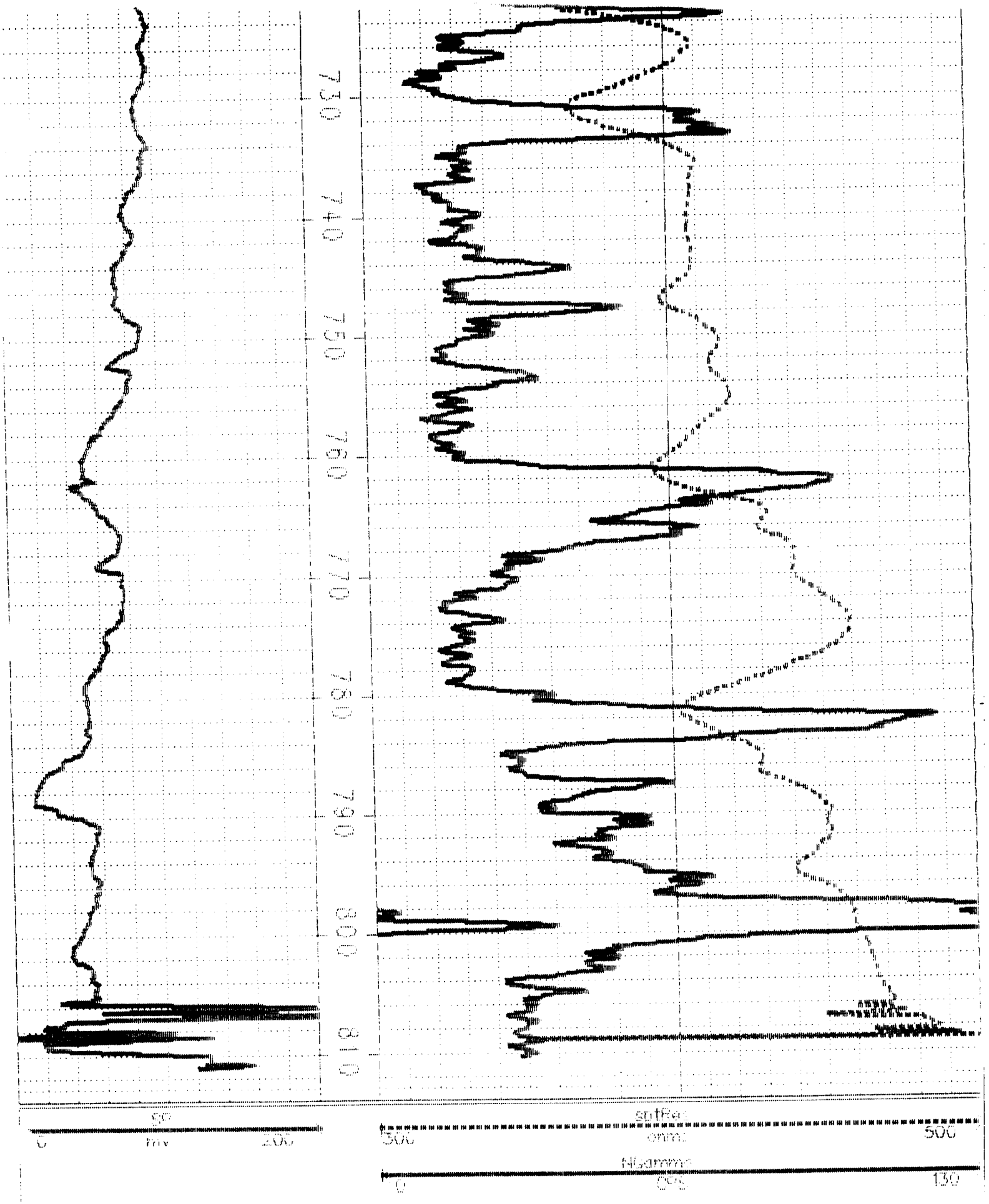

(C) BETHPGRU 2VP676.AA1)

VPB - 76

CHAIN OF CUSTODY RECORD

COC # VPB-0021

PROJECT NO.: N0565

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): ROBERT GOOD

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 mL VOC						REMARKS
	9/14/00	0945		✓	TB-091400 (TRIP BLANK)	2	2						[illegible]
	9/18/00	1210		✓	BP-VPB-76-072073	2	2						[illegible]
	9/18/00	1615		✓	BP-VPB-76-103104	2	2						
	9/19/00	1125		✓	BP-VPB-76-[illegible]	2	2						
	9/19/00	1200		✓	BP-VPB-76-[illegible]	2	2						[illegible]
	9/19/00	[illegible]		✓	BP-VPB-76-202203	2	2						
	9/19/00	1625		✓	BP-VPB-76-211212	2	2						
	9/18/00	1710		✓	RB-091800 (RINSATE BLANK)	2	2						
	9/20/00	1055		✓	BP-VPB-76-222223	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	9/20/00 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 FAX [illegible]	

CHAIN OF CUSTODY RECORD

COC # BP-VPB-0022

PROJECT NO.: N0565, CTO-208

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): ROBERT GOOD

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 mL VIAL VOC						REMARKS
	9/12/00	1158		✓	TB-092000 (TRIP BLANK)	2	2						
	9/20/00	1610		✓	BP-VPB-76-232233	2	2						
	9/21/00	1154		✓	BP-VPB-76-262263	2	2						
	9/21/00	1205		✓	BP-VPB-76-DM-270	2	2						
	9/21/00	1322		✓	BP-VPB-76-271272	2	2						
	9/21/00	1510		✓	BP-VPB-76-281282	1	1						
	9/21/00	1700		✓	BP-VPB-76-291292	2	2						
					TEMPERATURE BLANK	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
	9/22/00 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 LABORATORY COURIER PICK UP SCHEDULED FOR FRI, 9/22/00, 12:00 PM	

CHAIN OF CUSTODY RECORD

COC # BP-VPB-0023

PROJECT NO.: N0565 (CTO-208)

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): ROBERT GOOD

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 mL Vial VOC						REMARKS
	9/12/00	11:50		✓	TB-092500 (TRIP BLANK)	2	2						LAB-SUPPLIED TRIP BLANK
	9/25/00	1515		✓	BP-VPB-76-302303	1	1						
	9/26/00	1530		✓	RB-092600	2	2						RINSATE BLANK
	9/27/00	0830		✓	BP-VPB-76-315316	2	2						
	9/27/00	1030		✓	BP-VPB-76-331332	2	2						
	9/27/00	1215		✓	BP-VPB-76-342343	2	2						
	9/27/00	1250		✓	BP-VPB-76-346347	2	2						
					TEMPERATURE BLANK	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	9/27/00 1315				
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: PICKED-UP BY LABORATORY COURIER. 9/27/00, 1335	

CHAIN OF CUSTODY RECORD COC # BP-VPB-0024

PROJECT NO.: N0565 (CTO-208)

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): ROBERT GOOD

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 mL Glass Vial VOC						REMARKS
	9/27/00	1217		✓	TB-092700	2	2						
	9/27/00	1550		✓	BP-VPB-76-362363	2	2						
	9/27/00	1740		✓	BP-VPB-76-371372	2	2						
	9/28/00	1015		✓	BP-VPB-76-381382	2	2						
	9/28/00	1358		✓	BP-VPB-76-401402	1	1						
	9/28/00	1125		✓	BP-VPB-76-431432	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	9/28/00 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: SAMPLE SHIPPED VIA LAB COURIER, NOVA ISLAND MESSENGER, SCHEDULED PICKUP @ 12:00; 9/29/00	

CHAIN OF CUSTODY RECORD

BP-VPB-[illegible]

PROJECT NO.:	SITE NAME:
N0565	NWRP BEMPAGE

SAMPLERS (SIGNATURE): Scott [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml GLASS						REMARKS
1	10/2/00	0800		x	TB-100200	2	x						[illegible]
2	↓	[illegible]		x	BP-VPB-76-441442	1	x						[illegible]
3	↓	1438		x	BP-VPB-76-[illegible]	2	x						
4	10/3/00	0950		x	BP-VPB-76-[illegible]	2	x						
5	↓	1140		x	BP-VPB-76-491492	2	x						
6	↓	[illegible]		x	BP-VPB-76-[illegible]	2	x						
7	10/4/00	0803		x	RB-[illegible]	2	x						[illegible]
8	↓	0821		x	DM-[illegible]	2	x						[illegible]

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott [illegible]	10/4/00 1227	[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: Picked up by Lab [illegible]	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

[illegible] # BP-VPB [illegible]

PROJECT NO.:	SITE NAME:
[illegible]	[illegible]

SAMPLERS (SIGNATURE): [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	[illegible]						REMARKS
1	10/4/[illegible]	0145		x	TB-[illegible]	2	x						[illegible]
2	↓	1155		x	BP-VPB-76-531532	2	x						
3	↓	1331		x	BP-VPB-76-[illegible]	2	x						
4	↓	1646		x	BP-VPB-76-[illegible]	2	x						
5	↓	0000		x	BP-VPB-76-[illegible]	1	x						DUPLICATE OF BP-VPB-76-551552 (SN)
6	10/5/[illegible]	[illegible]		x	BP-VPB-76-561562	2	x						
7	↓	[illegible]		x	BP-VPB-76-[illegible]	2	x						
8	↓	1755		x	BP-VPB-76-591592	2	x						
9	↓	0000		x	BP-VPB-76-594595	2	x						DUPLICATE OF BP-VPB-76-591592
10	[illegible]	[illegible]		x	BP-VPB-76-[illegible]	2	x						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[illegible]	10/6/[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:	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

[illegible]

PROJECT NO.:	SITE NAME:
NOSES	[illegible]

SAMPLERS (SIGNATURE): [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	[illegible]						REMARKS
1	10/9/[illegible]	0820		x	TB-[illegible]	2	x						[illegible]
2	10/9/[illegible]	13[illegible]		x	BP-VPB-76-611[illegible]	1	x						[illegible]
3	[illegible]	[illegible]		x	BP-VPB-7[illegible]-[illegible]	2	x						
4	10/9/10	1648		x	BP-VPB-76-631632	2	x						
5	10/9/10	0000		x	BP-VPB-76-634635	2	x						DUPLICATE OF: BP-VPB-76-631632
6		[illegible]		x	[illegible]	2	x						
7	[illegible]	[illegible]		x	RB-[illegible]	2	x						[illegible]

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[illegible]	10/11/10 7350	[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: Sample [illegible]	

CHAIN OF CUSTODY RECORD

[illegible]

PROJECT NO.:	SITE NAME:
N0565	NWRP [illegible]

SAMPLERS (SIGNATURE): Scott W. [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS							REMARKS
1	10/[illegible]	[illegible]		x	TB-[illegible]	2	x						[illegible]
2	10/[illegible]	[illegible]		x	[illegible]	2	x						
3	10/[illegible]	[illegible]		x	[illegible]	2	x						
4	10/12/[illegible]	1603		x	3P-VPB TE-682683	2	x						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
Scott W. [illegible]	10/13/[illegible] B	[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: [illegible]	

C.O.C. # BP-VPB-0029

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565-0200

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOA (SW846 8260B)						REMARKS
1	10/13/00	1154		X	TB-101600 (Trip Blank)	2	X						Lab supplied Trip Blank
2	10/13/00	1300		X	BP-VPB-76-701702	2	X						
3	10/14/00	1505		X	BP-VPB-76-711712	2	X						
4	10/17/00	1215		X	BP-VPB-76-741742	2	X						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	10-18-00 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 by Laboratory Carrier	

C.O.C.

BP-VPB-0030

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565-0200

SITE NAME: NWIRP Beth Page

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml Vials						REMARKS
1	10/13/00	1155		X	BP-TB-101800 (Trip Blank)	2	2						~~Trip Blank lab prepared~~
2	10/18/00	0810		X	BP-RB-101800	2	2						~~Rinsate Blank~~
3	10/18/00	1020		X	BP-VPB-76-771772	1	1						Insufficient sample volume for ~~2 vol vials~~
4	10/18/00	1305		X	BP-DM-101800-790	2	2						Drilling Mud at 790'

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	10-17-00 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 by Laboratory Courier (NOVA)	

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204278.01 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/14/00 RECEIVED:09/20/00

SAMPLE: Water sample, Trip Blank

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

LAB NO:204278.02 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/18/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-072073, 1240

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	<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= 26022 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204278.03 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/18/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-103104, 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

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204278.04 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-153154, 1125

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	3
1,2 Dichloroethene	ug/L	3
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	3
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	4
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

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	2
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	8

cc:

REMARKS:

DIRECTOR

rn= 26024 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204278.05 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-170171, 1200

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	3
1,2 Dichloroethene	ug/L	3
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	3
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	4
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

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	2
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	9

cc:

REMARKS:

DIRECTOR

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204278.06 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-202203, 1430

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	4
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	100
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			

cc:

REMARKS:

DIRECTOR

rn= 26026 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204278.07 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-211212, 1625

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	2	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	81
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

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204278.08 09/26/00

Tetra Tech Nus., Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/19/00 RECEIVED:09/20/00

SAMPLE: Water sample, RB-091900, 1740

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= 26028 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204278.09 09/26/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/20/00 RECEIVED:09/20/00

SAMPLE: Water sample, BP-VPB-76-222223, 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	8
1,1 Dichloroethane	ug/L	2
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	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	8
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	68

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204326.01 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/12/00 RECEIVED:09/22/00

SAMPLE: Water sample, TB-09200, 1158

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

LAB NO:204326.02 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/20/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-232233, 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	9
1,1 Dichloroethane	ug/L	2
1,2 Dichloroethene	ug/L	2
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	2
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	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	7
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	98

cc:

REMARKS:

DIRECTOR

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204326.03 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-262263, 1154

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

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REMARKS:

DIRECTOR

rn= 26310 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204326.04 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-DM-270, 1205

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

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204326.05 09/27/00

Tetra Tech Nus., Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-271272, 1322

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= 26312 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204326.06 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-281282, 1510

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

LAB NO:204326.07 09/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/21/00 RECEIVED:09/22/00

SAMPLE: Water sample, BP-VPB-76-291292, 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	<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= 26314 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204393.01 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/12/00 RECEIVED:09/27/00

SAMPLE: Water sample, TB-092500, 1150

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

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204393.02 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/25/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-302303, 1515

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	20	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	5	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	7
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	50
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= 26605 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204393.03 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/26/00 RECEIVED:09/27/00

SAMPLE: Water sample, RB-092600, 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*

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

LAB NO:204393.04 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-315316, 0830

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	<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= 26607 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204393.05 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-331332, 1030

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

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204393.06 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-342343, 1215

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

rp= 26609 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204393.07 00/00/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/27/00

SAMPLE: Water sample, BP-VPB-76-346347, 1250

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

LAB NO:204454.01 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/29/00

SAMPLE: Water sample, TB092700, 1217

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

LAB NO:204454.02 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-362363, 1550

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	2
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	<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	45

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204454.03 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/27/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-371372, 1740

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	15
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

rpt= 26997 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204454.04 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/28/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-381382, 1015

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

LAB NO:204454.05 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/28/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-401402, 1358

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

LAB NO:204454.06 10/04/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:09/29/00 RECEIVED:09/29/00

SAMPLE: Water sample, BP-VPB-76-431432, 1125

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

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204534.01 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/02/00 RECEIVED:10/04/00

SAMPLE: Water sample, TB100200, 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

rp= 27477 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204534.02 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/02/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-441442, 1215

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

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204534.03 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/02/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-461462, 1428

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= 27479 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204534.04 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/03/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-481482, 0956

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	4
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	17
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	4
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	87

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204534.05 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/03/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-491492, 1140

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	<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	5
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	26

cc:

REMARKS:

DIRECTOR

rp= 27481 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204534.06 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/03/00 RECEIVED:10/04/00

SAMPLE: Water sample, BP-VPB-76-511512, 1756

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	<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	7
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	46

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204534.07 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/04/00

SAMPLE: Water sample, RB100400, 0803

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= 27483 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204534.08 10/10/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/04/00

SAMPLE: Water sample, DM100400, 0824

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	15
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

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204573.01 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, TB-100400, 0645

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= 27745 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204573.02 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-531532, 1155

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	3
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	2
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	5
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	96

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204573.03 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-541542, 1338

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	<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

rp= 27747 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204573.04 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-551552, 1646

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	17	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	3
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	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*

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

LAB NO:204573.05 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/04/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-554555, 0000

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	15
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	3
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	22

cc:

REMARKS:

DIRECTOR

rp= 27749 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204573.06 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/05/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-561562, 1005

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	24
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	4
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	42

cc:

REMARKS:

DIRECTOR

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204573.07 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/05/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-572573, 1311

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	3
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	2
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	8
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	2
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	130

cc:

REMARKS:

DIRECTOR

rn= 27751 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204573.08 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/05/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-591592, 1755

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	3	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	130
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

LAB NO:204573.09 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/05/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-594595, 0000

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	3
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	4
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	120

cc:

REMARKS:

DIRECTOR

rn= 27753 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204573.10 10/11/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/06/00 RECEIVED:10/06/00

SAMPLE: Water sample, BP-VPB-76-601602, 1043

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	2
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	4
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	50

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204652.01 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, TB-100900, 0820

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= 28237 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204652.02 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-611612, 1300

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	3
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	2
Chloroform	ug/L	2
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	5
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	200

cc:

REMARKS:

DIRECTOR

28238 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204652.03 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-622623, 1455

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= 28239 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204652.04 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-631632, 1648

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	2
Chloroform	ug/L	2
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	77

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204652.05 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/09/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-634635, 0000

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	2
Chloroform	ug/L	2
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	68

cc:

REMARKS:

DIRECTOR

rn= 28241 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204652.06 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/10/00 RECEIVED:10/11/00

SAMPLE: Water sample, BP-VPB-76-642643, 1052

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	<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	52

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204652.07 10/19/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/11/00 RECEIVED:10/11/00

SAMPLE: Water sample, RB-101100, 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

rn= 28243 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204694.01 10/20/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/11/00 RECEIVED:10/13/00

SAMPLE: Water sample, TB-101100

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= 28838 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204694.02 10/20/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/13/00

SAMPLE: Water sample, BP-VPB-76-662663

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	19
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	50

cc:

REMARKS:

DIRECTOR

rn= 28839 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204694.03 10/20/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/13/00

SAMPLE: Water sample, BP-VPB-76-672673

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	<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	38

cc:

REMARKS:

DIRECTOR

rn= 28840 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204694.04 10/20/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/13/00

SAMPLE: Water sample, BP-VPB-76-682683

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	28

cc:

REMARKS:

DIRECTOR

rn= 28841 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204784.01 10/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/18/00

SAMPLE: Water sample, TB-101600 (Trip Blank)1154

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

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204784.02 10/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/16/00 RECEIVED:10/18/00

SAMPLE: Water sample, BP-VPB-76-701702, 1300

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	2
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	4
Chloroform	ug/L	2
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	120

cc:

REMARKS:

DIRECTOR

rp= 29433 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204784.03 10/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/16/00 RECEIVED:10/18/00

SAMPLE: Water sample, BP-VPB-76-711712, 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	2
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	71

cc:

REMARKS:

DIRECTOR

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204784.04 10/23/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/17/00 RECEIVED:10/18/00

SAMPLE: Water sample, BP-VPB-76-741742, 1215

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	2
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	90

cc:

REMARKS:

DIRECTOR

rp= 29435 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204816.01 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-TB-101800, Trip Blank

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

LAB NO:204816.02 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-RB-101800, 0810

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	2
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	<1

cc:

REMARKS:

DIRECTOR

rn= 29647 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204816.03 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-VPB-76-771772, 1020

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	3
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	<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	47

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204816.03 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-VPB-76-771772, 1020

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	3
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	<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	47

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:204816.04 10/25/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:10/12/00 RECEIVED:10/19/00

SAMPLE: Water sample, BP-DM-101800-790, 1305

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	3
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

rn= 29649 NYSDOH ID# 10320

VPB-77

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: NU565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-07-00
GEOLOGIST: S. Pelepka
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1113	4							hand auger first 4 FT					
1116	10					H. br. Hgy.	c. to v.c. sand + w.r. to s.r. qtz. gravel	1/8" to 1/4" ϕ	0.0	0.0	0.0	0.0	GP
1117 1122	11					wt.		add potable					
								water + thick mud					
1124 1134	20						gravelly c. to v.c. sand (gravel same as above)	abundant lg. ϕ gravel in	0.0	0.0	0.0	0.0	SP
								mud pan					
								attach 8" x 10' reamer					
								thicken mud / recondition					
								borehole → ~5 FT collapse					
1140 1151	30						c. to v.c. sand + w.r. to s.r. qtz gravel	1/8" to 1/2" ϕ	0.0	0.0	0.0	0.0	GP
						+ gy.		recondition borehole					
							drilling mud changes to br. color; poss. clay zone(s)						
							b/w 30' to 40'						
1153	40					H. br. br.	c. to v.c. sand, sm. w.r. to s.r. qtz. gravel +	1/8" to 1/4" ϕ					SP
						Hgy. wt.	tr. br. clay/sandy clay						
								EOR = 1					
1156	50						recondition borehole	minimal settlement					

* When rock coring, enter rock brokeness.

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

Remarks: 8" Mud Rotary drilling to 60 FT (BGS) 8" x 10' Reamer 8" x 1' drag bit. Stroke = 20 FT. All samples wet/muddy from drilling mud. Air monitor with PE Photovac 2020 PID. Samples to 10'-40', 60'-90', 110'-140', 160' to 190' collected from circulating mud using strainer. Strainer mesh > 0.5mm, only capable of retaining c. to v.c. sand + gravel.

Drilling Area Background (ppm): 0.0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0200
PROJECT NUMBER: NU65.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-07-00 / 06-09-00
GEOLOGIST: S. Akapka
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	Remarks	PID Reading (ppm): Sample	Drill Area	Drill Area	Drill Area	USCS*
S-1 @	50	40/65	24			br.	12" m. to c. sand, tr. f. gtr. gravel		0.0	0.0	0.0	0.0	SP
1220	52	57/51	24			var.	12" w.r. to s.a. gtr. gravel tr. Fe-oxide cemented	1/4" to 1" Φ					GP
							sand; becoming sandy wet bottom 4" of sample						
							interval wt. / H.gy. / H.br. to dk.br.						
MW1 @	53						1455 - Drillers advance tools	1230 - First attempt to drive barrel -					
1528	54						without reamer	punch holes; pull tools.					
1629							thicken mud	1600 - collect sample BP-VPB-77-053054					
1633							continue drilling → smoother	See log sheet for details.					
							drilling; driller reports "fine sand-like" drilling						
06-07 1634	60						mostly bentonite drilling mud; tr. c. to v.c. sand	poor returns	0.0	0.0	0.0	0.0	?
06-09 1943							attach 1' x 6" drive bit	pull tools, set 6" PVC temp.					
								surface casing to ~55 FT (BGS)					
0944	70					vr.br. br.	clay / sandy clay + c. to v.c. sand, sm. mica crystals	poor returns	0.0	0.0	0.0	0.0	CL/CH
													SP
0945 0949	80					H.br. H.gy.	c. to v.c. sand, tr. f. gravel	EOR = 3	0.0	0.0	0.0	0.0	SP
						wt.	sm. var. clay / sandy clay vr. lgr. br. H.br. / gy						CL/CH
							tr. mica crystals						
													SP
0950	90					H.br. H.gy.	c. to v.c. sand mica crystals sm. br. lgr. br. / H.br. clay / sandy clay	tr. bentonite in sample					CL/CH

* When rock coring, enter rock brokeness.

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

Remarks: Abbreviations: br. = brown; wt = white, gy. = gray, or. = orange; bk = black, red = red; pk = pink, dk = dark, H = light, var. = variegated, tr. = trace: 0 > 10%, sm. = some: 11-20%, adjective (ie sandy): 21-50%, + and & equal percentages

Drilling Area Background (ppm): 0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0206
PROJECT NUMBER: NU565.0206
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-08-00
GEOLOGIST: S. Pekpko
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	Remarks	PID Reading (ppm) Sample	Sample Dup.	Borehole	Drillers Eye	USCS*
0951 S-2	100	32/73	8		dense to v dense	br-gy H.br.	3.5" m. to c. sand + gran/ fine gravel	mostly gravel 0.5" to 1.5" ø	0.0	0.0	0.0	0.0	GP
@ 1001	102	100 for 4"	24		v. dense		H.gy / H. br. clayey sand sticking to pebble in middle of sample	relatively					
						H.br.	4.5" m. to c. sand → gravel block near bottom of	sample drilling from 60' to 100'.					SP
							interval tr. f. gravel throughout	de-sand mud EOR = 4					
							sample	driller reports rough drilling proc. RW. ET					
HP 2 @ 1010	102.5							1049 - collect sample BP-VPB-77-103104. Refer to log sheet for details					
1056							continue drilling						
1057	110					H.br. H.gy. wt.	c. to v.c. sand + f. gravel, tr. or-br. clay		0.0	0.0	0.0	0.0	GP
1059 1105	120					dk.gy bk.	clay + sandy clay, sm. H.br. to H.gy. c. to v.c.	EOR = 5	0.0	0.0	0.0	0.0	CL/OH
							sand, tr. mica crystals	driller reports clay-like drilling from 115' to 122' (BGS)					SP
1106	130						no sample	sand-like drilling	—	—	—	—	
1106 —	140					H.gy. H.br.	c. to v.c. sand, tr. mica crystals, sm. H.gy / dk.gy.	pre-refusal	0.0	0.0	0.0	0.0	SP
						wt.	bk. sandy clay.	EOR = 6					CL/OH

* When rock coring, enter rock brokeness.

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

Remarks: Abbreviations cont.: w.r. = well rounded, s.r. = subrounded, s.a. = subangular, gty. = gravelly. Note: sample stringer made the whole to build f. to m. sands (≥ 0.5 mm)

Drilling Area Background (ppm): 0.0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 020E
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Vai-Tech Drilling Co. Inc
DRILLING RIG: Failing 1500

BORING NUMBER: VAB-77
DATE: 06-08-00
GEOLOGIST: S. Akpako
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	Remarks	PID Reading (ppm)				USCS*
S-3 @	150	31/52	17		dense to hard	Hvy. Hbr.	3" f. to m. sand, sm. fines	recondition borehole +	0.0	0.0	0.0	0.0	SP
1129	152	38/35	24		dense	Hvy.	2.5" interbedded dense clay / sandy clay	de-sand mud before collection					CL/CH
						Hvy. Hbr	11.5" f. to m. sand, sm. fines	sample					SP
							sm. → or. br. mottling throughout sample						
MW3 @	153							1305 - collect					
1137	154							sample BP-VAB-77-153/154					
								See Log Sheet for details					
1312							continue drilling						
1313 / 1320	160					H. gy. br. gy.	clay / sandy clay, tr. c. to v.c. sand + mica	recondition borehole	0.0	0.0	0.0	0.0	CL
						dk. gy.	crystals	EOR=7					
								163' - 177' → driller reports					
								interbedded clay / sand					
								gravelly at 177 FT					
1321	170					dk. gy. bk.	clay		0.0	0.0	0.0	0.0	CH/OH
						H. br.							
1323 / 1330	180					gy. to dk. gy.	clay / sandy clay	recondition borehole	0.0	0.0	0.0	0.0	CL/OH
						bk.		EOR=8					
1331	190					dk. gy. bk.	clay + lignite, tr. or. br. Fe-oxide cemented sand		0.0	0.0	0.0	0.0	OH

* 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Van-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-08-00
GEOLOGIST: S. Alepka
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	Remarks	PID Reading (ppm) Sample	Sampler BZ	Sample Zone	Driller BZ	USCS *
1332 S-4	200	19/39	7		m. dense to dense	99 br. 94	f. to mostly m. sand	EQR=9	0.0	0.0	0.0	0.0	SP
@ 1351	202	25/9	24		to loose		tr. lt. br. /or. br. mottling						
HP4 @	203							1435 - collect sample BP-VPB-77-203204. See sample log sheet for details.					
1429	204												
1440							continue drilling						
1442 S-5	210	14/8	17		m. dense to loose	or. br. br.	0.5" hard Fe-oxide cemented sand	recondition borehole.	0.0	0.0	0.0	0.0	SP
@ 1451	212	9/28	24		to m. dense	or. br.	2" f. to m. sand, s.m. finer with occ. clayey silty laminae (bot. lt. br./or. br.)	de-scale mud, calls potable water					SP
													SM/SC
						lt. gy.	5" f. to m. sand, sm. finer						SP
							9.5" interbedded (clayey) silty f. to m. sand + f. to m. sand → clean mostly m. sand over bottom 2".	→ appears laminated + mottled					SM/SC
HP5 @	213							1525 - collect sample BP-VPB-77-213214 See sample log sheet for details					
1456	214												
1533							continue drilling						
S-6 @	220	17/34	7.5		m. dense to dense	gy	f. to m. sand, tr. or. br./	EQR=10	0.0	0.0	0.0	0.0	SP
1541	222	21/51	24		m. dense to v. dense		lt. br. mottling						
HP6 @	223						★	1620 - collect sample BP-VPB-77-223224. See log sheet for details					
1549	224												

* When rock coring, enter rock brokeness.

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

Remarks: ★ Discard sample BP-VPB-77-223224: insufficient sample volume → hydropunch screen possible in clayey zone.

Drilling Area Background (ppm): 0.0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0206
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-08-00 / 06-09-00
GEOLOGIST: S. Pekpko
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	Remarks	PID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ**	USCS*
HP7 @	224							1649 - collect sample BP-VPB-					
1625	225							77-224225. See logsheet					
								for details.					
06-08 06-09 0854							continue drilling						
0857 S-7	230	27/42	19			gy. dk gy	interbedded f. to m. sand, sm. fines + clayey/silty	clayey/silty zones laminae	0.0	0.0	0.0	0.0	SP/SM
@ 0905	232	43/100 over 3"	24			bk.	f. to m. sand + clay micro laminae	to ~1.5" thick with sm.					SC/OH
								lignite ~~[illegible]~~ SP 06-09-00					CH
HP8 @	233							0949 - collect sample BP-VPB-					
0913	234							77-233234. See log sheet					
								for details.					
1013							Continue drilling						
1014 S-8	240	15/48	24			dk gy	1" dense clay bed	de-sand drilling mud	0.0	0.0	0.0	0.0	OH
@ 1026	242	64/55	24			gy. bk.	15" interbedded f. to m. sand + clayey/silty f. to m. sand	→ laminated, sm. lignite					SP/SM
						dk. gy.	2.5" dense clay with sm. gy sandy microlaminae	EOR=11					SC/OH
						gy.	2" f. to m. sand	fm. material					SP
							3.5" interbedded f. to m. sand / clay w/ lignite /	compacted in shoe → lignite					SP/OH
							clayey/silty f. to m. sand	rich near bottom of sample					SM/SC
HP9 @	243							1120 - collect					
1035	244							sample BP-VPB- 77-243244					
								See log sheet for details					
06-09 06-12 1104							continue 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Beth page - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-12-00
GEOLOGIST: S. Pekpko
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	Remarks	PID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ**	USCS*
1106 S-9	250	16/23	15		m. dense to k. stiff	var.	9.5" f. to mostly m. sand with sm. clay interbeds	recond. borehole	0.0	0.0	0.0	0.0	SP/CH
@ 1126	252	25/51	24		m. dense to v. dense		+ sm. fines near interbeds gy./H.gy./br./or.br.	clay beds laminate to ~					
						or.br. br.	1" hard Fe-oxide cemented sand	0.5" thick → laminated block					SP
						or.br. H.br.	3.5" f. to mostly m. sand	+ br.gy./pk.					
							sample appears banded	fm. mat'l comp. in shoe					
HP10 @ 1137	253 ~~254~~ 254	SP 06-12-00					1200 → no water in HP; sticky clay on temp well screen, poss. clay zone b/w 253'-254' (BGS)	1305 - collect sample BP-VPB-77-~~253-254~~ 254 255 See Log Sheet for details	SP 06-12-00				
HP11 @ 1213	254 255												
1310							continue drilling						
1311 S-10	260	32/36	15.5		dense	gy br.gy	f. to mostly m. sand, sm. or.br./H.brn. mottling	recond. borehole, dc-sand mud	0.0	0.0	0.0	0.0	SP
@ 1326	262	41/48	24		dense			EOR=12					
HP12 @ 1333	263 264						1350 - Insufficient volume in HP; sticky clay/sandy clay on screen; possible clay zone b/w 263'-264' (BGS).	1450 SP 06-12-00 ~~1450~~ - collect sample BP-VPB-77-263 265. See Log Sheet for details.					
HP13 @ 1404	264 265												

* 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 X Well I.D. #: _____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-12-00
GEOLOGIST: S. Pekoko
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	Remarks	PID Reading (ppm)				USCS*
1450							continue drilling						
						H. br. or. br.	silty/clayey sand near top of sample						SM/SC
5-11	270	26/41	12.5		dense to hard	var.	banded mostly m. sand with sm. clayey sand + clay	second. borehole	0.0	0.0	0.0	0.0	SP
@ 1505	272	72/28	24		v. dense/ hard to		interbeds + inclusions → (blk. to dk. gy. + organic	lg. piece of s.g. gravel at					SC/OH
					m. dense/ v. stiff		rich → lignitic). br. gy. / dk. gy. / gy.	top of sample → 1.5" ø					
						or. br.	mostly m. sand with thin dk. br. organic-rich silt +	→ sm. lines					SP
							blk. / dk. gy. clay compacted in shoe	clay beds ~0.25" to 1" thick.					OL/OH
HP14 @	273							1544 - collect sample BP-VPB-77-273274					
1544	274							See log sheet for details.					
1545							continue drilling						
1547 5-12	280	28/31	11.5		m. dense to dense	var.	mostly m. sand with clayey micaceous (blk.) zone		0.0	0.0	0.0	0.0	SP
@ 1559	282	39/22	24		dense to m. dense		top and two clay interbeds near bottom half of sample	→ micaceous to 0.25" thick					SC/OH
							br. gy. / H. gy. / H. br. - dk. br. / or. br.	(laminated gy. / blk.)					CH
								2" dk gy sandy clay + gravel					
								key at top of sample					
HP15 @	283							EGR = 13 1635 - collect					
1607	284							sample BP-VPB-77-283284					
								See log sheet for details.					
06-12													
0613	0613						continue 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bath page - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-13-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
0815 S-12	290	38/100	11.5	dense to v. dense	pyrite	dk gy.	1" hard cemented sand frags → ~~mica~~ in matrix	recond borehole, de-sand, add	0.0	0.0	0.0	0.0	SP
@ 0840	292	over 5" / –	24		SP 06-13-00	dk gy.	10.5" m. to c. sand with sm. clayey/clay	potable H2O					SC/OH
							interbeds (≤ 1/4" thick)	fm. mat'l compacted in					
								shoe					
HP16 @	292							0925-collect sample BP-VPB-					
0846	293							77-292293 See log sheet					
								for details					
0927							continue drilling	de-sand mud					
							pyrite SP 06-13-00						
0928 S-14	300	48/100	5		dense/ hard to	dk. gy.	4" clay, sm. ~~mica~~ cemented sand frags → pass 3" log	recond borehole + desand mud	0.0	0.0	0.0	0.0	OH
@ 0942	302	over 3" / –	24		v. dense	dk gy. br. gy. bk.	1" m. to c. sand, sm. fines	EOR=14					SP
HP17 @	301 ~~291.5~~	SP					have difficulty advancing hydropunch → fm. v.	1024. collect sample BP-VPB-					
0949	302 ~~292~~	06-13-00					hard/compacted	77-301302. See log sheet for					
								details.					
1024							continue drilling						
1026 S-15	310	36/100	11		dense to v. dense	gy.	10" mostly m. sand	recond borehole + desand mud	0.0	0.0	0.0	0.0	SP
@ 1038	312	– / –	24				sample comp. in shoe	1" dk gy. clay + pyrite or SP 06-13-00					
								~~mica~~-cemented sand log					
HP18 @	312							1148-collect					
1047	313							sample BP-VPB- 77-312312. See					
1149							continue drilling	log sheet for details					

* 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0204
PROJECT NUMBER: N0505.0204
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-13-00
GEOLOGIST: S. Arlopka
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	Remarks	PID Reading (ppm) Sample	Sampler BZ	Borehole	Driller BZ**	USCS*
1121 S-16	320	61 / 100	12		V. dense	gy. dk gy	7" mostly m. sand with v. thin dk gy clay	recon. borehole & decon and	0.0	0.0	0.0	0.0	SP
@ 1131	322	over 4" / –	24				interbed near top of sample (< 1/4")	5" dk. gy clay key EQR=15					OH
HP19 @	322							1250- collect sample BP-VPB-					
1140	323							77-322323. See log sheet					
								for details.					
1252 S-17	330	31 / 51	16.5		dense to v. dense	gy.	f. to m. sand, sm. fines & dk. gy. lbk. silty	recondition borehole de-sand	0.0	0.0	0.0	0.0	
@ 1307	332	53 / 50	24		v. dense		laminae	hard pyrite -					
								cemented sand from at top of					
								sample					
HP20 @	333							1345 - collect sample BP-VPB-					
1317	334							77-333334. See log sheet					
								for details.					
1347							continue drilling						
1346 S-18	340	41 / 40	17.5		dense	gy	f. to mostly m. sand, sm. fines & dk. gy. lbk. silty	de-sand and & recondition	0.0	0.0	0.0	0.0	SP
@ 1407	342	50 / 55	24		v. dense		clayey interbeds → laminae to ~1" thick with lignite	borehole 1400 - thicken					SM/SC
								and & recondition borehole					
								hard pyrite - cemented sand					
HP21 @	343						1450 - collect sample BP-VPB- 77-342343 at location	from at top of sample					
1415	344						See sample key sheet for details.	EQR=16					

* 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-13-00 / 06-14-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1508							continue drilling						
1511 S-19	350	25/38	14		m. dense to dense	br.gy.	1" mostly m. sand with H.gy. clay inclusion	reconditioned borehole	0.0	0.0	0.0	0.0	SP
@ 1509	352	66/54	24		v. dense	bk.	0.5" lignitic clay bed						OH
						gy.	12.5" mostly m. sand	fm. mat'l comp. in shoe					SP
HP22 @	353						insufficient sample volume in hydropunch						
1544	354												
06-13 HP23 @ 1614	354												
06-14 0905	355						continue drilling						
0906 S-20	360	52/100	7		v. dense	gy. br.gy.	mostly m. sand	recond. borehole 0910 - well flooding	0.0	0.0	0.0	0.0	SP
@ 0939	362	over 5" / —	24					at rod break → continue recond.					
								borehole + desand mud					
								EOR=17					
24	SP 06-14												
HP23 @	362							1030 - collect sample BP-VPB-77-362 363. See log sheet for details					
0948	363												
1035							continue 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): 0.0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: NU565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-14-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1028 S-21	370	27/63	13		m. dense to v. dense	gy.	Mostly m. sand	recondition borehole; de-sand mud	0.0	0.0	0.0	0.0	SP
@ 1050	372	100/ 5"	24		v. dense								
								dk gy/bk. lignitic clay lamination					
								at top of sample					
~~HP25~~ @	25 372.5							de-sand mud					
1104	373.5							1148 - collect sample BP-VPB-77-372373					
								See sample log sheet for details					
1153							Continue drilling						
1155 S-22	380	45/33	19		dense to hard	gy. dk. gy. bk.	11" interbedded clayey/silty f. to m. sand / dense lignitic	recondition borehole; de-sand mud. EOR=18	0.0	0.0	0.0	0.0	
@ 1211	382	54/46	24		dense to v. dense		clay / f. to m. sand → laminated @ 0.1400						SP/OH
						gy.	8" fm. f. to m. sand, sm. fines + black clayey/silty						SP
							microlaminae over top of sample						
HP26 @	383							1300 - collect sample BP-VPB-77-383384. See log sheet for details.					
1226	384												
1300							Continue drilling						
1301 S-23	390	37/100	2		hard to v. dense	bk. gy.	1" laminated lignitic clay	recondition borehole +	0.0	0.0	0.0	0.0	OH
@ 1312	392	over 8" / –	24			dk. gy. br. gy. gy.	1" mostly m. sand	de-sand mud					SP
							* sample possibly entirely						
							lag						
HP27 @	392							1358 - collect sample BP-VPB-77-392393. See					
1320	393							Log sheet for details.					

* 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0208
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-14-00
GEOLOGIST: S. Perdko
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	Remarks	PID Reading (ppm): Sample	Borehole RZ	Borehole**	Driller BZ**	USCS*
1359							continue drilling						
1400 S-24	400	42/42	15		hard to dense	dk. gy	1" dense clay	recondition borehole, dk. gray	0.0	0.0	0.0	0.0	CH/OH
@ 1411	402	45/46	24		dense	gy.	14" mostly m. sand	mud.					SP
								FOR = 14					
SP 06-14-00													
HP28 @	28 403							1500 - collect sample BP-VPB-					
1402	404							77-403 404. See log sheet for details					
1501							continue drilling						
1502 S-25	410	25/52	24		m. dense to v. dense	gy	f. to m. sand, sm. fines + blk. lt. dk. gy. clayey lsing	recondition borehole	0.0	0.0	0.0	0.0	SP
@ 1518	412	45/37	24		dense		laminae - more common over top half of sample (sm. lignite).						SM/SC
HP29 @	413							no formation water in					
1526	414							hydropunch sample.					
HP30 @	413.5							1700 collect sample BP-VPB-					
SP 06-14-00 1624	414.5							77-412414. See sample log sheet for details					

* 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 X Well I.D. #: _____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0206
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-15-00
GEOLOGIST: S. Pekpko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
0858							continue drilling						
0900 S-26	420	26/41	23		v. stiff / m. dense to	dk. gy.	1" dense clay bed	recondition borehole +	BG	BG	BG	BG	CH/OH
@ 0915	422	44/43	24		dense	gy. bk.	3" laminated clayey/silty f. to m. sand, sm. lignite	desand mud					SM/SC
						gy. bk.	20-19" f. to mostly m. sand, tr. clayey/silty laminae	fm. matl comp. in shoe					SP
							+ v. thin pyrite-cemented sand bed	EOR=20					
HP31 @	423						sticky light gray clay coating inflow to lower check valve	1002 - collect sample BP-VPB-					
0926	424						on hydropunch	77-423424. See sample log sheet					
								for details.					
1003							continue drilling						
1004 S-27	430	37/64	12		dense to v. dense	gy.	mostly m. to c. sand with sm. dk. gy. v. thin clay	recondition borehole	BG	BG	BG	BG	SP
@ 1028	432	100/ for 4"	24		v. dense		beds (<1/4") + clayey inclusions						SC/CH
							1/4" black lignite bed in middle of sample	fm. matl comp. in					OH
								shoe → appears silty near bottom					
HP32 @	432.5							1114 - collect sample BP-VPB-					
1042	433.5							77-432433. See sample log					
								sheet for details					
1117							continue drilling						

* When rock coring, enter rock brokeness.

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

Remarks: PID readings likely attributable to high humidity conditions.

Drilling Area Background (ppm): [illegible]

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: NU565.0200
DRILLING COMPANY: UniTech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-15-00
GEOLOGIST: S. Pelopko
DRILLER: J. Fuons

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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1118 S-24	440	28/31	18		m. dense	gy.	mostly m. sand	recond. borehole + desand mud	BG	BG	BG	BG	SP
@ 1134	442	36/37	24		dense			tm. mat'l comp. in shoe					
								EOR: 21					
HP33 @	443						hydropunch sampler empty →						
1144	444						screen poss. never exposed						
HP34 @	443.5						sticky light gray clay coating inflow to lower	1333- collect sample BP-VPB-					
1300	444.5						check valve on hydropunch	77-443444. See sample log sheet					
								for details					
1336							continue drilling	1334- thicken mud					
1338 S-30	450	47/100	3		dense to v. dense	brgy gy.	mostly m. to tr. c. sand; 2 pieces of w.r. 1/2" Ø qtz	recond. borehole + desand mud	0.0	0.0	0.0	0.0	SP
@ 1349	452	[illegible]	24				gravel + clay (lay?) at top of sample						
HP35 @	452							1435- collect sample BP-VPB-					
1359	453							77-452453. See sample log sheet					
								for details.					
1440							continue 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): 0.0-2.2

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: ~~GM-7~~ SP 06-15-00 VPB-77
DATE: 06-15-00 / 06-16-00
GEOLOGIST: S Pepke
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1444 S-31	460	25/27	2		m. dense	br. gy.	m. to c. sand, sm. fines + w.c. to s.a. qtz gravel +	recond. borehole + desand mud	0.0	0.0	0.0	0.0	SP
@ 1501	462	43/28	24		dense to m. dense		dk. br. clay lense → poss. log *	muddy sample					OH
								EOR = 22					
HP36 @	463							1544 - collect sample BP-VPB-					
1511	464							77-463464. See sample log					
								sheet for details.					
1545							continue drilling						
1546 S-32	470	27/28	24		v. stiff	v. dk. gy.	v. dense clay	recond. borehole	0.0	0.0	0.0	0.	[illegible]
@ 1558	472	36/38	24		hard	v. dk. gy.	1" clayey m. to c. sand grading to m. to c. sand	tm. mat'l comp. in shoe					SC/SP
HP37 @	472.5						v. dk. gy. sticky clay on hydropunch screen	1652 - collect sample BP-VPB-					
1606	473						difficulty driving	77-472473. See sample					
							★ hydropunch: only expose ½ of screen to maximize	log sheet for details					
06-15							separation between mud + sample interval						
06-16 0617							continue drilling						
0619 S-33	480	57/100	10		hard to v. dense	v. dk. gy.	1" dense clay bed	recondition borehole	0.0	0.0	0.0	0.0	CH/OH
@ 0631	482	over 3" / –	24			br. gy. gy.	m. to c. sand → 8"	EOR = 23					SP
						gy.	1" silty f. to m. sand	tm. mat'l comp. in shoe					SM
HP38 @ 0642	482					★	see above	0915 - collect sample BP-VPB-77-482483.					
	482.5							See sample log sheet for details.					

* 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): 0.0-0.2

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-16-00 / 06-20-00
GEOLOGIST: S. Pekpko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
0917							continue drilling						
0918 S-34	490	31 / 43	21		hard	bk. dk gy.	interbedded dense clay and silty f. sand	recond. borehole	0.0	0.0	0.0	0.0	ML/CH
@ 0929	492	46 / 57	24		hard	gy.	sample is laminated to banded → majority is clay with silty f. sand micro-laminae	no hydropunch sample collected due to fm. tightness → low perm.					ML
							~ 3" silty f. sand bed in middle of interval						
06 09-16													
09-20 06							continue drilling	driller reports "gravel-like"					
0915													
0918 S-35	500	100 / 5"	7		v. dense	br. gy. lt. gy.	4" m. to c. sand (mostly m.)	drilling at ~497'	0.0	0.0	0.0	0.0	SP
@ ?	502	– / –	24				→ fm. mat'l comp. in shoe	recond. borehole / add potable water					
								3" bk. / dk. gy clay w/ sand, laminae + gravel lag					
								EOR = 24					
HP39 @	501.5						no water in hydropunch → did not open more than ~1"						
0947	502						will attempt to collect sample from same interval.						
HP40 @	501							1128 - collect sample BP-VPB-77-501502					
1043	502							See sample log sheet for details					
1129							continue drilling						
			5" 06-20-00										
1131 S-36	510	30 / 15	85		m. dense	br. gy.	f. to mostly m. sand	recondition borehole	0.0	0.0	0.0	0.0	SP
@ 1143	512	20 / 25	24		m. dense			1" dk. gy clay lag?					

* 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 X Well I.D. #: _____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-20-00
GEOLOGIST: S. Pelepka
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
HP41 @	512.5							1238- collect sample BP-VPB-					
1153	513.5							77-512513. See sample log sheet					
1242							continue drilling	for details.					
1243 5-37	520	37/39	1		dense / hard	bk. br. gy.	laminated sandy clay / clayey sand / lignitic clay → poss.	recond. borehole de-sand mud	0.0	0.0	0.0	0.0	CL/SC
@ 1324	522	39/42	24		dense / hard		lay.	1255- losing mud to fm. →					OH
								add potable water + thicken mud					
								& recond. borehole					
								1315- well flowing at rod break → thicken mud.					
HP42 @	523						insufficient sample volume	recond. borehole EOR: 25					
1336	524						in hydropunch	1410- collect sample BP-VPB-					
								77-523524. See sample log					
								sheet for details.					
HP43 @	523.5						no groundwater in						
1433	524.5						hydropunch						
1516							continue drilling						
							(mostly m.)	recondition borehole					
1518 5-38	530	55/47	24		v. dense to dense	gy.	m. to c. sand, 2 dk gy / bk. bands near bottom	1543- de-sand mud	0.0	0.0	0.0	0.0	SF
@ 1540	532	52/54	24		v. dense		of sample interval → sm. fines in banded zones	fm. mat'l					
							bk. lignitic clayey inclusion	comp in shoe					
							near bottom of sample	1645- collect sample BP-VPB-					
HP44 @	533							77-533534. See sample log sheet					
1554	534							for details.					

* 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 X Well I.D. #: _____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-21-00
GEOLOGIST: S. Pekoski
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
HP45 @	533						no water in hydropunch, no clay on screen?						
0848	534												
1014							continue drilling						
1016 S-39	540	47/54	19.5		dense to v. dense	gy.	f. to m. sand, bk. /gy. clayey / clay laminae	record borehole EOR=26	0.0	0.0	0.0	0.0	SP
@ 1036	542	49/49	24		dense		over top 2" of sample.						SC/OH
							bk/gy. 0.5 inch laminated clay bed at bottom of						
							sample interval → sm. lignite						
HP46 @	543							1205 - collect sample BP-VPB-					
1052	544							77-543544. See sample log					
								sheet for details					
1219							continue drilling						
1223 S-40	550	32/41	13.5		dense	br. gy. gy.	m. to v.c. sand, tr. f. gravel	de-sand mud + record	0.0	0.0	0.0	0.0	SP
@ 1243	552	60/63	24		v. dense	H. gy.	1/2 ⌀ w.r. qtz. gravel at top	fm. mat'l					
							of sample. br. to	comp. in shoe → H. br. mottling					
								at base of sample → sm.					
								fines					
HP47 @	552							1420 - collect sample BP-VPB-77-					
1257	553							552553. See sample log sheet.					
1424							continue drilling	for details					
1426 S-41	560	41/47	10		dense	H. gy.	m. to c. sand, H. br. mottling at bottom of sample.	record borehole	0.0	0.0	0.0	0.0	SP
@ 1449	562	59/65	24		v. dense		1.5" ⌀ w.r. fract. qtz gravel + gy. / br. gy. sandy clay / clay at top of sample → log?	EOR=27					

SP 06-21-00

* 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-21-00 / 06-22-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
HP48 @	562						no water in hydropunch →						
1505	563						screen appears not to have been exposed to formation.						
								SP 06-21-00					
HP49 @	562							1725-collect sample BP-VPB-					
1618	563							77-562563. See sample log sheet					
06-21								for details.					
06-22 06-16							continue drilling						
0048 S-42	570	42/47	24		hard to dense	lt. gy. br. gy.	1" dense clay bed (log?) 5" c. to v.c. sand + f.	recondition borehole	BG	BG	BG	BG	
@ 0900	572	53/58	24		v. dense		gravel, sm. lt. gy. lt. br. clayey inclusions						
						gy.	13" f. to mostly m. sand, sm. c. sand + fines						SP
							coarsening to f. to c. sand, tr. f. gravel						
						bk. dk. gy.	4" mostly lignite, sm. clay/ silt/sand + mica crystals						OH/SW
						gy.	1" f. to most m. sand						OL SP
HP50 @	573							1010-collect sample BP-VPB-					
0916	574							77-573574. See sample log					
1016							continue drilling	sheet for details.					
1018 S-73	580	37/44	24		hard to dense	br. gy. gy.	1" v. dense f. sandy clay (log?) 2" c. to v.c. sand +	recond borehole driller reports	BG	BG	BG	BG	CL
@ 1038	582	58/59	24		v. dense	gy. gy.	1/8" to 1/4" w.r. to s.r.	"clay-like" drilling from					SP
							qtz. gravel w/ clayey inclusion near bottom of interval	576' to 578'					
							~4" m. to c. sand zone ~3" from bottom of sample	EOR = 28					
						br. gy. gy.	1.5" v. dense f. sandy clay bed ~2" from bottom + laminated	tm. metal comp. in shoe					CL
						v.	dk. br. organic-rich silt at bottom of spoon tip (inclusion)						OL

* 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 PID Readings (ppm) = ~~0.0~~ 0.4 to 0.5 → likely a result of high humidity. SP 06-22-00

Drilling Area Background (ppm): [illegible]

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-22-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
HP-S1 @	583							1150 - Collect sample BP-VPB-77-					
1054	584							583584					
1153							continue drilling						
1155 S-44	590	30/30	24		m. dense	gy.	10" interbedded f. to m. sand + clayey/silty f. to	recondition borehole	0.1	0.1	0.1	0.1	SP/SM
@ 1213	592	35/40	24		dense		m. sand, tr. bk. mottling 14" mostly m. to c. sand						SC/SP
HP52 @	592.5							1335 - Collect sample BP-VPB-					
1224	593.5							77-592593. See sample log sheet					
								for details.					
1338							continue drilling						
1340 S-45	600	39/44	24		dense	gy.	mostly m. sand, thin 0.5" clayey/silty bed	recondition borehole	0.0	0.0	0.0	0.0	SP
@ 1404	602	56/67	24		v. dense		in bottom 1/2 of sample (bk. lgy. laminated),	1355 → well flowing at rod break →					
							sm. fines	continue recond.					
								EOR = 29					
HP53 @	602.5												
1417	603.5												
HP54 @	602.5							1635 - Collect sample BP-VPB-					
1525	603.5							77-602603. See log sheet for details					

* 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): 0.4 / 0.0-0.5 / SD 06-22-

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: MWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG:

BORING NUMBER: VPB-77
DATE: 06-23-00/06-26-00
GEOLOGIST: D. Whalen / S. Pekoka
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
								recondition borehole					
0813							continue drilling						
0815 S-46	610.0	41/49	22/24		Dense	gy	med. to coarse sand, trace	recondition borehole	0.0	0.0	0.0	0.0	SP
@ 0842	612.0	53/61			V. Dense		of silt						
HP55 @	613												
0956	614												
HP56 @	613.5							1130 - collect					
1130	614.5							sample BP-VPB-77-613614, see log					
06-23							continue drilling	sheet for details					
06-26 1049													
1051 S-47	620	37/100	11		dense to v. dense	br. gy. H. gy. gr.	7" c. to v.c. sand, sm. f. gravel + Fe-oxide mottling	recond. borehole	0.0	0.0	0.0	0.0	SP
@ 1109	622	-/-	24		—		(or-br.)	1/2" ø w.r. qtz gravel + clay					
						H gy.	0.25" clay bed	log at top of sample					CH
						H gy. H. br.	3.75" mostly m. to c. sand + dk. br. Fe-oxide cemented sand	BOR=30					SP
HP57 @						or. br.	tray.						
1122													

* 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): 6

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565 0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-26-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1238							continue drilling	1235-collect sample BP-VPB-77-621622. See sample log sheet for details.					
1240 S-48	630	44/100	14		hard	dk. gy. gy.	interbedded dense clay / silty / f. sandy clay / silty	record borehole	0.0	0.0	0.0	0.0	OH/CH
@ 1255	632	5"	24		—		f. sand	individual beds range in thickness from micro-laminae to ~3" fm. mat'l comp. in shoe					CL/ML
HP58 @ 1310	631							1430-collect sample BP-VPB-77-631632. See sample log sheet for details.					
1434							continue drilling	driller reports "clay/silt" like drilling b/w 630'-637'					
1436 S-49	640	61/100	6		hard to v. dense	lt. br/gy.	v. dense clay bed → 0.5"	record borehole / dk sand mud	0.0	0.0	0.0	0.0	CH
@ 1456	642	0.5"	24		—	lt. br. lt. gy. br.	m. to c. sand	EOR=31 3" dk gy clay log at top of sample.					SP
HP59 @ 1511	641							1625-collect sample BP-VPB-77-641642. See log sheet for details.					
1626							continue drilling	relatively smooth drilling b/w 640'-650'					
1629	650							record borehole	—	0.0	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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTU 4 2004
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Un-Tech Drilling Co. Inc
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-27-00
GEOLOGIST: S. Pekala
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	Remarks	PID Reading (ppm) Sample	Vapor Space	Background	Driller Air	USCS*
5-50 @	650	30/40	24		m. dense to dense	var.	21" mostly m. to c. sand with clayey/silty + clay interbeds	→ laminae to	0.0	0.0	0.0	0.0	SP/
0836	652	50/55	24		v. dense	lt. gy. or. br.	9" c. sand to clayey sand with 0.25" clay	~ 1.5" thick					SC/CH
						pk.	interbed						
							lt. gy./lt. br./pk./or. br.						
HP80 @	652.5							100B-collect sample BP-VPB77-					
0851	653.5							652653. See sample log sheet for details.					
1010							continue drilling						
1011 5-51	660	31/34	19		dense	br. gy.	c. to v.c. sand with clayey + clay inclusions (var.)	recent borehole EWR=32	0.0	0.0	0		SP
@ 1033	662	47/57	24		hard		tr. f. gravel + or br. Fe-oxide cemented sand	5" clay/sand/					
							lt. gy./dk. gy./br. gy. → 9"	gravel lay.					
						wdk. gy./br.	10" v. dense clay to sandy clay (laminated)						OH/CH
						gy.							CL
HP81 @	662							1210-collect sample BP-VPB-					
1055	663							77-662663. See sample log sheet					
								for details.					
1214							continue drilling	v. slow, smooth drilling since					
1216 1221	663						stop; recirculate mud; bit plugged up → water flowing	660 PT (865). Driller reports					
							out top of rods.	"dense, clay-like" drilling					
1224 1235	667							recent borehole					
1240 5-52	670	32/34	24		hard to dense	dk. gy.	1" dense clay	old potable water recent borehole	0.0	0.0	0.0	0.0	OH/CH
@ 1254	672	32/31	24		dense to hard	gy.	20" silty f. to m. sand tr. thin clay interbeds (dk. gy.)	slight chatter at bit at 669'					SM
						dk. gy. gy.	3" dense clay to sandy clay	tan. mottl. comp. in shoe					OH/CH
													CL

* 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 X Well I.D. #: _____

BORING LOG

Tetra Tech NUS, Inc.

SP 06-27-00

PROJECT NAME: NWIRP Bethpage - CTO 0206
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Failing 1500
DRILLING RIG: Uni-Tech Drilling Co., Inc.
BORING NUMBER: ~~F~~ VPB-77
DATE: 06-27-00 / 06-28-00
GEOLOGIST: S. Pelopka
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
HP62 @	672							1430- collect sample BP-VPB-					
1312	673							77-672673. See sample log					
1432							continue drilling	Sheet for details. smooth drilling					
								b/w 670'-675'					
1434 S-53	675	32/47	15		hard / dense	dk gy. gy.	interbedded dense clay / silty f. to m. sand / sandy	recond. borehole + de-sand mud	0.0	0.0	0.0	0.0	OH/CH
@ 1447	677	51/65	24		hard / v. dense		clay tr. lignite near top of sample (bk.)	fm. mat'l comp. in shoe					CL/SM
								smooth drilling					
1507							continue drilling	b/w 675' to 680'					
1507 S-54	680	31/25	14		m. dense	var.	silty / clayey f. to m. sand with 0.25" clay interbed	recond borehole	0.0	0.0	0.0	0.0	SM/SC
@ 1528	682	36/41	24		dense		sand near top of sample appears cleaner + coarser (m. to c.), sm. fines mostly	~5" dk gy clay log.					CH/SP
							H. gy. w/ or br. / bk. / dk. gy. / pk / mottling						
							H. br.						
HP63 @	682							1650- collect sample BP-VPB-					
1542	683							77-682683. See sample log sheet					
06-27								for details					
06-28 0818							continue drilling						
0821 0828	685						lose mud to fm., add pot. water	thick mud					
0841 S-55	690	18/19	8		m. dense	dk gy. H. br.	1" sandy clay / clayey sand / clay → poss. log	recond. borehole	0.0	BG	BG	BG	CH/CL
@ 0856	692	17/21	24		m. dense	gy.							SC
						br. gy. H. br.	7" c. to v.c. sand + sm. 1/8" to 1/4" w.r. qtz.						SP
						or. br.	gravel						
HP64 @	693						no sample collected, HP screen coated with clayey sand, only						
0927	694						~30 mL of groundwater in HP after 1 HR.						

* When rock coring, enter rock brokeness.

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

Remarks: Background PID on 06-28-00 = 0.1 ppm.
0900 → PID at 0.0 ppm.

Drilling Area Background (ppm): 0.0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-28-00 / 06-29-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole	Driller BZ	USCS*
1043							continue drilling						
1045 5-56	700	19/29	24		m. dense	lt. gy. lt. yel.	f. to mostly m. sand, sm. fines (laminated over	recond. borehole	0.0	0.0	0.0	0.0	SP
@ 1103	702	30/32	24		dense	lt. br. wt.	bottom 1/2 of sample)	sandy clay / clay log at					
								top of sample					
								fm. mat'l comp. in shoe					
								EOR=34					
HP65 @	702.5							1245 - collect sample BP-VPB-					
1120	703.5							77-672673. See sample log sheet					
								for details					
1251							continue drilling	slow drilling minimal chatter					
1256 5-57	710	46/100	8.5		dense to v. dense	br. gy.	1" m. to c. sand SP 06-28-00	recond. borehole	0.0	0.0	0.0	0.0	SP
@ 1344	712	over 5" / –	24		—	var.	7.5" m. to v.c. sand + 1/16" to 1/4" ø w.r.	fm. mat'l comp in shoe					SP
						silty	qtz. gravel, sm. fines + clayey (wt.) inclusions						SC
							wt. lt. br. / lt. gy. / or. br.						
HP66 @	711						fm. v. dense, have difficulty driving split spoon +	1510 - collect sample BP-VPB-					
1401	712						hydropunch.	77-711712. See sample log					
06-28								sheet for details.					
06-29 0817							continue 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 X Well I.D. #: _____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co. Inc
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-29-00
GEOLOGIST: S. Pelepka
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
0923 S-58	720	30/30	17		m. dense	H.gy. H.br.	0.25" to 1" ø w.r. qtz gravel, sm m. to v.c.	recond. borehole	-	0.0	0.0	0.0	GP
@ 0939	722	100/over 3"	24		v. dense	br. wt.	sand over bottom 3", tr. wt. clay + clayey/silty inclusions	Eqn: 35 ~~40~~					
HP67 @ 1117	721.5 722.5							1230-collect sample BP-VPB-77-721722. See sample log sheet for details.					
1233							continue drilling						
1236 HP68 @ 1303	726 727							1420-collect sample BP-VPB-77-726727. See sample Log Sheet for details	-	0.0	0.0	0.0	—
1421							continue drilling						
1424 S-59	730	18/63	15		m. dense to v. dense	H.or. wt.	5" c. to v.c. sand + 1/2" to 1/4" w.r. to s.r. qtz.	recond. borehole	0.0	0.0	0.0	0.0	SP
@ 1450	732	100/over 2"	24		v. dense	H.gy.	gravel	10" 0.5" to 1" ø w.r. to s.r. qtz. gravel lag					
1505							continue drilling	driller reports clay-like drilling b/w 734'-738'					
1511 S-60	740	25/28	12		v. stiff / m. dense	buff wt.	3" gravelly to sandy clay + clay → lag?	recond. borehole	0.0	0.0	0.0	0.0	CH/CL
@ 1552	742	39/43	24		dense	buff wt. H.br.	9" m. to c. sand, sm. fines	sm. rd. + wt. clay in mud returns					SP
								1528-add pot. water + thicken mud					
								1532-recond borehole #					

* When rock coring, enter rock brokeness.

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

Remarks: # settling / caving appears to have taken place over bottom 10 ft of borehole → had difficulty lowering rods (not refused)

Drilling Area Background (ppm): 0.0

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

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage CTO 0206
PROJECT NUMBER: N0565.0206
DRILLING COMPANY: Uni-Tech Drilling Co. Inc.
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-29-00 / 06-30-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
HP64 @	743							1702-collect sample BP-VPB-					
1607	744							77-743744 See sample log sheet					
1704							continue drilling	for details.					
		SD 06-29-00											
1708 S-61	750	50/100	11		dense / hard to	br. gy. Hgy	1" m. to c. sand + gravel (~1" ø wr. qtz. gravel)	record borehole	0.0	0.0	0.0	0.0	SP
@ 1731	752	- / -	24		v. dense	buff wt.	3.5" gravelly to sandy clay + clay						SH/CL
						lt. gy.							
						var.	6.5" m. to c. sand						SP
							br. gy. / buff → wt. lor.						
HP70 @	751							insufficient sample volume					
1744	752							in HP. sandy clay on HP screen					
06-29													
06-30													
HP71 @	751.5							no groundwater in hydropunch →					
0833	752.5							screen appears to have not opened					
								fully.					
0953							continue drilling	driller reports poss. "clay-like"					
								drilling at ~757'					
0958 S-62	760	16/30	0				trap broken → lt. gy sticky clay on spoon	record borehole	-	0.0	0.0	0.0	-
@ 1023	762	32/53	24				exterior / tr. lt. gy sticky clay inside spoon	EOR = 37					
							make second attempt to	wt. lor. sandy clay in mud					
							retrieve sample at same depth → unsuccessful. (S-63)	returns					
							trap missing. Will drill 5 FT and attempt to collect						
							another split spoon sample.						

* 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 X Well I.D. #: _____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0206
PROJECT NUMBER: N0505 0206
DRILLING COMPANY: Uni-Tech Drilling Co. Inc
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-30-00
GEOLOGIST: S. Pekala
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	Remarks	PID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1057							continue drilling						
? S-64	765	21/28	24			gy.	2" dense clay + w.r. qtz gravel → log?	return. borehole	0.0	0.0	0.0	0.0	CL
@ 1116	767	32/39	24			wt. v.H.	22" clayey/silty f. sand to sm. silty f. sandy clay	do not collect HP → fm.					ML/CL
						gy.	tr. or.-br. mottling	impermeable					
1135							continue drilling	sample drilling continues to 770:					
							f. to						
1137 S-65	770	27/28	7			Hgy.	mostly m. sand, tr. H.br. mottling	return. borehole	0.0	0.0	0.0	0.0	SP
@ 1158	772	29/36	24			br.gy.		~ 1" sandy clay + gravel lay					
								+ SP 06-30-00					
HP72 @	772							1340 collect sample BP-VPB-77-772772					
1229	773							See sample log sheet for details.					
								but continue					
1346							continue drilling	from 770 FT to 780 FT					
1349 S-66	780	@ 32	8		v. dense stiff to dense	Hgy. gy.	1" c. sand + 1/4" gravel with gy. clay interbed (~1/4")	return. borehole	0.0	0.0	0.0	0.0	SP/CH
@ 1410	782	100 / —	24		v. dense	H.gy. M.gy.	3" c. to v.c. sand + 1/2" to 1/4" ϕ w.r. qtz. gravel	dense, moist, compact lenses					SP
						H.br. lt.	4" c. to v.c. sand + 1/2" to 1/4" ϕ 1/2" ϕ gravel + sm. clayey	sandy clay +					SP/SC
							inclusions	feldspar remarks sand lay at					
HP78 @	781.5							top of spoon					
1430	782.5												

* 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: N0565.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-77
DATE: 06-30-00
GEOLOGIST: S. Pelepko
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	Remarks	PID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	USCS*
1524							continue drilling	1422 - collect sample RP-VPB-77-781702. See sample log sheet for details.					
1527 / S-67	790	32 / 100	1			H.gy.	clay/sandy clay/gravel → * sample appears to be entirely lag.	recond borehole. 1535 - well flowing at rod break → thicken mud + recond. borehole	0.0	0.0	0.0	0.0	CH/GL
@ 1553	792	— / —	24										GP
1605							continue drilling	but still chattering → not losing much mud to fm. though.					
1607 / S-68	800	46 / 63	9.5		dense to v. dense	wt. H.gy.	mostly m. sand	recond. borehole	0.0	0.0	0.0	[illegible]	?
@ 1626	802	100 / over 3"	24		v. dense	lt. H.gy		0.5" sandy clay + gravel lag.					
1638							continue drilling						
1642 / S-69	810	46 / 100	8		dense to v. dense	br.gy. to	m. to c. sand with H. gy. ~~clayey~~ clay inclusion	recond borehole	0.0	0.0	0.0	0.0	SP
@ 1714	812	over 4" / —	24			H.br.	near bottom of sample SP 06-30-00						
				End of Magothy Fm.				smoother; slower drilling at 817'					
1732				---?---			continue drilling						
				817 FT									
1736 / S-70	820	12 / 24	0	Top of Raritan Fm.			no sample recovery; residual sandy clay in spoon →	recond. borehole	—	0.0	0.0	0.0	—
@ 1758	822	26 / 34	24				trap broken, will attempt to drive second spoon at same depth interval.						
							no sample recovery in second split-spoon						
1822							continue 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 X Well I.D. #: ____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME: NWIRP Bethpage - CTO 0208
PROJECT NUMBER: NUS 65.0200
DRILLING COMPANY: Uni-Tech Drilling Co., Inc.
DRILLING RIG: Failing 1500

BORING NUMBER: VPB-77
DATE: 06-30-00
GEOLOGIST: S. Pekpko
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	Remarks	PID Reading (ppm)				USCS *
1828 S-72 @ 1844	830	18 / -	0				no sample recovery, drill-attempted to only drive	record borehole		0.0	0.0	0.0	
	832	- / -	24				spoon 6" so formational material in split-spoon	smooth "clay-like" drilling blue					
							would weigh less and be less likely to slide out	820'-830' → 2 poss. thin					
							(trap broken).	sand lenses near top of					
							will attempt second spoon at interval.	interval → brief chattering					
S-73 @ 1906	830	- / 15	0	TD=830 FT			no sample recovery →						
	832	17 / 25	24				sm. residual sandy clay/ clayey sand in split						
							spoon						

* 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 X Well I.D. #: ____

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-77-053054
Sample Location: VPB-77
Sampled By: S. Pekeko
C.O.C. No.: BP-VPB-001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-07-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1600	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	V. Murky brn	8.41	1.07	20.1	>994 *	5.42	—	—

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1532
- Sample depth (screen interval) = 53 FT - 54 FT (BGS)
- Screen exposed to formation for 21 minutes.
- Depth of borehole prior to advancing hydropunch = 50 FT (BGS)
- Salinity = 0.04 %

* Turbidity estimated via visual assessment → sample opaque

Circle if Applicable: MS/MSD

Duplicate ID No.:

Signature(s):

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-77-103104
Sample Location: VPB-77
Sampled By: S. Pekeplo
C.O.C. No.: BP-VPB-001
Type of Sample:
[■] 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: 06-08-00								
Time: 1049								
Method: Hydropunch	Y. Clear brn.	7.32	1.32	19.9	>999 *	4.27	—	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date:								
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	(2) 40 mL glass vials	✓
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1021.
- Sample depth (screen interval) = 102.5 FT to 103.5 FT (BGS).
- Screen exposed to formation for 20 minutes.
- Depth of borehole prior to advancing hydropunch = 100 FT (BGS).
- Salinity = 0.06 % * Turbidity estimated via visual assessment → sample opaque

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Scott Pekeplo

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-77-153/154
Sample Location: VPB-77
Sampled By: S. Pekoto
C.O.C. No.: BP-VPB-002
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-08-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1305	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	v. cloudy brn	6.80	0.645	19.8	7999 *	2.72	—	—

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 (SW846 9260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1141.
- Sample depth (screen interval) = 153 FT to 154 FT (BGS)
- Screen exposed to formation for 74 minutes.
- Depth of borehole prior to advancing hydropunch = 150 FT (BGS).
- Salinity = 0.02 % *Turbidity estimates via visual assessment - sample opaque.

Circle If Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

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-77-203204
Sample Location: VPB-77
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-002
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-08-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1435								
Method: Hydropunch	v. cloudy brn.	6.94	0.561	20.2	>999 *	4.07	—	—

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	(2) 40 ml glass vials	✓
(SW846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1401.
- Sample depth (screen interval) = 203 FT to 204 FT (BGS).
- Screen exposed to formation for 30 minutes.
- Depth of borehole prior to advancing hydropunch = 200 FT (BGS).
- Salinity = 0.02 % *Turbidity estimated via visual assessment - sample opaque.

Circle If Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

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-77-213214
Sample Location: VPB-77
Sampled By: S. Pekeko
C.O.C. No.: BP-VPB-002
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-08-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1525	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	v cloudy brn.	6.96	0.535	20.2	>999 *	1.12	—	—

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1500.
- Sample depth (screen interval) = 213 FT to 214 FT (BGS).
- Screen exposed to formation for 20 minutes.
- Depth of borehole prior to advancing hydropunch = 210 FT (BGS).
- Salinity = 0.02% * Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-77-224225
Sample Location: VPB-77
Sampled By: S. Pekeplo
C.O.C. No.: BP-VPB-002
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-08-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1649								
Method: Hydropunch	~ 1 Hour 6pm	6.33	0.321	18.4	>999 *	1.12	—	—

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1631.
- Sample depth (screen interval) = 224 FT to 225 FT (BGS)
- Screen exposed to formation for 13 minutes.
- Depth of borehole prior to advancing hydropunch = 220 FT (BGS).
- Sal. = 0.01 % * Turbidity estimated via visual assessment → sample opaque.

Circle If Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

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-77-233234
Sample Location: VPB-77
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-002
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 08-09-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 0949	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	V. Turbid Br.-gy.	6.12	0.544	20.1	>999 *	—	—	—

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 (SW 846 8260B)	4° C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0919.
- Sample depth (screen interval) = 233 FT to 234 FT (BGS).
- Screen exposed to formation for 25 minutes.
- Depth of borehole prior to advancing hydropunch = 230 FT (BGS).
- Sal. = 0.02% * Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

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-77-243244
Sample Location: VPB-77
Sampled By: S. Pekepko
C.O.C. No.: BP-VPB-002
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-09-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1120								
Method: Hydropunch	v. cloudy br. gray	6.31	0.458	21.0	>499+	2.62	—	—

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 (SW846 9260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1040.
- Sample depth (screen interval) = 243 FT to 244 FT (BGS).
- Screen exposed to formation for 36 minutes.
- Depth of borehole prior to advancing hydropunch = 240 FT (BGS).
- Sal. = 0.01 % + Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

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: Blind Field Duplicate

Sample ID No.: BP-VPB-77-254255
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-003
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-12-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1305	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	cloudy br.-gy.	5.82	0.259	16.2	>999	1.73	—	—

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	(4) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1215
- Sample depth (screen interval) = 254 FT - 255 FT (BGS)
- Screen exposed to formation for 45 minutes.
- Depth of borehole prior to advancing hydropunch = 250 FT (BGS)
- Sal. = 0.01 %

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	Assigned Time = 0000 BP-VPB-77-256257	[signature]

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-77-264265
Sample Location: VPB-77
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-003
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-12-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1450								
Method: Hydropunch	V. cloudy w/ gas	—	—	—	—	—	—	—

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at @ 1406.
- Sample depth (screen interval) = 264 FT to 265 FT (BGS)
- Screen exposed to formation for 39 minutes.
- Depth of borehole prior to advancing hydropunch = 260 FT (BGS

Insufficient volume available to measure water quality parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-77-273274
Sample Location: VPB-77
Sampled By: S. Pokoke
C.O.C. No.: BP-VPB-003
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-12-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1544								
Method: Hydropunch	v. cloudy dk. gray	5.53	0.151	16.0	>999*	0.16	—	—

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1518
- Sample depth (screen interval) = 273 FT - 274 FT (BGS)
- Screen exposed to formation for 22 minutes.
- Depth of borehole prior to advancing hydropunch = 270 FT (BGS)

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

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-77-283-284
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-003
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-12-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1635								
Method: Hydropunch	v. cloudy DK. gray	6.54	0.103	15.7	>999 *	0.50	—	—

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	(2) 40 mL glass vials	✓
(SW 846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1611.
- Sample depth (screen interval) = 283 FT to 284 FT (BGS).
- Screen exposed to formation for 22 minutes.
- Depth of borehole prior to advancing hydropunch = 280 FT (BGS)
- Sal. = 0.04 *Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-77-292-293
Sample Location: VPB-77
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-003
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA:

Date: 06-13-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 0925	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	V. cloudy slt. gray	5.76	0.444	15.2	>999 *	0.86	—	—

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0852.
- Sample depth (screen interval) = 292 FT - 293 FT (BGS)
- Screen exposed to formation for 29 minutes.
- Depth of borehole prior to advancing hydropunch = 290 FT (BGS)
- Sal. = 0.01 % * Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

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

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-77-301302
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-003
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-13-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1024								
Method: Hydropunch	v. cloudy dk. gy.	5.72	0.407	15.1	>999 *	0.64	—	—

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 (SW846 9260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0958.
- Sample depth (screen interval) = 301.5 FT to 302 FT (BGS).
- Screen exposed to formation for 21 minutes.
- Depth of borehole prior to advancing hydropunch = 300 FT (BGS).
- Sal. = 0.01 * Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	[signature]
—	—	

Note: Hydropunch will screen broke → sample has very high % of suspended solids.

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-77-312313
Sample Location: VPB-77
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-003
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-13-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1118	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	Orange 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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1051.
- Sample depth (screen interval) = 312 FT to 313 FT (BGS).
- Screen exposed to formation for 23 minutes.
- Depth of borehole prior to advancing hydropunch = 310 FT (BGS).
- Insufficient sample volume to measure water quality parameters.

Circle if Applicable:

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

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-77-322323
Sample Location: VPB-77
Sampled By: S. Pokepko
C.O.C. No.: BP-VPB-004
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-13-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1250								
Method: Hydropunch	Without det. agt.	6.13	0.687	15.9	>999+	0.22	—	—

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1145.
- Sample depth (screen interval) = 322 FT to 323 FT (BGS).
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 320 FT (BGS).
- Sol: 0.02 Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD —

Duplicate ID No.:

Signature(s):

Note: Hydropunch well screen broke; sample very turbid with high % of suspended solids.

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-77-333334
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP.VPB-004
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 05-13-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: SP 1345	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	v. cloudy dk. yy.	6.27	0.478	15.9	>999*	0.00	—	—

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	(2) 40 ml glass vials	✓
(SW846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1320.
- Sample depth (screen interval) = 333 FT to 334 FT (BGS).
- Screen exposed to formation for 21 minutes.
- Depth of borehole prior to advancing hydropunch = 330 FT (BGS)
- Hydropunch well screen broke → high % of suspended solids in sample.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	[signature]
—		

* Turbidity estimated via visual assessment → sample opaque.

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-77-343344
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-004
Type of Sample:
[] 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: 06-13-00								
Time: 1450								
Method: Hydropunch	Cloudy dk. gry.	6.05	0.309	15.4	>999*	0.27	—	Sal = 0.01

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 (SW846 9260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1548.
- Sample depth (screen interval) = 343 FT - 344 FT (BGS).
- Screen exposed to formation for 23 minutes.
- Depth of borehole prior to advancing hydropunch = 340 FT (BGS).
- Hydropunch well screen broke; high % of suspended solids in sample.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

* Turbidity estimated via visual assessment → sample opaque.

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-77-354355
Sample Location: VPB-77
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-004
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-13-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1657								
Method: Hydropunch	V. Cloudy BG-44.	—	—	—	—	—	—	—

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	(2) 40 ml glass vials	✓
(SW 846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth on screen exposed at 1624.
- Sample depth (screen interval) = 354 FT - 355 FT (BGS)
- Screen exposed to formation for 28 minutes.
- Depth of borehole prior to advancing hydropunch = 350 FT (BGS).
- Insufficient sample volume to measure water quality parameters.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

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: Blind Field Duplicate

Sample ID No.: BP-VPB-77-362363
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-004
Type of Sample:
[] 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: 06-14-00								
Time: 1030								
Method: Hydropunch	v. cloudy dk. gy.	6.07	0.499	16.3	>999 *	0.43	—	—

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 (SW846 9260B)	4°C	(4) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0955.
- Sample depth (screen interval) = 362 FT to 363 FT (BGS).
- Screen exposed to formation for 19 minutes.
- Depth of borehole prior to advancing hydropunch = 360 FT (BGS).
- Sal = 0.02%. * Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD: —

Duplicate ID No.: BP-VPB-77-368370 Assigned Time = 0000

Signature(s): [signature]

Hydropunch well screen broke → high % of suspended solids in sample. Wait 10 minutes for settlement prior to sampling → no detectable difference in sample quality.

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-77-372373
Sample Location: VPB-77
Sampled By: S. Pekeko
C.O.C. No.: BP-VPB-004
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-14-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1148								
Method: Hydropunch	Cloudy dk. gray	—	—	—	—	—	—	—

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 (SW 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 112.
- Sample depth (screen interval) = 372.5 FT to 373.5 FT (BGS)
- Screen exposed to formation for 27 minutes.
- Depth of borehole prior to advancing hydropunch = 370 FT (BGS)
- Insufficient sample volume available to measure water quality parameters.

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s):

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-77-383384
Sample Location: VPB-77
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-004
Type of Sample:
[■] 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: 06-14-00								
Time: 1300								
Method: Hydropunch	cloudy gray	5.93	0.288	15.5	>999 *	1.44	—	Sal. = 0.01

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	(2) 40 mL glass vials	✓
(SW 846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1230.
- Sample depth (screen interval) = 383 FT to 384 FT (BGS).
- Screen exposed to formation for 24 minutes.
- Depth of borehole prior to advancing hydropunch = 360 FT (BGS).
- *Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-77-392393
Sample Location: VPB-77
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-04
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-14-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1358								
Method: Hydropunch	visually clear	—	—	—	—	—	—	—

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1326.
- Sample depth (screen interval) = 392 FT (BGS) to 393 FT (BGS)
- Screen exposed to formation for 22 minutes.
- Depth of borehole prior to advancing hydropunch = 390 FT (BGS)
- Insufficient sample volume available for measuring water quality parameters.

Circle if Applicable:

MS/MSD: —

Duplicate ID No.:

Signature(s):

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-77-403404
Sample Location: VPB-77
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-005
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-14-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1500								
Method: Hydropunch	visually clear	—	—	—	—	—	—	—

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1425.
- Sample depth (screen interval) = 403 FT to 404 FT (BGS).
- Screen exposed to formation for 30 minutes.
- Depth of borehole prior to advancing hydropunch = 400 FT (BGS)
- Insufficient sample volume available to measure water quality parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-77-413414
Sample Location: VPB-77
Sampled By: S. Pokopko
C.O.C. No.: BP-VPB-005
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-14-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1700								
Method: Hydropunch	v. cloudy dk. gy.	5.90	—	—	—	—	—	—

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1624.
- Sample depth (screen interval) = 413.5 FT - 414.5 FT (BGS).
- Screen exposed to formation for 30 minutes.
- Depth of borehole prior to advancing hydropunch = 410 FT (BGS).
- Insufficient sample volume available to measure water quality parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-77-423424
Sample Location: VPB-77
Sampled By: S. Pekoto
C.O.C. No.: BP-VPB-005
Type of Sample:
[■] 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: 06-15-00								
Time: 1002								
Method: Hydropunch	cloudy brown	6.39	0.773	16.6	>999 *	0.60	—	Sal=0.03

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0930.
- Sample depth (screen interval) = 423 FT to 424 FT (BGS).
- Screen exposed to formation for 25 minutes.
- Depth of borehole prior to advancing hydropunch = 420 FT (BGS)
- Hydropunch well screen broke; high % of suspended solids in sample.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

* Turbidity estimated via visual assessment → sample opaque.

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: Blind Field Duplicate

Sample ID No.: BP-VPB-77-432433
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-005
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-15-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1114	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	v. cloudy dk. gy.	6.70	0.801	16.2	>999 #	0.20	—	Sal=0.03

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	(4) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1049.
- Sample depth (screen interval) = 432.5 FT to 433.5 FT (BGS).
- Screen exposed to formation for 20 minutes.
- Depth of borehole prior to advancing hydropunch = 430 FT (BGS).
- Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.: Assigned Time: 0000	[signature]
—	BP-VPB-77-438440	

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-77-443444
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-005
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-15-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1333								
Method: Hydropunch	v. cloudy dk. gy.	6.59	0.354	22.1	>999*	0.09	—	Sal.=0.01

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	(2) 40 mL glass vials	✓
(SW846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at ~~1449~~ 1308. SP 06-15-00
- Sample depth (screen interval) = 443.5 FT - 444.5 FT (BGS).
- Screen exposed to formation for 20 minutes.
- Depth of borehole prior to advancing hydropunch = 440 FT (BGS).
- Hydropunch screen broken. *Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	[signature]
—		

Temp. poss. increasing as a function of increasing air temp.

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-77-452453
Sample Location: VPB-77
Sampled By: S. Pokoko
C.O.C. No.: BP-VPB-005
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-15-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1435	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	V. cloudy dk. gry.	5.92	0.237	—	>999 *	—	—	—

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth on screen exposed at 1405.
- Sample depth (screen interval) = 452 FT to 453 FT (BGS).
- Screen exposed to formation for 25 minutes.
- Depth of borehole prior to advancing hydropunch = 450 FT (BGS).
- Insufficient sample volume to measure all water quality parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	—	[signature]

* Turbidity estimated via visual assessment → sample opaque.

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-77-463464
Sample Location: VPB-77
Sampled By: S. Petepto
C.O.C. No.: BP-VPB-005
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-15-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1544								
Method: Hydropunch	v. cloudy dk. gry.	6.72	0.549	19.7	>999*	0.04	—	Sal.=0.02

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1516.
- Sample depth (screen interval) = 463 FT to 464 FT (BGS).
- Screen exposed to formation for 34 minutes.
- Depth of borehole prior to advancing hydropunch = 460 FT (BGS).

*Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	[signature]
—	—	

Temp poss. increasing as a function of increasing air temp.

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-77-472473
Sample Location: VPB-77
Sampled By: S. Pokopko
C.O.C. No.: BP-VPB-005
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-15-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1652								
Method: Hydropunch	Cloudy 06.07.99	6.72	—	—	>999 *	—	—	—

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1616.
- Sample depth (screen interval) = 472.5 ft to 473 FT (BGS).
- Screen exposed to formation for 30 minutes.
- Depth of borehole prior to advancing hydropunch = 470 FT (BGS).
- Insufficient sample volume to measure all water quality parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

* Turbidity estimated via visual assessment → sample gauge.

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-77-482483
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-005
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-16-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 0915								
Method: Hydropunch	cloudy br. grey	6.63	0.547	17.1	>999*	0.22	—	Sal=0.02

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0850.
- Sample depth (screen interval) = 482 FT to 482.5 FT (BGS).
- Screen exposed to formation for 21 minutes.
- Depth of borehole prior to advancing hydropunch = 480 FT (BGS).

*Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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-77-501502
Sample Location: VPB-77
Sampled By: S. Pekepko
C.O.C. No.: BP-VPB-006
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 08-20-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1128								
Method: Hydropunch	visibly opaque	—	—	—	>999*	—	—	—

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1050.
- Sample depth (screen interval) = 501 FT to 502 FT (BGS).
- Screen exposed to formation for 30 minutes.
- Depth of borehole prior to advancing hydropunch = 500 FT (BGS).
- Insufficient sample volume available to measure water quality parameters.

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

* Turbidity estimated via visual assessment - sample opaque.

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-77-512513
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-006
Type of Sample:
[] 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: 06-20-00								
Time: 1238								
Method: Hydropunch	V. cloudy gy. or.	6.70	1.43	20.8	>999 *	1.09	—	Sal = 0.06

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date:								
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 (SW846 9260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1158.
- Sample depth (screen interval) = 512.5 FT to 513.5 FT (BGS).
- Screen exposed to formation for 34 minutes.
- Depth of borehole prior to advancing hydropunch = 510 FT (BGS).
- * Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—		[signature]

Sample bottleware filled directly from hydropunch.

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-77-523524
Sample Location: VPB-77
Sampled By: S. Petrak
C.O.C. No.: BP-VPB-006
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-20-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1410	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	v. cloudy opaque	—	—	—	>999 *	—	—	—

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 (SW846 8260B)	4°C	(1) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1342.
- Sample depth (screen interval) = 523 FT to 524 FT (BGS).
- Screen exposed to formation for 20 minutes.
- Depth of borehole prior to advancing hydropunch = 520 FT (BGS).
- Insufficient sample volume to fill second bottle or measure water quality parameters

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

* Turbidity estimated via visual assessment → sample opaque.

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-77-533534
Sample Location: VPB-77
Sampled By: S. Pekepko
C.O.C. No.: BP-VPB-006
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-20-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1645	(Cloudy, gy)	—	—	—	>999 *	—	—	—
Method: Hydropunch								

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 (SW846 8260B)	4°C	(1) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1559.
- Sample depth (screen interval) = 533 FT to 534 FT (BGS).
- Screen exposed to formation for 41 minutes.
- Depth of borehole prior to advancing hydropunch = 530 FT (BGS).

*Turbidity estimates via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

Insufficient sample volume to measure water quality parameters or collect second VOA vial. Sample bottleware filled directly from hydropunch.

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
[x] QA Sample Type: Blind Duplicate

Sample ID No.: BP-VPB-77-543544
Sample Location: VPB-77
Sampled By: S. Petepko
C.O.C. No.: BP-VPB-006
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-21-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1205								
Method: Hydropunch	Tan H. 94.	6.33	0.334	21.4	>999 *	0.54	—	Sal.=0.01

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	(4) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1158.
- Sample depth (screen interval) = 543 FT to 544 FT (BGS).
- Screen exposed to formation for 62 minutes.
- Depth of borehole prior to advancing hydropunch = 540 FT (BGS)

* Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.: Assigned Time: 0000	
—	BP-VPB-77-538540	

Sample bottleware filled directly from hydropunch.

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-77-552/553
Sample Location: VPB-77
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-007
Type of Sample:
[■] 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: 06-21-00								
Time: 1420								
Method: Hydropunch	v. murky br. gr.	6.76	0.720	19.4	>999 *	0	—	Sal: 0.03

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 (SW 846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1303.
- Sample depth (screen interval) = 552 FT to 553 FT (BGS).
- Screen exposed to formation for 70 minutes.
- Depth of borehole prior to advancing hydropunch = 550 FT (BGS).

* Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Sample bottleware filled directly from hydropunch.

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-77-562563
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-007
Type of Sample:
[■] 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: 06-21-00								
Time: 1725								
Method: Hydropunch	v. cloudy br.	6.41	0.596	—	>999 *	0.07	—	Sal. = 0.01

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 (SW846 8260B)	4°C	(1) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1624.
- Sample depth (screen interval) = 562 FT to 563 FT (BGS).
- Screen exposed to formation for 54 minutes.
- Depth of borehole prior to advancing hydropunch = 560 FT (BGS).
- Insufficient sample volume to fill (2) 40 mL glass vials or measure all parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

* Turbidity estimated via visual assessment → sample opaque.
Sample bottles are filled directly from hydropunch

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-77-573574
Sample Location: VPB-77
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-007
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-22-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1010	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	v. turb. gy.-br.	6.40	0.329	20.2	3999 *	0.00	—	Sal. = 0.01

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0920.
- Sample depth (screen interval) = 573 FT to 574 FT (BGS).
- Screen exposed to formation for 50 minutes.
- Depth of borehole prior to advancing hydropunch = 570 FT (BGS).

* Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s):

Sample bottleware filled directly from hydropunch.

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-77-563564
Sample Location: VPB-77
Sampled By: S. Pekoko
C.O.C. No.: BP-VPB-007
Type of Sample:
[■] 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: 06-22-00								
Time: 1150								
Method: Hydropunch	Visibility H. Sy.	6.34	0.172	20.7	>999*	0.78	—	Sal.=0.00

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1100.
- Sample depth (screen interval) = 563 FT to 564 FT (BGS).
- Screen exposed to formation for 41 minutes.
- Depth of borehole prior to advancing hydropunch = 580 FT (BGS).

* Turbidity estimated via visual assessment → sample opaque.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Seth Pekoko

Sample bottleware filled directly from hydropunch

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-77-592543
Sample Location: VPB-77
Sampled By: S. Pekeko
C.O.C. No.: BP-VPB-007
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-22-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1335	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	V. cloudy w/ ppt.	5.99	—	—	>999*	—	—	—

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1230.
- Sample depth (screen interval) = 592.5 FT to 593.5 FT (BGS).
- Screen exposed to formation for 62 minutes.
- Depth of borehole prior to advancing hydropunch = 590 FT (BGS).
- Insufficient sample volume available to measure water quality parameters

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s):

* Turbidity estimated via visual assessment → sample opaque.

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-77-692603
Sample Location: VPB-77
Sampled By: S. Pekepko
C.O.C. No.: BP-VPB-007
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-22-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1635	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	v. cloudy H. gray	6.00	—	—	>9999 *	—	—	—

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1530.
- Sample depth (screen interval) = 602.5 FT to 603.5 FT (BGS).
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 600 FT (BGS).
- Insufficient sample volume available to measure water quality parameters.

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

* Turbidity estimated via visual assessment → sample opaque.
Sample bottles are filled directly from hydropunch

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-77-613614
Sample Location: VPB-77
Sampled By: Don Whalen
C.O.C. No.: BP-VPB-007
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-23-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1130	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	lt. gray	6.11	0.331	17.6	>999*	0.21	—	—

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 (SW846 8260B)	4°C	(2) 40 mL glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at ~~0831~~ 1018
- Sample depth (screen interval) = 613' to 614' (BGS)
- Screen exposed to formation for minutes.
- Depth of borehole prior to advancing hydropunch = 610' (BGS)
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Donald Whalen

* Turbidity estimates via visual assessment.

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-77-(2)622
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-008
Type of Sample:
[■] 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: 06-26-00								
Time: 1235								
Method: Hydropunch	v. turbidity H. br.	7.26	0.345	22.2	>999 *	0.00	—	Sal=0.01

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1126.
- Sample depth (screen interval) = 621.5 FT to 622.5 FT (BGS).
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 620 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

* ~~Sam~~ Turbidity estimated via visual assessment → sample opaque.

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-77-631632
Sample Location: VPB-77
Sampled By: S. Pekoke
C.O.C. No.: BP-VPB-008
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-26-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1430								
Method: Hydropunch	w/ turbidity 94.	5.40	0.408	—	>999 *	—	—	—

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1316.
- Sample depth (screen interval) = 631 FT to 632 FT (BGS).
- Screen exposed to formation for 67 minutes.
- Depth of borehole prior to advancing hydropunch = 630 FT (BGS).
- Sample bottleware filled directly from hydropunch.

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

Insufficient sample volume available to measure all water quality parameters.

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: Blind Field Duplicate

Sample ID No.: BP-VPB-77-641642
Sample Location: VPB-77
Sampled By: S. Pekoke
C.O.C. No.: BP-VPB-005
Type of Sample:
[■] 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:								
Time:								
Method: Hydropunch	Cloudy H.O.	6.60	0.182	23.7	>999*	0.22	—	Sal.=0.00

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	(4) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1514.
- Sample depth (screen interval) = 641 FT to 642 FT (BGS).
- Screen exposed to formation for 63 minutes.
- Depth of borehole prior to advancing hydropunch = 640 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB-77-645647

Assigned Time = 0000

Signature(s): Scott [illegible]

* Turbidity estimated via visual assessment → sample opaque.

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-77-652653
Sample Location: VPB-77
Sampled By: S. Pekepko
C.O.C. No.: BP-VPB-006
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-27-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1005	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	v. cloudy br. gray	—	1.07	20.4	>999*	0.00	—	Sal. = 0.04

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 0857
- Sample depth (screen interval) = 652.5 FT to 653.5 FT (BGS)
- Screen exposed to formation for 63 minutes.
- Depth of borehole prior to advancing hydropunch = 650 FT (BGS).
- Sample bottleware filled directly from hydropunch.

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

pH probe on Horiba U-10 malfunctioning.

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-77-662663
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-009
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-27-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1210								
Method: Hydropunch	v. cloudy dark.	—	0.080	—	>999 *	—	—	—

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1059.
- Sample depth (screen interval) = 662 FT to 663 FT (BGS).
- Screen exposed to formation for 68 minutes.
- Depth of borehole prior to advancing hydropunch = 660 FT (BGS)
- Sample bottleware filled directly from hydropunch.

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

- Insufficient sample volume available to measure all water quality parameters. pH probe malfunctioning.

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-77-672673
Sample Location: VPB-77
Sampled By: S. Pekarko
C.O.C. No.: BP-VPB-009
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-27-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Time: 1430								
Method: Hydropunch	v. cloudy gray	—	0.156	22.1	>999*	0.00	—	Sal.=0.00

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 (SW846 8260B)	4°C	(2) 40 ml glass vials	✓

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth on screen exposed at 1317.
- Sample depth (screen interval) = 672 FT to 673 FT (BGS).
- Screen exposed to formation for 66 minutes.
- Depth of borehole prior to advancing hydropunch = 670 FT (BGS).
- Sample bottleware filled directly from hydropunch.

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

pH probe malfunctioning.

* [illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage-CTO 0208
Project No.: NC565.0200

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

Sample ID No.: BP-VPB-77-682683
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-009
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-27-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1650	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	*	—	0.156	19.0	950	1.35	—	Sal.=0.00

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at ~~16~~ 1545 SP 06-27-00
- Sample depth (screen interval) = 682 FT to 683 FT (BGS).
- Screen exposed to formation for 59 minutes.
- Depth of borehole prior to advancing hydropunch = 680 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	[signature]
—		

* br.gy tint to clouds (br.gy. (H.). → Sample appears to have undergone settling downhole, first slug of water was tinted but not opaque.

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-77-202703
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-009
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-28-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1245	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA (%)
Method: Hydropunch	Cloudy H.Br.	—	0.141	20.8	>999	1.36	—	Sal.=0.00

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1124.
- Sample depth (screen interval) = 702.5 FT to 703.5 FT (BGS).
- Screen exposed to formation for 76 minutes.
- Depth of borehole prior to advancing hydropunch = 700 FT (BGS).
- Sample bottleware filled directly from hydropunch.

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

pH probe malfunctioning.

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-77-711712
Sample Location: VPB-77
Sampled By: S. Pekepko
C.O.C. No.: BP-VPB-009
Type of Sample:
[■] 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: 06-28-00								
Time: 1515								
Method: Hydropunch	v. cloudy w/ ppt.	—	1.38	21.6	>999 *	0.26	—	Sal.=0.06

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1405.
- Sample depth (screen interval) = 711 FT to 712 FT (BGS).
- Screen exposed to formation for 62 minutes.
- Depth of borehole prior to advancing hydropunch = 710 FT (BGS)
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

pH probe malfunctioning.

* Turbidity estimated via visual assessment → sample opaque.

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-77-721722
Sample Location: VPB-77
Sampled By: S. Pekeko
C.O.C. No.: BP-VPB-009
Type of Sample:
[■] 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: 06-29-00								
Time: 1230								
Method: Hydropunch	yellowish br. gray	8.66	1.59	17.2	>999*	6.55	—	Sal: 0.07

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1312.
- Sample depth (screen interval) = 721.5 FT to 722.5 FT (BGS).
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 720 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Scott Pekeko
—	—	

* Turbidity estimated via visual assessment.

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-77-726727
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-010
Type of Sample:
[] 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: 06-29-00								
Time: 1420								
Method: Hydropunch	br. tint to H. br. + cloudy	7.81	0.175	17.8	>499*	0.56	—	Sal.=0.00%

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	(2) 40 ml glass vials	✓
(SW846 9260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1312.
- Sample depth (screen interval) = ~~76~~ 726 FT to 727 FT (BGS). SP 06-29-00
- Screen exposed to formation for 60 minutes.
- Depth of borehole prior to advancing hydropunch = 725 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

* Turbidity of sample much lower than turbidity measured using Horiba → settling of suspended sediments took place downhole in hydropunch.

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-77-743744
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-010
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 06-29-00	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1702	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Hydropunch	V (cloudy br-yy)	8.57	1.13	—	>999 *	—	—	—

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	(2) 40 mL glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1612.
- Sample depth (screen interval) = 743 FT to 744 FT (BGS).
- Screen exposed to formation for 43 minutes.
- Depth of borehole prior to advancing hydropunch = 740 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

* Turbidity estimated via visual assessment; sample opaque.

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-77-772773
Sample Location: VPB-77
Sampled By: S. Pekeko
C.O.C. No.: BP-VPB-010
Type of Sample:
[■] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-30-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1340								
Method: Hydropunch	v. cloudy H.O.	—	0.228	—	>999 *	—	—	—

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	(1) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1234
- Sample depth (screen interval) = 772 FT to 773 FT (BGS).
- Screen exposed to formation for 64 minutes.
- Depth of borehole prior to advancing hydropunch = 770 FT (BGS)
- Sample bottleware filled directly from hydropunch.

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

* Turbidity estimated via visual assessment → sample opaque. Insufficient sample volume available to fill 2 bottles or measure water

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-77-781782
Sample Location: VPB-77
Sampled By: S. Pelepko
C.O.C. No.: BP-VPB-010
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 06-30-00	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: ~~14~~ 1522								
Method: Hydropunch	v. cloudy H. br.	—	—	—	>999*	—	—	—

SP 06-30-00

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	(2) 40 ml glass vials	✓
(SW846 8260B)			

OBSERVATIONS / NOTES:

- Hydropunch advanced to sample depth and screen exposed at 1434.
- Sample depth (screen interval) = 781.5 FT to 792.5 FT (BGS)
- Screen exposed to formation for 42 minutes.
- Depth of borehole prior to advancing hydropunch = 780 FT (BGS).
- Sample bottleware filled directly from hydropunch.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Seth [signature]
—		

* Turbidity estimated via visual assessment → sample opaque.
insufficient sample volume available to measure water quality parameters.

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

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

Sample ID Number: TB-060700
Sampled By: S. Pekarko / S. Neil
C.O.C. Number: BP-VPB-001

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

SAMPLING DATA:

Date: 06-07-00
Time: 0700
Method: Direct Pour

WATER SOURCE:

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

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

Product Name: unknown
Supplier: Eco Test Labs
Manufacturer: unknown
Order Number: unknown
Lot Number: unknown
Expiration Date: unknown

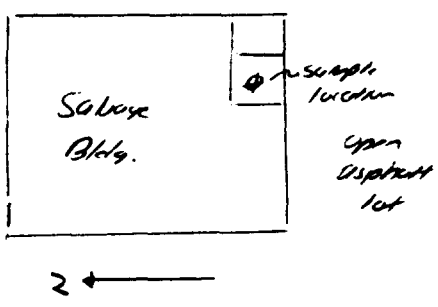
RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
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): [signature] / [signature]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWRP Bethpage
Project Number: N0565.0200
Sample Location: E. of Salvage Bldg.
QA Sample Type:

Sample ID Number: RB-060700
Sampled By: S. Petrak / S. Neil
C.O.C. Number: BP-VPB-001

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

SAMPLING DATA:

Date: 06-07-00
Time: 1834
Method: Direct Pour through hydropunch sampling vessel

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[■] Other Commercial DI Water
[] Tap
[] Fire Hydrant

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

Product Name: RICCA deionized reagent grade
Supplier: TtNUS
Manufacturer: RICCA
Order Number: 9150-5
Lot Number: 1905499
Expiration Date: May 2000

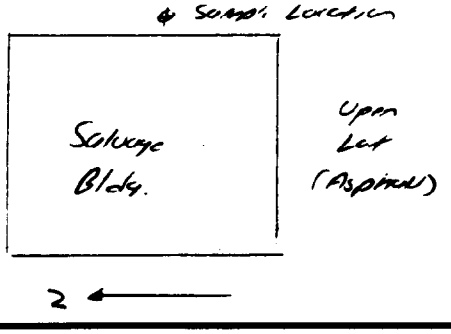
RINSATE INFORMATION (If Applicable):

Media Type: groundwater
Equipment Used: hydropunch
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:



• Sample bottleware filled by pouring DI water through decontaminated hydropunch sampling vessel.

Signature(s): [signature] / [signature]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

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

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

Sample ID Number: SW-060700
Sampled By: S. Pelepko / S. Neil
C.O.C. Number: BP-VPB-001

SAMPLING DATA:

Date: 06-07-00
Time: 0850
Method: hydrant discharge

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[■] Other Decon. water / Potable water hydrant
[] Tap
[] Fire Hydrant

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

Product Name: N/A
Supplier: N/A
Manufacturer: N/A
Order Number: N/A
Lot Number: N/A
Expiration Date: N/A

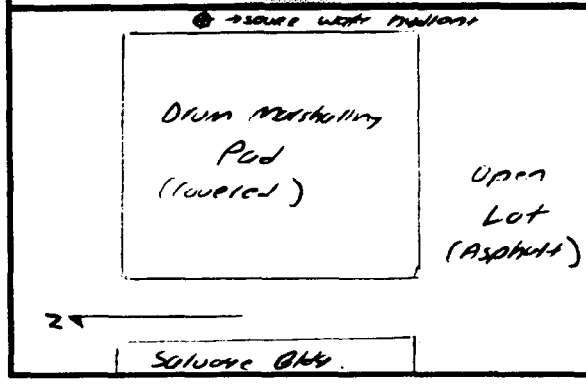
RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	(2) 40mL 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:



• Fill sample bottleware directly from base bib → connected to hydrant by T.

pH = 6.79
S.C. = 0.175 mS/cm
D.O. = 11.22 mg/L
Temp. = 19.7 °C
Turbidity = 1.0 NTU

Signature(s): Scott Pelepko / Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

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

Sample ID Number: TB-060800
Sampled By: S. Neil
C.O.C. Number: BP-VPB-002

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

SAMPLING DATA:

Date: 06-08-00
Time: 0713
Method: Direct Pour

WATER SOURCE:

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

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

Product Name: unknown
Supplier: Eco Test Labs
Manufacturer: unknown
Order Number: unknown
Lot Number: unknown
Expiration Date: unknown

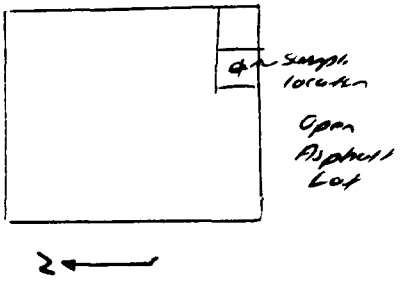
RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
Equipment Type:
[ ] Dedicated
[ ] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C & HCl	(2) 40mL 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): Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

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

Sample ID Number: TB-061200
Sampled By: S. Pekpke
C.O.C. Number: BP-VPB-003

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

SAMPLING DATA:

Date: 06-12-00
Time: 0855
Method: Direct Pour

WATER SOURCE:

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

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

Product Name: unknown
Supplier: Eco Test Labs
Manufacturer: unknown
Order Number: unknown
Lot Number: unknown
Expiration Date: unknown

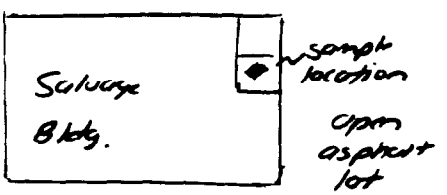
RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
Equipment Type:
[ ] Dedicated
[ ] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C ~~& HCl~~	(2) 40ml glass vials	(YES) / NO
Semivolatiles	Cool 4°C SP 06-13-00		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):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-77
QA Sample Type:

Sample ID Number: BP-VPB-77-DM-280
Sampled By: S. Pelepko
C.O.C. Number: BP-VPB-004

[] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[x] Other Blank Drilling Mud sample

SAMPLING DATA:

Date: 06-12-00
Time: 1645
Method: see below

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[x] Other drilling mud *
[] Tap
[] Fire Hydrant

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

Product Name: N/A
Supplier: N/A
Manufacturer: N/A
Order Number: N/A
Lot Number: N/A
Expiration Date: N/A

RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C ~~& HCl~~ SP 06-12-00	(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:

* mixture of potable water + Pure Gold Bentonite Gel + formational water
Fill sample bottleware directly from mud pan underneath drill rig table. Drilling activities halted during sample collection; borehole depth = 280 FT (BGS).

Water Quality Parameters:

- pH = 6.78
- Sal = 0.06 %
- Temp. = 16.7 °C
- Color = cloudy, br.-gy.
- D.O. = 3.38 mg/L
- S.C. = 1.37 mS/cm
- Turb. = >999 NTU (visual)

Signature(s): [signature]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: E. of Salvage Bldg.
QA Sample Type:

Sample ID Number: RB-061200
Sampled By: S. Pekepke / M. Healy
C.O.C. Number: BP-VPB-004

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

SAMPLING DATA:

Date: 06-12-00
Time: 1600
Method: See below

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[■] Other Commercial DI water
[] Tap
[] Fire Hydrant

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

Product Name: NERL Purified Reagent Grade DI
Supplier: ~~NERL~~ TtNUS
Manufacturer: NERL
Order Number: 9500-5
Lot Number: unknown
Expiration Date: unknown

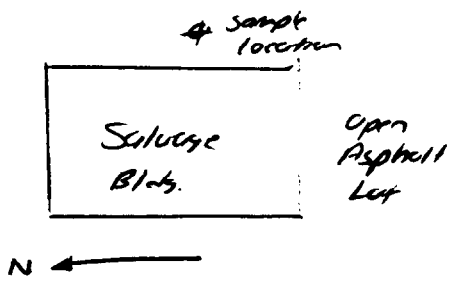
RINSATE INFORMATION (If Applicable):

Media Type: groundwater
Equipment Used: hydropunch
Equipment Type:
[] Dedicated
[■] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C ~~& HCl~~	(2) 40mL 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:



- Sample bottle was filled by pouring DI water through decontaminated hydropunch well screen housing.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

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

Sample ID Number: TB-061300
Sampled By: S. Pekpke
C.O.C. Number: BP-VPB-004

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

SAMPLING DATA:

Date: 06-13-00
Time: 0655
Method: Direct Pour

WATER SOURCE:

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

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

Product Name: unknown
Supplier: Eco Test Labs
Manufacturer: unknown
Order Number: unknown
Lot Number: unknown
Expiration Date: unknown

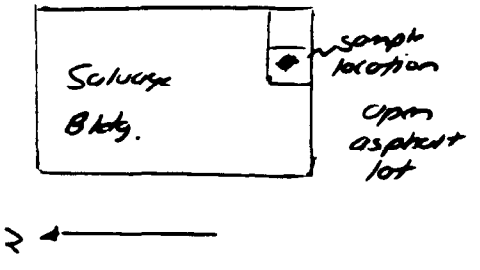
RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
Equipment Type:
[ ] Dedicated
[ ] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles	Cool 4°C ~~& HCl~~	(2) 40ml glass vials	YES / NO
Semivolatiles	Cool 4°C SP a.3u		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):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-77
QA Sample Type:

Sample ID Number: BP-VPB-77-000-410
Sampled By: S. Palcsko
C.O.C. Number: BP-VPB-005

[] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[x] Other Blank Drilling Mud Sample

SAMPLING DATA:

Date: 06-14-00
Time: 1710
Method: see below

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[x] Other drilling mud *
[] Tap
[] Fire Hydrant

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

Product Name: N/A
Supplier: N/A
Manufacturer: N/A
Order Number: N/A
Lot Number: N/A
Expiration Date: N/A

RINSATE INFORMATION (If Applicable):

Media Type: N/A
Equipment Used: N/A
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 SD 06-14-00		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:

* mixture of potable water + Pure Gold Bentonite Gel + formational water. Fill sample bottleware directly from mud pan underneath drill rig. table. Drilling activities halted during sample collection; borehole depth = 410 FT (BGS).

Water Quality Parameters:
- pH = 7.18
- D.O. = 0.80 mg/L
- Sal = 0.04%
- S.C. = 1.00 mS/cm
- Temp = 16 °C
- Turb = > 999 (visual)
- Color = v. cloudy, br. gy. / dk. gy.

Signature(s): [signature]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-77
QA Sample Type:

Sample ID Number: RB-061400
Sampled By: S. Pekoke
C.O.C. Number: BP-VPB-005

[] Trip Blank
[] Source Water Blank
[■] Rinsate Blank / Field Blank
[] Other Blank

SAMPLING DATA:

Date: 06-14-00
Time: 1735
Method: See Below

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[■] Other Commercial DI Water
[] Tap
[] Fire Hydrant

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

Product Name: NERL Certified Reagent Grade DI
Supplier: TtNUS
Manufacturer: NERL
Order Number: 9800-5
Lot Number: unknown
Expiration Date: unknown

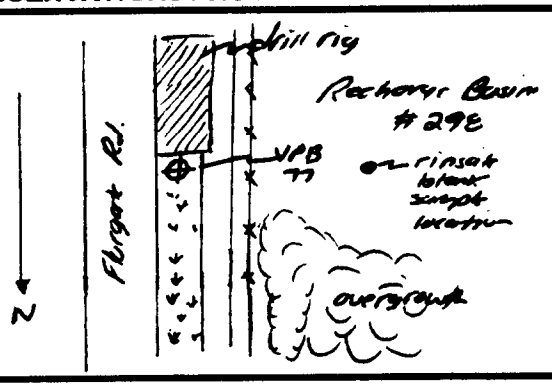
RINSATE INFORMATION (If Applicable):

Media Type: groundwater
Equipment Used: hydropunch
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 SD 06-14-00		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:



• Sample bottleware filled by pouring DI water through decontaminated hydropunch "silt-filter."

Signature(s):

AQUA TERRA GEOPHYSICS INC. GROUNDWATER/DRILLING CONSULTING 16 STATION ROAD # 8 BELLPORT, NEW YORK 11713 (631) 286-7699	BOREHOLE: VPB-77 LOGS: NATURAL GAMMA S. POINT RESISTANCE SPONT. POTENTIAL

PROJECT: CTO-0208 OFFSITE DRILLING — DATE: JUNE 30, 2000

CLIENT: NWIRP BETHPAGE — COUNTY/COUNTRY: NASSAU

LOCATION: FLORGATE & ANDREW — STATE/PROVINCE: NEW YORK

BOREHOLE DATA

DRILLING CONTRACTOR: UNI-TECH DRILLING CO. INC. — CUSTOMER TD: 835 FT.

ELEV: APPROX. 80' MSL — DEPTH REF: LAND SURFACE — LOGGER TD 828 FT.

RUN	BIT RECORD			CASING RECORD		
NO.	Bit Size	From	To	Size/Wgt/Thk.	From	To
1	12 IN.	0 FT.	53 FT.	6" PVC	0 FT.	53 FT.
2	6 IN.	53 FT.	T. DEPTH			
3						

DRILL METHOD: MUD ROTARY — DATE DRILLED: 6/00 — TIME SINCE CIRC: 1 HR.

HOLE MEDIUM: DRILLING FLUID — FLUID LEVEL: 0 FT. — MUD TYPE: BENTONITE

VISCOSITY: — WEIGHT: — Rm: at Deg

GENERAL DATA

LOGGED BY: BENJAMIN A. RICE — OTHER SERVICES:

WITNESS: SETH PELEPKO & MIKE ENGELMANN — UNIT/TRUCK: MT. SOPRIS MGX2/1

LOGGING DATA

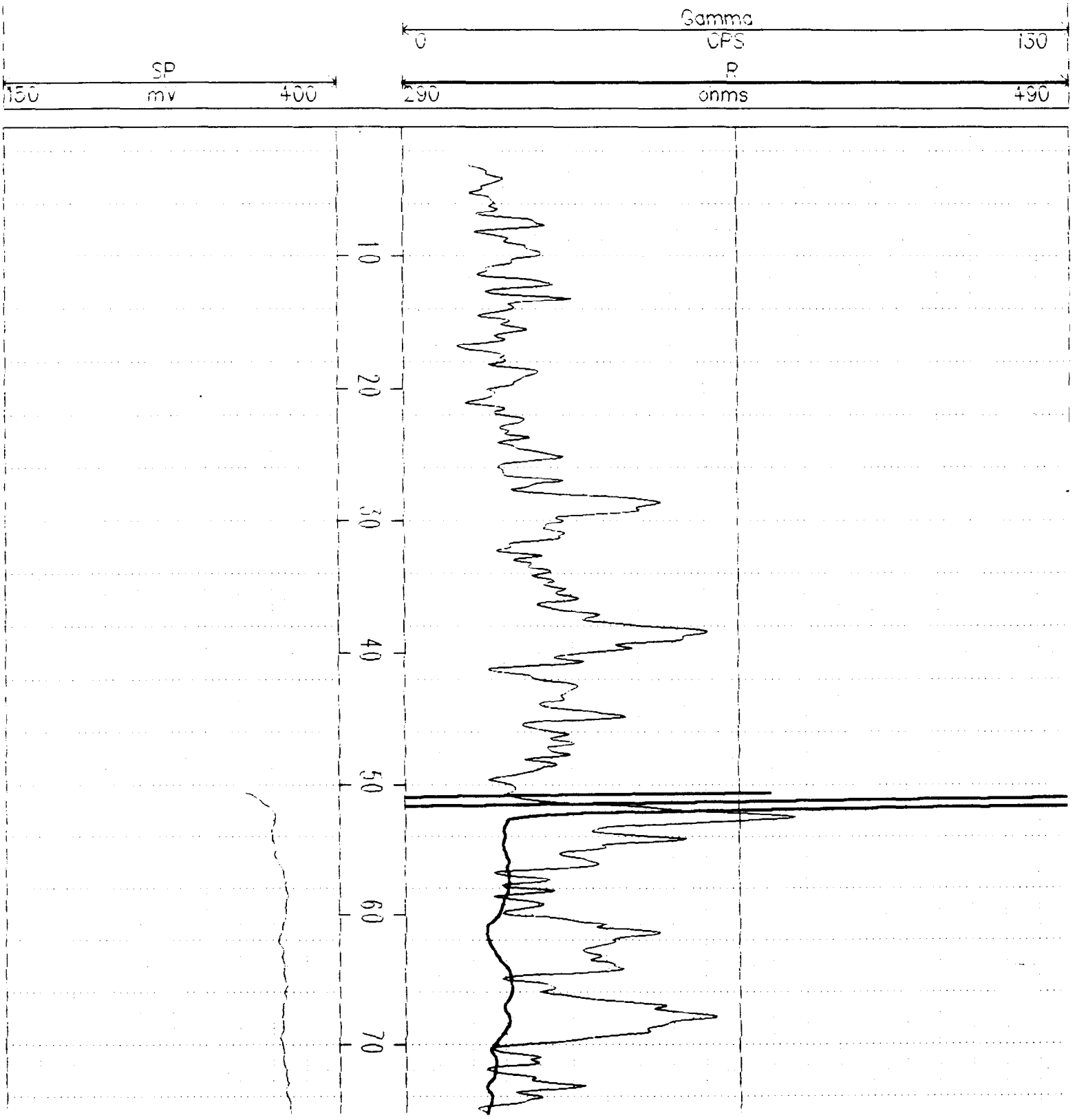
LOG FUNCTION	RUN NO.	EQUIPMENT MODEL	PROBE S.N.	UPHOLE S.N.	LOGGING DIG INT FEET	SPEED FT/MIN	DETECTOR TYPE	SOURCE TYPE	SIZE GBq	LOGGED INTERVAL FROM	TO	INT. FEET	COMMENTS
N. GAMMA	1	5MCA	2201	1123	.10	20	NaI			3	828	825	W.A. = 2
SP-R	2	5MCA	2201	1123	.10	25				53	828	775	

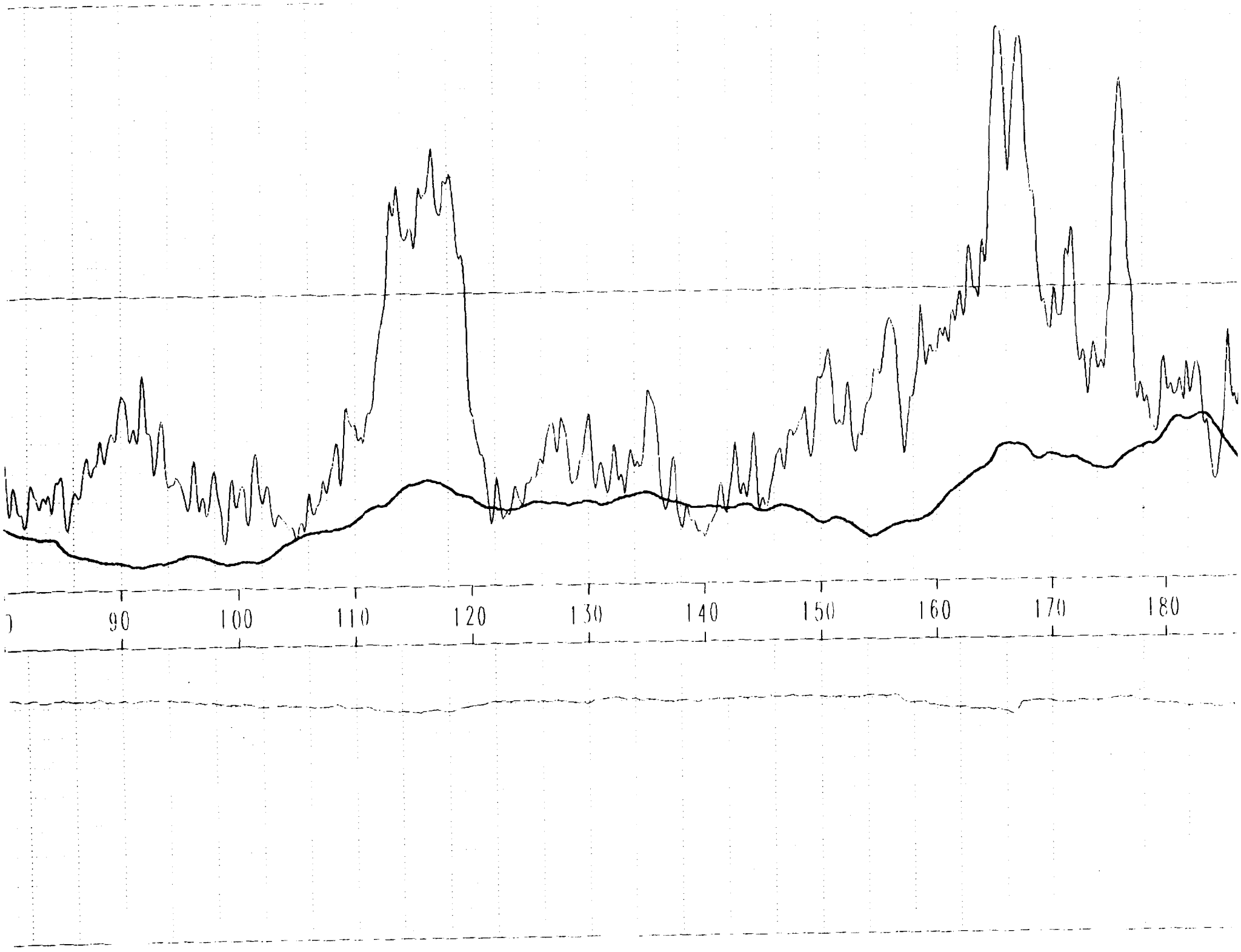
DIGITAL FILE NAME(S):
REMARKS:

MUD PLUG PLACED IN PORTABLE PIT

(C: BETHPGRU VPB77.AA1)

VPB - 77




90
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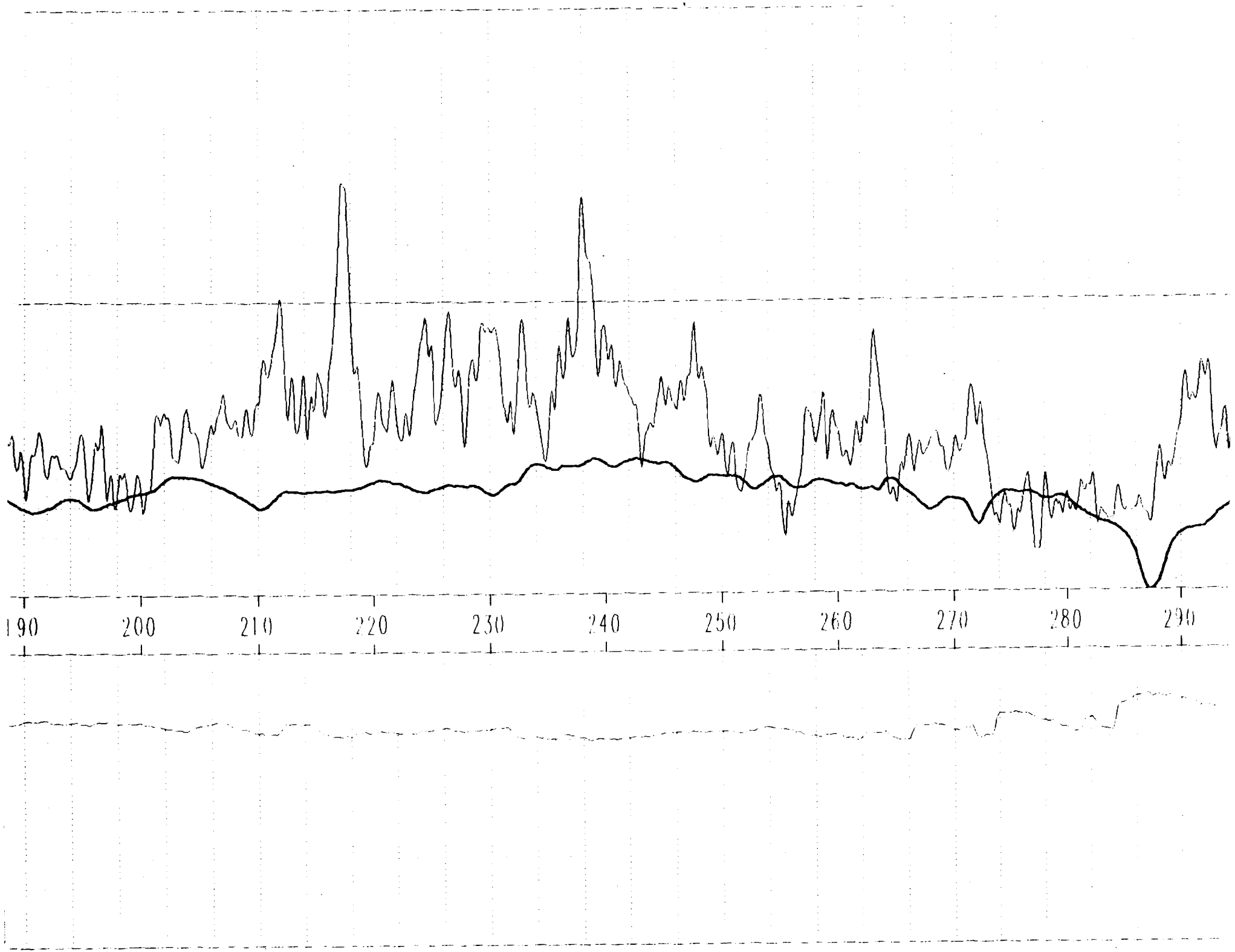
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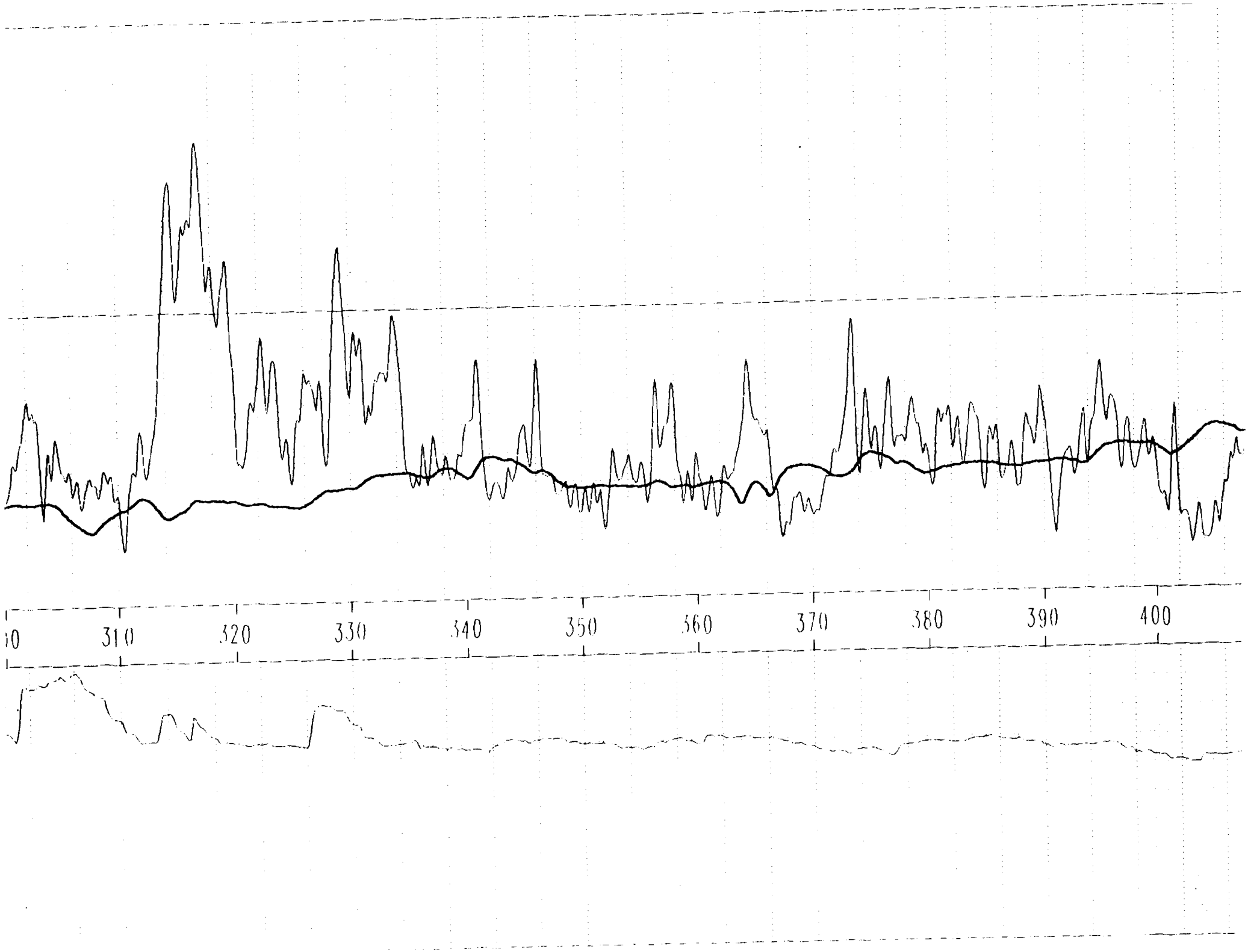
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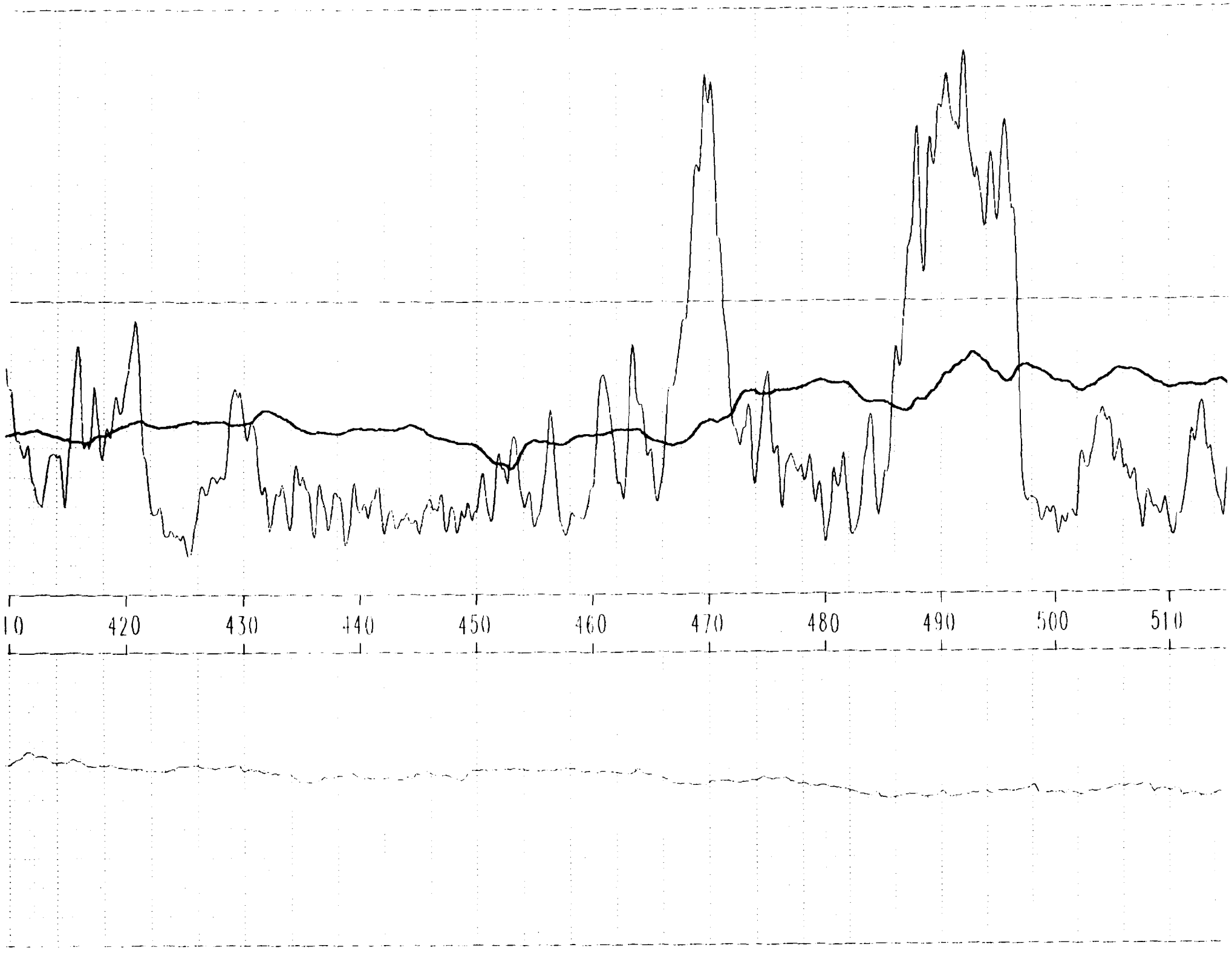
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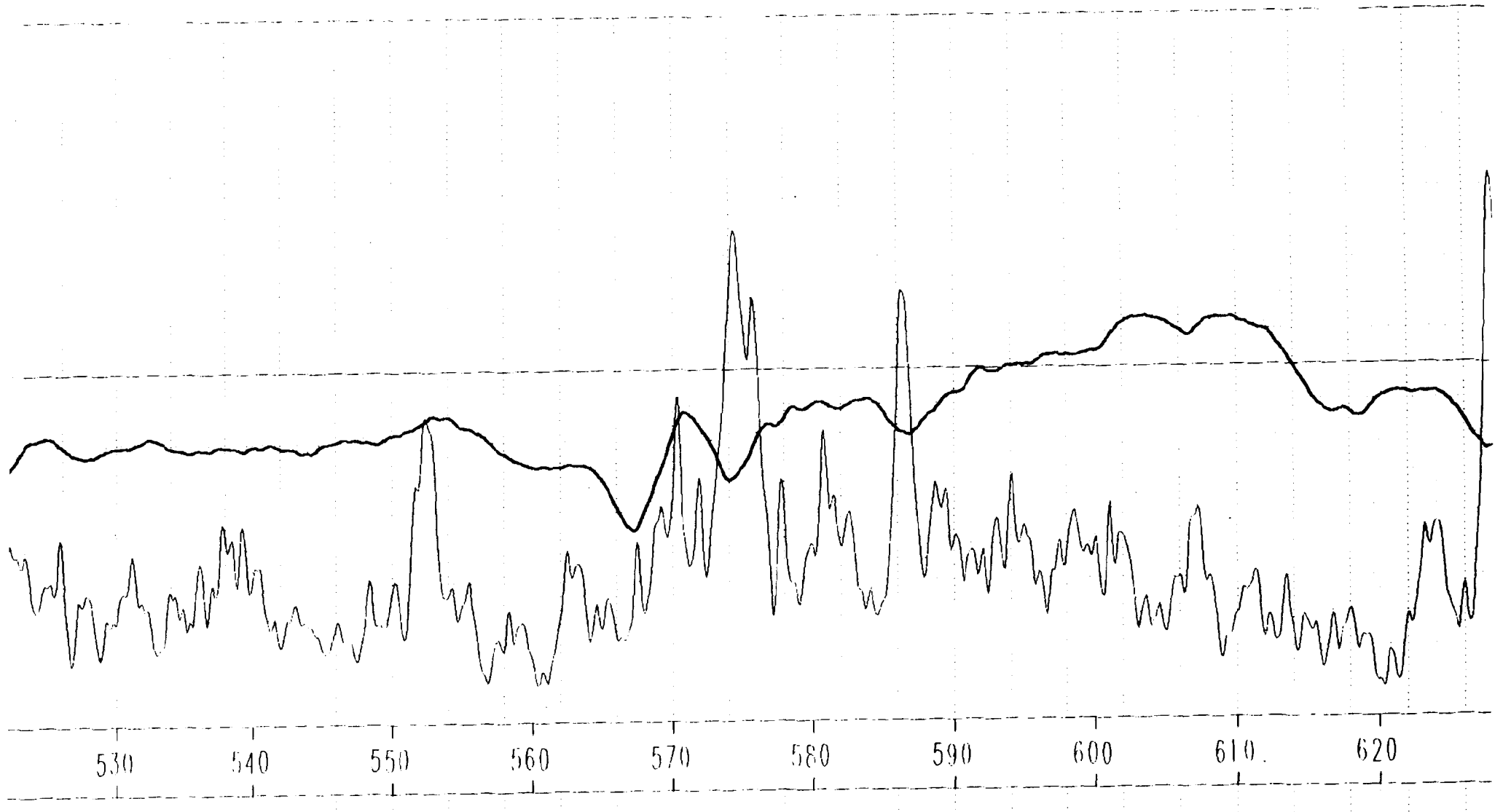
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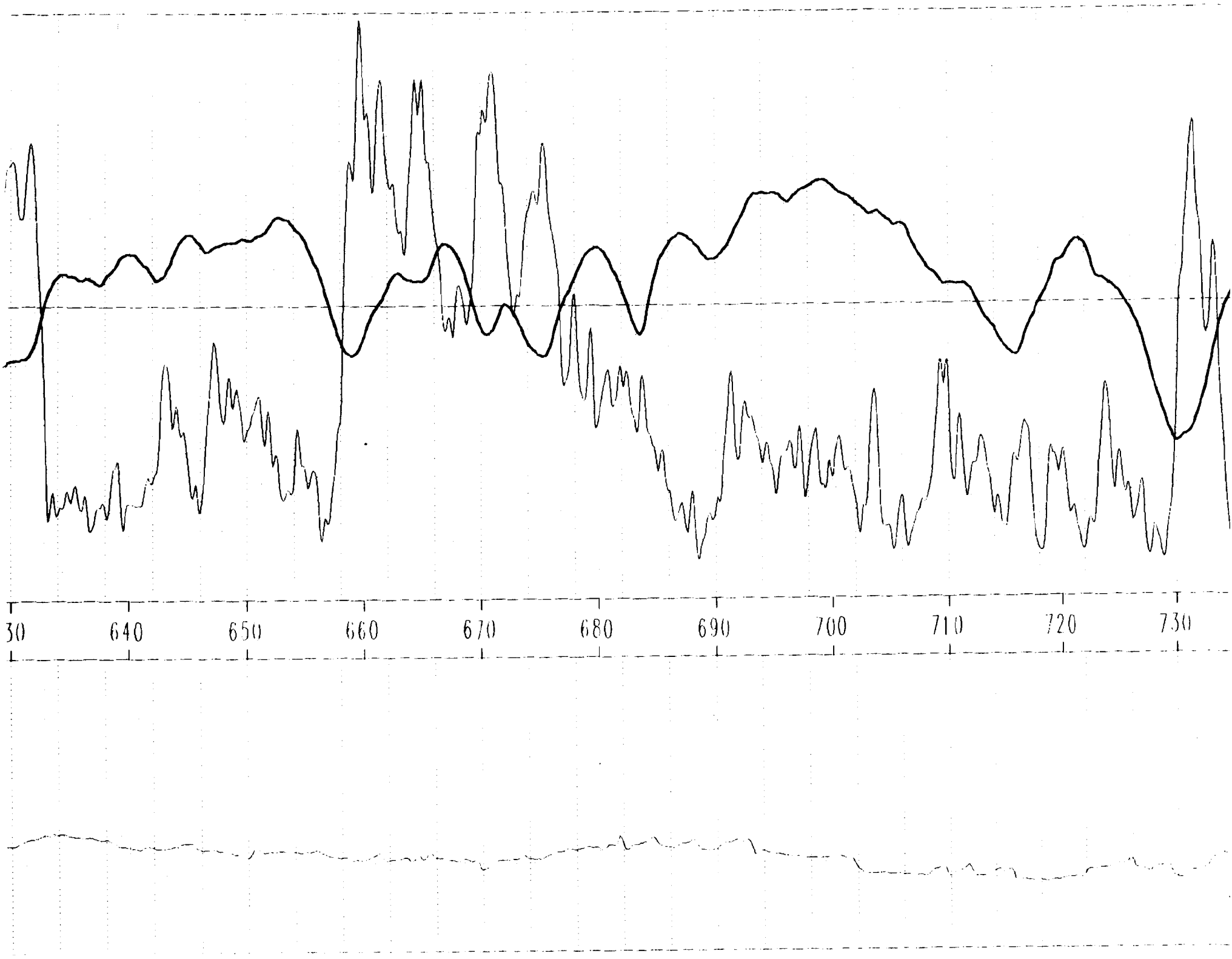
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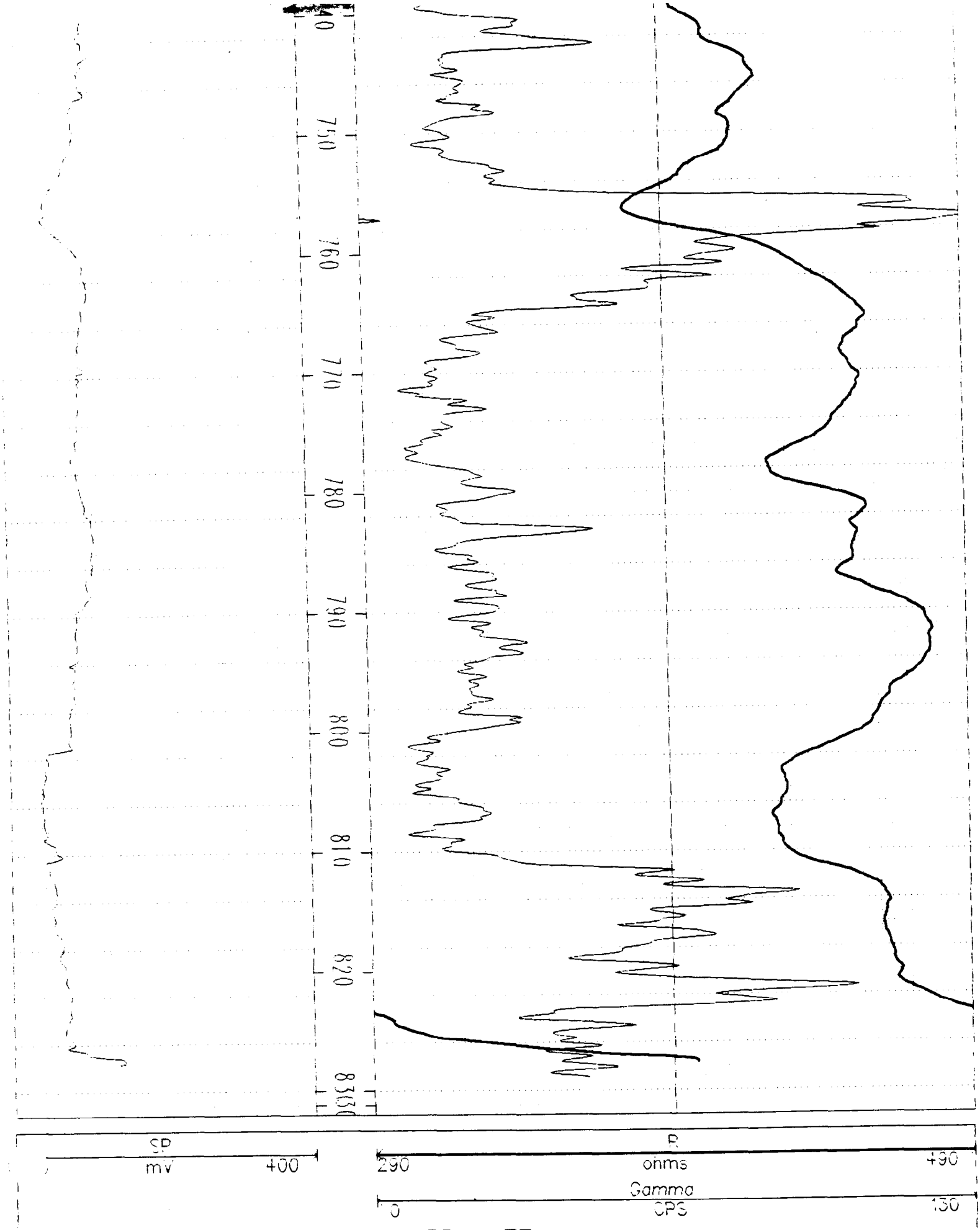
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130
(C. BETHPGRU VPB77.AA1)
VPB - 77

COC No:
BP-VPB-001

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565.0200

SITE NAME: NWIRP Belhpage - CTO 0208

SAMPLERS (SIGNATURE):

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs SW846 8260B (40 ml glass vial)			40 ml glass vial Temperature			REMARKS
1	06/07/00	0700		X	TB-060700	2	2						
2	06/07/00	1600		X	BP-VPB-77-053054	2	2						
3	06/07/00	1834		X	RB-060700	2	2						
4	06/07/00	1850		X	SW-060700	2	2						
5	06/08/00	1049		X	BP-VPB-77-103104	2	2						
					TEMPERATURE BLANK	1				1			
													48 HR TURNAROUND TIME on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	06/08/00 1205				
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: LAB PICKED UP BOTTLEWARE AT SITE	

(0498)

COC No.:
BP-VPB-002

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565.0200

SITE NAME: NWIRP Bethpage - CTU0208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs SVOCs (Wood glass vial)			Temperature (Metal glass vial)			REMARKS
1	06/04/00	0713		X	TB-060400	2	2						
2	06/09/00	1305		X	BP-VPB-77-153154	2	2						
3	06/09/00	1495		X	BP-VPB-77-203204	2	2						
4	06/09/00	1525		X	BP-VPB-77-213214	2	2						
5	06/09/00	1649		X	BP-VPB-77-224225	2	2						
6	06/09/00	0949		X	BP-VPB-77-233234	2	2						
7	06/09/00	1120		X	BP-VPB-77-243244	2	2						
					TEMPERATURE BLANK	1				1			
													48 HR TURNAROUND time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	06-09-00 1345				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: LAB COURIER PICKED UP BOTTLEWARE AT SITE	

COC No:
BP-VPB-003

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565.0200

SITE NAME: NWIRP Bethpage - CTO 0208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs SW8260B (40 ml glass vial)			Temperature (40 ml glass vial)			REMARKS
1	04/12/00	0855		X	TB-061200	2	2						
2	4/12/00	1305		X	BP-VPB-77-254255	2	2						
3	4/12/00	1450		X	BP-VPB-77-264265	2	2						
4	4/12/00	1544		X	BP-VPB-77-273274	2	2						
5	4/12/00	1635		X	BP-VPB-77-283284	2	2						
6	4/12/00	0000		X	BP-VPB-77-256257	2	2						
7	4/13/00	0925		X	BP-VPB-77-292293	2	2						
8	4/13/00	1024		X	BP-VPB-77-301302	2	2						
9	4/13/00	1110		X	BP-VPB-77-312313	2	2						
					Temperature Blank	1				1			
													48 HR turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	04/13/00 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: LAB COURIER PICKED BOTTLEWARE AT SITE	

Form No. 70440 (10/93)

COC No:
BP-VPB-004

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565.0200

SITE NAME: NWIRP Bethpage - CTO 0208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (Sample Kit 1140 ml glass vial)			Temperature (Ultral Sample Kit)			REMARKS
1	06/13/00	1250		X	BP-VPB-77-322323	2	2						
2	06/13/00	0655		X	TB-061300	2	2						
3	06/13/00	1345		X	BP-VPB-77-333334	2	2						
4	06/13/00	1450		X	BP-VPB-77-343344	2	2						
5	06/13/00	1657		X	BP-VPB-77-354355	2	2						
6	06/14/00	1030		X	BP-VPB-77-362363	2	2						
7	06/12/00	1645		X	BP-VPB-77-DM-280	2	2						drilling mud sample
8	06/14/00	0000		X	BP-VPB-77-368370	2	2						
9	06/12/00	1800		X	RB-061200	2	2						
10	06/14/00	1148		X	BP-VPB-77-372373	2	2						
11	06/14/00	1300		X	BP-VPB-77-383384	2	2						
12	06/14/00	1358		X	BP-VPB-77-392393	2	2						48 HR turnaround time on all samples
					Temperature Blank	1				1			

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	061400 1430				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: LAB COURIER PICKED UP SAMPLE BOTTLEWARE AT DRILLING LOCATION	

COC No: BP-VPB-005

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565 # 0200

SITE NAME: NWIRP Bethpage - CTO 0208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (SW8260B) (40 ml glass vial)			Temperature (40 ml glass vial)				REMARKS
1	06/14/00	0715		X	TB-061400	2	2							
2	06/14/00	1500		X	BP-VPB-77-403404	2	2							
3	06/14/00	1700		X	BP-VPB-77-413414	2	2							
4	06/15/00	1002		X	BP-VPB-77-423424	2	2							
5	06/15/00	1114		X	BP-VPB-77-432433	2	2							
6	06/15/00	1333		X	BP-VPB-77-443444	2	2							
7	06/15/00	1435		X	BP-VPB-77-452453	2	2							
8	06/15/00	0000		X	BP-VPB-77-438440	2	2							
9	06/15/00	1544		X	BP-VPB-77-463464	2	2							
10	06/15/00	1652		X	BP-VPB-77-472473	2	2							
11	06/16/00	0915		X	BP-VPB-77-482483	2	2							48 HR turnaround time on all samples
12	06/14/00	1710		X	BP-VPB-77-DM-410	2	2							
13	06/14/00	1735		X	RB-061400	2	2							
					Temperature Blank	1				1				

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	06/16/00 1715				
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: Lab courier picked up samples at drilling location.	

COC No:
BP-VPB-006

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565.0200

SITE NAME: NWIRP Bethpage - CTO 0208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (SW846 8260B) (40 ml glass vial)			temperature (40 ml glass vial)			REMARKS
1	08/31/00	0915		X	TB-061900	2	2						
2	08/30/00	1128		X	BP-VPB-77-501502	2	2						
3	08/30/00	1238		X	BP-VPB-77-512513	2	2						
4	08/30/00	1410		X	BP-VPB-77-523524	1	1						
5	08/30/00	1645		X	BP-VPB-77-533534	1	1						
6	08/30/00	1205		X	BP-VPB-77-543544	2	2						
7	08/30/00	1400		X	~~BP-VPB-77-~~ 538540	2	2						
					TEMPERATURE BLANK	1				1			
													48 HR turnaround time on all samples.

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	08/31/00 1700				
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: LAB COURIER PICKED UP SAMPLES AT DRILLING LOCATION	

COC No.:
BP-VPB-007

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565.0200

SITE NAME: NNIRP Belmar - CTO 0208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (SW846 8260B)		40 mL glass vial	Temperature (Metal Skyline)				REMARKS
1	06/21/00	0740		X	TB-062100	2	2							
2	06/21/00	1420		X	BP-VPB-77-552553	2	2							
3	06/21/00	1725		X	BP-VPB-77-562563	1	1							
4	06/22/00	1010		X	BP-VPB-77-573574	2	2							
5	06/22/00	1150		X	BP-VPB-77-583584	2	2							
6	06/22/00	1335		X	BP-VPB-77-592593	2	2							
7	06/22/00	1635		X	BP-VPB-77-602603	2	2							
8	6/23/00	1130		X	BP-VPB-77-61[illegible]	2	2							
						1			1					
														48-HR Turnaround time on all samples
									1					
									1					

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Donald Dale	6/23/00 1:15				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQU[illegible] BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: LAB COURIER PICKED UP SAMPLES AT SITE.	

COC No:
BP-VPB-008

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565.0200

SITE NAME: NWIRP Bethpage - 070208

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (SW846 8620B) (40 ml glass vials)			Temperature (with glass vial)			REMARKS
1	06/26/00	0645		X	TB-062600	2	2						
2	06/26/00	1235		X	BP-VPB-77-621622	2	2						
3	06/26/00	1430		X	BP-VPB-77-631632	2	2						
4	06/26/00	0000		X	BP-VPB-77-645647	2	2						
5	06/26/00	1625		X	BP-VPB-77-641642	2	2						
6	06/27/00	1008		X	BP-VPB-77-652653	2	2						
					Temperature Blank	1				1			
													48-HR Turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	062700 1115				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: LAB COURIER PICKED UP SAMPLES AT DRILLING LOCATION	

COC No:
BP-VPB-009

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565.0200

SITE NAME: NWIRP Bethpage - CTO 0206

SAMPLERS (SIGNATURE):

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (SW846 8260B) (40 mL glass vial)			Temperature (40 mL glass vial)			REMARKS
1	06/27/00	0700		X	TB-062700	2	2						
2	06/27/00	1210		X	BP-VPB-77-662663	2	2						
3	06/27/00	1430		X	BP-VPB-77-672673	2	2						
4	06/27/00	1650		X	BP-VPB-77-682683	2	2						
5	06/28/00	1245		X	BP-VPB-77-702703	2	2						
6	06/28/00	1510		X	BP-VPB-77-711712	2	2						
7	06/28/00	1230		X	BP-VPB-77-721722	2	2						
					Temperature Blank	1				1			
													48-HR Turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	06/29/00 1300				
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: SAMPLES PICKED UP BY LAB COURIER AT DRILLING LOCATION	

Order No. 70440 (0693)

COC No:
BP-VPB-010

CHAIN OF CUSTODY RECORD

PROJECT NO.: N0565 # 0200

SITE NAME: NWIRP Bethpage - C000208

SAMPLERS (SIGNATURE):

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (Standard 8260B) (40 ml glass vial)			Temperature (40 ml glass vial)			REMARKS
1	06/30/00	1345		X	TB-062900	2	2						
2	06/30/00	1420		X	BP-VPB-77-726727	2	2						
3	06/30/00	1002		X	BP-VPB-77-743744	2	2						
4	06/30/00	1340		X	BP-VPB-77-772773	2	2						
5	06/30/00	1522		X	BP-VPB-77-781782	2	2						
					temperature blank	1	1						
													48 HR turnaround time on all samples

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	063000 1530				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: LAB COURIER PICKED UP SAMPLES AT DRILLING LOCATION	

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202535.01 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, TB-061200, 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	<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= 15067 NYSDOH ID# 10320

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202487.01 06/12/00

Tetra Tech Nus, Incorporated
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP Bethpage, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/07/00 RECEIVED:06/08/00

SAMPLE: Water sample. TB-060700, 0700

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
112ZTetrachloroethan	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
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202487.02 06/12/00

Tetra Tech Nus, Incorporated
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP Bethpage, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/07/00 RECEIVED:06/08/00

SAMPLE: Water sample, BP-VPB-77-053054, 1600

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

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202487.03 06/12/00

Tetra Tech Nus, Incorporated
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Bracola PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP Bethpage, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/07/00 RECEIVED:06/08/00

SAMPLE: Water sample. RB-060700. 1834

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
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202487.04 06/12/00

Tetra Tech Nus, Incorporated
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP Bethpage, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/07/00 RECEIVED:06/08/00

SAMPLE: Water sample, SW-060700, 1850

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
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202487.05 06/12/00

Tetra Tech Nus, Incorporated
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP Bethpage. #N0565.0200
COLLECTED BY: Client DATE COL'D:06/07/00 RECEIVED:06/08/00

SAMPLE: Water sample, BP-VPB-77-103104, 1049

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	<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
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.01 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, TB-060800, 0713

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
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.02 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia P0#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-153154, 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	6
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	10
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
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.03 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-203204, 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
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.04 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-213214, 1525

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	2
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	4

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.05 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia

PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/08/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-224225, 1649

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	6
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	2
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	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	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	13

cc:

REMARKS:

DIRECTOR

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO;202501.06 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/09/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-233234, 0949

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	19
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
377 Sheffield Ave
North Babylon NY 11703
516 422-5777

LAB NO:202501.07 06/13/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia

PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/09/00 RECEIVED:06/09/00

SAMPLE: Water sample, BP-VPB-77-243244, 1120

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

LAB NO.202535.02 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-254255, 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	<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	97
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	25

cc:

REMARKS:

DIRECTOR

rn= 15068 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202535.03 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-264265, 1450

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	17	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	2	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	13			
Toluene	ug/L	2			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15069 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202535.04 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-273274, 1544

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= 15070 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202535.05 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-283284, 1635

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	8	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	2	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	17	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	7			
Toluene	ug/L	3			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15071 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202535.06 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-256257, 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	25
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	100			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 15072 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202535.07 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-292293, 0925

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= 15073 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202535.08 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-301302, 1024

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<5
Vinyl Chloride	ug/L	<5
Chloroethane	ug/L	<5
Methylene Chloride	ug/L	<5
Acetone	ug/L	<50
Carbon disulfide	ug/L	<5
1,1 Dichloroethene	ug/L	<5
1,1 Dichloroethane	ug/L	<5
1,2 Dichloroethene	ug/L	<5
Chloroform	ug/L	<5
1,2 Dichloroethane	ug/L	<5
2-Butanone	ug/L	<50
111 Trichloroethane	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

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<5
Styrene	ug/L	<5
o Xylene	ug/L	<5
m + p Xylene	ug/L	<10
Xylene	ug/L	<15
Bromomethane	ug/L	<5
ter.ButylMethylEther	ug/L	<5
Freon 113	ug/L	<5
Trichlorofluomethane	ug/L	<5
Dichlordifluomethane	ug/L	<5
c-1,3Dichloropropene	ug/L	<5
t-1,3Dichloropropene	ug/L	<5
Trichloroethene	ug/L	<5

cc:

REMARKS:

DIRECTOR

rn= 15074 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202535.09 06/19/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/13/00

SAMPLE: Water sample, BP-VPB-77-312313, 1118

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	3
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= 15075 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.01 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-322323, 1250

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	<5	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:

DIRECTOR

rn= 15189 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.02 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, TB-061300, 0655

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= 15190 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.03 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-333334, 1345

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	<5	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:

DIRECTOR

rn= 15191 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.04 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-343344, 1450

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<5
Vinyl Chloride	ug/L	<5
Chloroethane	ug/L	<5
Methylene Chloride	ug/L	<5
Acetone	ug/L	<50
Carbon disulfide	ug/L	<5
1,1 Dichloroethene	ug/L	<5
1,1 Dichloroethane	ug/L	<5
1,2 Dichloroethene	ug/L	<5
Chloroform	ug/L	<5
1,2 Dichloroethane	ug/L	<5
2-Butanone	ug/L	<50
111 Trichloroethane	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

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<5
Styrene	ug/L	<5
o Xylene	ug/L	<5
m + p Xylene	ug/L	<10
Xylene	ug/L	<15
Bromomethane	ug/L	<5
ter.ButylMethylEther	ug/L	<5
Freon 113	ug/L	<5
Trichlorofluomethane	ug/L	<5
Dichlordifluomethane	ug/L	<5
c-1,3Dichloropropene	ug/L	<5
t-1,3Dichloropropene	ug/L	<5
Trichloroethene	ug/L	<5

cc:

REMARKS:

DIRECTOR

rn= 15192 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.05 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/13/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-354355, 1657

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	<5	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:

DIRECTOR

rn= 15193 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.06 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-362363, 1030

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	<5	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:

DIRECTOR

rn= 15194 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.07 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-DM-280, 1645

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= 15195 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.08 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-368370, 0000

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<5
Vinyl Chloride	ug/L	<5
Chloroethane	ug/L	<5
Methylene Chloride	ug/L	<5
Acetone	ug/L	<50
Carbon disulfide	ug/L	<5
1,1 Dichloroethene	ug/L	<5
1,1 Dichloroethane	ug/L	<5
1,2 Dichloroethene	ug/L	<5
Chloroform	ug/L	<5
1,2 Dichloroethane	ug/L	<5
2-Butanone	ug/L	<50
111 Trichloroethane	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

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<5
Styrene	ug/L	<5
o Xylene	ug/L	<5
m + p Xylene	ug/L	<10
Xylene	ug/L	<15
Bromomethane	ug/L	<5
ter.ButylMethylEther	ug/L	<5
Freon 113	ug/L	<5
Trichlorofluomethane	ug/L	<5
Dichlordifluomethane	ug/L	<5
c-1,3Dichloropropene	ug/L	<5
t-1,3Dichloropropene	ug/L	<5
Trichloroethene	ug/L	<5

cc:

REMARKS:

DIRECTOR

rn= 15196 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.09 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/12/00 RECEIVED:06/14/00

SAMPLE: Water sample, RB-061200, 1800

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	<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	13	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= 15197 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.10 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-372373, 1148

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<5
Vinyl Chloride	ug/L	<5
Chloroethane	ug/L	<5
Methylene Chloride	ug/L	<5
Acetone	ug/L	<50
Carbon disulfide	ug/L	<5
1,1 Dichloroethene	ug/L	<5
1,1 Dichloroethane	ug/L	<5
1,2 Dichloroethene	ug/L	<5
Chloroform	ug/L	<5
1,2 Dichloroethane	ug/L	<5
2-Butanone	ug/L	<50
111 Trichloroethane	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

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<5
Styrene	ug/L	<5
o Xylene	ug/L	<5
m + p Xylene	ug/L	<10
Xylene	ug/L	<15
Bromomethane	ug/L	<5
ter.ButylMethylEther	ug/L	<5
Freon 113	ug/L	<5
Trichlorofluomethane	ug/L	<5
Dichlordifluomethane	ug/L	<5
c-1,3Dichloropropene	ug/L	<5
t-1,3Dichloropropene	ug/L	<5
Trichloroethene	ug/L	<5

cc:

REMARKS:

DIRECTOR

rn= 15198 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.11 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-383384, 1300

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= 15199 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO.202569.12 06/20/00

Tetra Tech Nus, Inc.
600 Clark Avenue, Suite 3
King of Prussia, PA 19406-1433
ATTN: Denny Braccia PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/14/00

SAMPLE: Water sample, BP-VPB-77-392393, 1358

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	<5	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:

DIRECTOR

rn= 15200 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.01 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, TB-061400, 0715

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= 15603

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.02 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-403404, 1500

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	57
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= 15604

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.03 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-413414, 1700

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	26
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= 15605

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.04 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-423424, 1002

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	51
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= 15606

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.05 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-432433, 1114

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	<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= 15607

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.06 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-443444, 1333

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	19
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= 15608

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.07 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-452453, 1435

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

rn= 15609

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.08 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-438440, 0000

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	22
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= 15610

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.09 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-463464, 1544

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	26
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= 15611

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.10 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/15/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-472473, 1652

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	29
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= 15612

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.11 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-482483, 0915

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	32
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= 15613

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.12 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, BP-VPB-77-DM-410, 1710

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	19
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= 15614

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202625.13 06/22/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/14/00 RECEIVED:06/16/00

SAMPLE: Water sample, RB-061400, 1735

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	23
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= 15615

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202699.01 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/19/00 RECEIVED:06/21/00

SAMPLE: Water sample, TB061900, 0815

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

15959 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202699.02 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/21/00

SAMPLE: Water sample, BP-VPB-77-501502, 1128

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	3
Acetone	ug/L	59
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

rn= 15960 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202699.03 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-512513, 1238

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	3
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	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

LAB NO:202699.04 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-523524, 1410

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	160
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= 15962 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202699.05 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-533534, 1645

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	41	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= 15963 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202699.06 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/20/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-543544, 1205

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	15	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= 15964 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202699.07 06/27/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/21/00 RECEIVED:06/20/00

SAMPLE: Water sample, BP-VPB-77-538540, 0000

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	<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= 15965 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202763.01 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/21/00 RECEIVED:06/23/00

SAMPLE: Water sample, TB062100, 0740

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= 16262 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202763.02 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/21/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-552553, 1420

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= 16263 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202763.03 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/21/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-562563, 1725

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	61
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= 16264 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202763.04 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-573574, 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	17	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= 16265 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202763.05 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-583584, 1150

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= 16266 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202763.06 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-592593, 1335

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= 16267 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202763.07 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-602603, 1635

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	11	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= 16268 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202763.08 06/30/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/22/00 RECEIVED:06/23/00

SAMPLE: Water sample, BP-VPB-77-613614, 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	<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= 16269 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202803.01 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, TB062600, 0845

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= 16449 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202803.02 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-621622, 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	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 16450 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202803.03 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-631632, 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

rn= 16451 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202803.04 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-645647, 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= 16452 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202803.05 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/26/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-641642, 1625

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= 16453 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202803.06 07/05/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/27/00

SAMPLE: Water sample, BP-VPB-77-652653, 1008

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	<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= 16454 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202876.01 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/29/00

SAMPLE: Water sample, TB062700, 0700

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= 16944 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202876.02 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-662663, 1210

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	<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= 16945 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202876.03 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-672673, 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

rn= 16946 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202876.04 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/27/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-682683, 1650

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= 16947 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202876.05 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/28/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-702703, 1245

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= 16948 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202876.06 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/28/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-711712, 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= 16949 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202876.07 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/29/00 RECEIVED:06/29/00

SAMPLE: Water sample, BP-VPB-77-721722, 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	<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= 16950 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202902.01 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/29/00 RECEIVED:06/30/00

SAMPLE: Water sample, TB-062900, 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	<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= 17096 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202902.02 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/29/00 RECEIVED:06/30/00

SAMPLE: Water sample, BP-VPB-77-726727, 1420

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= 17097 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202902.03 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/29/00 RECEIVED:06/30/00

SAMPLE: Water sample, BP-VPB-77-743747, 1702

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

rn= 17098 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202902.04 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/30/00 RECEIVED:06/30/00

SAMPLE: Water sample, BP-VPB-77-772773, 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	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	<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= 17099 NYSDOH ID# 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:202902.05 07/06/00

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:06/30/00 RECEIVED:06/30/00

SAMPLE: Water sample, BP-VPB-77-781782, 1522

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	30	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= 17100 NYSDOH ID# 10320