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Southern Area Vertical Profile Boring Installation Summary Report

Naval Weapons Industrial Reserve Plant (NWIRP)

Bethpage, New York

Engineering Field Activity Northeast
Naval Facilities Engineering Command

Contract Number N62467-94-D-0888

Contract Task Order 812

February 2002

TETRA TECH NUS, INC.

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PITT-02-2-030

February 15, 2002

Mr. Jim Colter (Code EV2/JLC)
Remedial Project Manager
Engineering Field Activity, Northeast
Naval Facilities Engineering Command
10 Industrial Highway, MS#82
Lester, Pennsylvania 19113

Reference: Clean Contract No. N62467-94-D-0888
Contract Task Order 0812

Subject: Southern Area and GM-38 Area Vertical Profile Boring Results
NWIRP Bethpage, New York

Dear Mr. Colter:

Please find enclosed two copies of the documents for your use. These documents were submitted as per your attached transmittal letters.

If you have questions or need additional information, please call me at (412) 921- 8375.

Sincerely,

David D. Brayack
Project Manager

/DDB

cc: Mr. R. Boucher (Navy) w/o attachment
Mr. J. Trepanowski (TtNUS)
File: N4037

DEPARTMENT OF THE NAVY
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IN REPLY REFER TO

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Steven M. Scharf, P.E.
Project Engineer
New York State Department of Environmental Conservation
Bureau of Eastern Remedial Action
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Dear Steve:

Subj: Northrop Grumman and Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage, Nassau County, Sites 1-30-003 A & B; Vertical Profile Boring Summary Report for Southern Boundary

The enclosed document is being forwarded for information and contains all of the analytical data collected from Vertical Profile Borings (VPBs) 43, 44, 45, 46, and 50. These VPBs were installed in order to further delineate the southern extent of the total volatile organic compound (TVOC) plume that has been identified as emanating from the Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage and Northrop Grumman properties.

This data has also been forwarded to ARCADIS Geraghty & Miller (AGM), environmental consultant to Northrop Grumman, so that it may be incorporated into the groundwater computer model developed by AGM. The Navy, with consultation from AGM, will use the model to identify appropriate locations for the installation of outpost monitoring wells. These wells, identified as part of the Operable Unit 2 Groundwater ROD issued by NYSDEC in March 2001, are to be installed by the Navy during calendar year 2002.

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

Sincerely,

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

Encl: (1) Vertical Profile Boring Summary Report - Southern Boundary

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SOUTHERN AREA VERTICAL PROFILE BORING INSTALLATION SUMMARY REPORT

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

COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:
Engineering Field Activity Northeast
Environmental Branch Code EV2
Naval Facilities Engineering Command
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CONTRACT NUMBER N62467-94-D-0888
CONTRACT TASK ORDER 812

FEBRUARY 2002

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TABLE OF CONTENTS

SECTION		PAGE NO.
1.0	**INTRODUCTION**	**1-1**
1.1	SCOPE OF WORK	1-1
1.2	REPORT FORMAT	1-1
2.0	**WELL DRILLING AND INSTALLATION**	**2-1**
2.1	DRILLING METHODOLOGY	2-1
2.1.1	Mud Rotary	2-1
2.2	SOIL SAMPLING	2-1
2.3	GROUNDWATER SAMPLING	2-2
2.3.1	Groundwater QA/QC Sampling	2-3
2.4	BOREHOLE GEOPHYSICAL LOGGING	2-3
3.0	**FIELD FORMS AND ANALYTICAL RESULTS**	**3-1**

TABLES

NUMBER	
3-1	Ground Water Sample Summary-Vertical Profile Boring 43
3-2	Ground Water Sample Summary-Vertical Profile Boring 44
3-3	Ground Water Sample Summary-Vertical Profile Boring 45
3-4	Ground Water Sample Summary-Vertical Profile Boring 46
3-5	Ground Water Sample Summary-Vertical Profile Boring 50
3-6	QA/QC Sample Summary-Vertical Profile Boring 43
3-7	QA/QC Sample Summary-Vertical Profile Boring 44
3-8	QA/QC Sample Summary-Vertical Profile Boring 45
3-9	QA/QC Sample Summary-Vertical Profile Boring 46
3-10	QA/QC Sample Summary-Vertical Profile Boring 50

FIGURE

NUMBER	
1	Location of Vertical Profile Borings

APPENDICES

NUMBER

A Vertical Profile Boring 43

Boring Logs A-1
Gamma Logs A-18
Ground Water Sample Log Sheets A-27
Soil Sample Log Sheets A-65
QA Sample Log Sheets A-67
Chains of Custody A-74
Analytical Results A-82

B Vertical Profile Boring 44

Boring Logs B-1
Gamma Logs B-18
Ground Water Sample Log Sheets B-26
Soil Sample Log Sheets B-58
QA Sample Log Sheets B-60
Chains of Custody B-71
Analytical Results B-79

C Vertical Profile Boring 45

Boring Logs C-1
Gamma Logs C-18
Ground Water Sample Log Sheets C-28
Soil Sample Log Sheets C-55
QA Sample Log Sheets C-57
Chains of Custody C-69
Analytical Results C-76

D Vertical Profile Boring 46

Boring Logs D-1
Gamma Logs D-18
Ground Water Sample Log Sheets D-28
Soil Sample Log Sheets D-62
QA Sample Log Sheets D-64
Chains of Custody D-75
Analytical Results D-84

E Vertical Profile Boring 50

Boring Logs E-1
Gamma Logs E-18
Ground Water Sample Log Sheets E-26
Soil Sample Log Sheets E-53
QA Sample Log Sheets E-55
Chains of Custody E-62
Analytical Results E-69

1.0 INTRODUCTION

This report summarizes the installation of five vertical profile borings (VPB) in the Southern Area located off of the property owned by the Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage, in Bethpage, New York. The VPBs were installed to collect subsurface lithology and depth specific groundwater samples from these borings to establish a vertical profile of groundwater contamination at each location. Tetra Tech NUS, Inc. (TtNUS) performed the work under contract to the U.S. Navy Engineering Field Activity Northeast (EFA Northeast) under Contract Task Order (CTO) 812 of the Comprehensive Long-Term Environmental Action Navy (CLEAN) Contract Number N62472-94-D-0398.

1.1 SCOPE OF WORK

Five VPBs (VPB-43, VPB-44, VPB-45, VPB-46, and VPB-50) were drilled at locations south of the Hempstead Turnpike in order to establish the southern extent of volatile organic compound (VOC) groundwater contamination between an area of confirmed VOC contaminated groundwater near the Hempstead Turnpike and the downgradient water suppliers. Figure 1 illustrates the locations of these VPBs. Soil and groundwater samples were collected at depth-specific intervals from each VPB. Total depths for each VPB are as follows:

- 850 feet for VPB-43,
- 850 feet for VPB-44,
- 820 feet for VPB-45,
- 820 feet for VPB-46
- and 850 feet for VPB-50.

These depths reflect the approximate top of the Raritan Confining Unit.

Tables 3-1, 3-2, 3-3, 3-4, and 3-5 summarize groundwater sampling activities performed at VPB-43, 44, 45, 46, and 50, respectively.

1.2 REPORT FORMAT

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

2.0 DRILLING AND SAMPLING

This section describes the field methodologies for installation of the off-site VPBs. The work was performed in accordance with the Work Plan Addendum For Additional Vertical Profile Borings Adjacent to The Naval Weapons Industrial Reserve Plant (NWIRP), Bethpage, New York (TtNUS). This served as an addendum to the Work Plan for Monitoring Well Installation (2000). All work was performed from February through October 2001. Uni-Tech Drilling Company, Inc. (UTD), of Malaga, New Jersey, drilled the VPBs under subcontract to TtNUS. Aqua Terra Geophysics, Inc., of Bellport, New York, under subcontract to UTD, performed the borehole geophysical logging. EcoTest Laboratories of North Babylon, Long Island, New York performed the analytical testing on the groundwater samples under subcontract to TtNUS, and Severn Trent Laboratories (STL) of Pittsburgh, Pennsylvania performed the analytical testing on the soil samples under subcontract to TtNUS.

2.1 DRILLING METHODOLOGY

All VPBs were advanced using mud rotary drilling techniques.

2.1.1 Mud Rotary

VPBs were reamed to eight inches in diameter to 150 feet below ground surface (bgs). Due to sloughing of the upper borehole, 6-inch diameter, Schedule 40 PVC temporary surface casing was installed from the ground surface to 150 feet bgs. From this point, the VPBs were reamed to 6 inches in diameter to the total depth of the boring. Drilling mud consisted of potable water and polymer-free sodium bentonite. All drilling mud was contained and recirculated in a baffled, high capacity mud pan.

Boring logs are provided for each VPB in Section 3.0.

2.2 SOIL SAMPLING

Soil samples were collected from VPBs for lithology description and, at selected intervals determined in the field, soil samples were collected at two different intervals in each VPB and submitted for analysis of Total Organic Carbon (TOC). The results of the TOC analyses will provide supporting data for defining VOC retardation rates as part of construction of a groundwater contaminant transport model. Collection of soil samples for TOC analysis were sampled at depths where highly permeable zones existed (typically between 200 and 500 feet). The depths and frequencies of soil sampling for all VPBs were as follows:

- From the water table to 200 feet below ground surface (bgs), soil sampling for lithologic classification was performed at 50-foot intervals, then at 20-foot intervals to the terminal depth of the borehole.

- Two soil samples from highly permeable zones were collected for TOC analysis.

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

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

2.3 GROUNDWATER SAMPLING

Groundwater samples were collected from depth specific intervals in each boring. All groundwater samples were collected at the same sample intervals as split spoon soil samples (see Section 2.2), after collection of the soil samples. After advancement of the borings to the appropriate sample interval, a hollow direct push technology (DPT) sampling point (hydropunch) capable of water sample collection was advanced a distance of approximately 1-foot past the split spoon sample interval to ensure representative groundwater samples. The hydropunch was opened and the screen exposed to the formation and allowed to fill with groundwater (approximately 30 minutes for shallow intervals, and approximately one hour for deeper intervals). The hydropunch was then closed and raised to the ground surface. Once at ground surface, the hydropunch was opened and bottleware was filled directly from the sampler. In some instances, the sampler contained insufficient groundwater or no groundwater at all. A second attempt was made at the discretion of the field geologist in these instances. A maximum of two attempts was made at intervals where a groundwater sample could not be collected on the first attempt. Factors considered when making a second attempt were as follows:

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

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

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

2.3.1 Groundwater QA/QC Sampling

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

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

Tables 3-6, 3-7, 3-8, 3-9, and 3-10 summarize the QA samples collected at VPB-43, 44, 45, 46, and 50, respectively. QA sample log sheets are provided in Section 3.0 for QA samples collected from each VPB.

2.4 BOREHOLE GEOPHYSICAL LOGGING

Borehole geophysical logs were recorded in all of the VPBs. Following advancement to the total depth of each boring, the drilling tools were withdrawn from the borehole. A geophysical probe was then run down the borehole and back up. The geophysical data was recorded using a Mount Sopris MGX II digital logger. The probe was multi-function and recorded a natural gamma ray log, as well as single point resistivity, and standard potential logs. Once gamma logging of the boring was complete, the temporary PVC casing was removed from the borehole and the boring was backfilled to the land surface with a Volclay© high-solids bentonite slurry using a tremie pipe. In those instances where the temporary PVC casing could not be removed totally because of breaking-off downhole, the casing was grouted in place.

Geophysical borehole log printouts are provided in Section 3.0.

3.0 FIELD FORMS AND ANALYTICAL RESULTS

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

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

Also included are copies of soil and groundwater analytical results for each VPB. A summary of VPB groundwater and QA sampling, including sample identification, depth at which the sample was collected and total VOCs are provided in Tables 3-1 through 3-10.

TABLE 3-1
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 43
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
1	BP-VPB-43-051052	50	ND	Sample has the appearance of cross-contamination with drilling mud.
2	BP-VPB-43-101102	100	ND	Good sample.
3	BP-VPB-43-151152	150	ND	Good sample.
4	BP-VPB-43-202203	200	13	Good sample.
5	BP-VPB-43-221222	220	11	Good sample.
6	BP-VPB-43-241242	240	ND	Good sample.
7	BP-VPB-43-261262	260	ND	Good sample.
8	BP-VPB-43-281282	280	4	Sample has the appearance of cross-contamination with drilling mud.
9	BP-VPB-43-302303	300	ND	Good sample.
10	BP-VPB-43-3213222	320	ND	Sample has the appearance of cross-contamination with drilling mud.
11	BP-VPB-43-341342	340	ND	Sample has the appearance of cross-contamination with drilling mud.
12	NA	360	NA	No recovery on first attempt; no second attempt made due to silt clogging hydropunch screen.
13	BP-VPB-43-381382	380	ND	Good sample.
14	NA	400	NA	No recovery on first attempt; no second attempt made due to silt clogging hydropunch screen.
15	BP-VPB-43-421422	420	1	Good sample.
16	BP-VPB-43-441442	440	ND	Good sample.
17	BP-VPB-43-461462	460	ND	Good sample.
18	BP-VPB-43-481482	480	ND	Good sample.
19	BP-VPB-43-491492	490	ND	Sample has the appearance of cross-contamination with drilling mud.
20	BP-VPB-43-501502	500	ND	Good sample.
21	BP-VPB-43-521522	520	ND	Sample has the appearance of cross-contamination with drilling mud.
22	BP-VPB-43-541542	540	ND	Sample has the appearance of cross-contamination with drilling mud.
23	NA	560	NA	No sample collected at this interval after making two attempts.
24	BP-VPB-43-571572	570	ND	Good sample.
25	BP-VPB-43-581582	580	ND	Possible cross-contamination with drilling mud based on high specific conductance (1.19).
26	BP-VPB-43-601602	600	1	Sample has the appearance of cross-contamination with drilling mud.
27	BP-VPB-43-621622	620	1	Good sample.
28	BP-VPB-43-641642	640	1	Good sample.
29	BP-VPB-43-661662	660	2	Sample has the appearance of cross-contamination with drilling mud.
30	BP-VPB-43-681682	680	ND	Sample has the appearance of cross-contamination with drilling mud.
31	BP-VPB-43-701702	700	ND	Sample has the appearance of cross-contamination with drilling mud.
32	BP-VPB-43-721722	720	ND	Sample has the appearance of cross-contamination with drilling mud.
33	BP-VPB-43-741742	740	ND	Good sample.
34	BP-VPB-43-761762	760	ND	Sample has the appearance of cross-contamination with drilling mud.
35	BP-VPB-43-781782	780	ND	Sample has the appearance of cross-contamination with drilling mud.
36	BP-VPB-43-802803	800	2	Good sample.
37	BP-VPB-43-821822	820	ND	Good sample.
38	BP-VPB-43-841842	840	ND	Good sample.
39	NA	850	NA	No attempt to collect sample-end of borehole.

TABLE 3-1
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 43
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

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

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 850 feet.

TABLE 3-2
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 44
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
1	NA	50	NA	No recovery on first hydropunch attempt; no second attempt due to dense gravel-could not open hydropunch screen.
2	NA	70	NA	Unable to drive hydropunch due to gravel, therefore no sample was collected.
3	BP-VPB-44-102103	100	12	Good sample.
4	NA	150	NA	No recovery on first attempt; no second attempt was made due to silt/clay on screen.
5	BP-VPB-44-162163	160	32	Good sample.
6	BP-VPB-44-202203	200	20	Good sample.
7	BP-VPB-44-222223	220	26	Good sample.
8	BP-VPB-44-242243	240	54	Good sample.
9	BP-VPB-44-262623	260	31	Good sample.
10	BP-VPB-44-282283	280	18	Good sample.
11	BP-VPB-44-302303	300	ND	Good sample.
12	NA	320	NA	No recovery on first hydropunch attempt; no second attempt was made due to the presence of clay on the hydropunch screen.
13	BP-VPB-44-342343	340	ND	Good sample collected on second attempt.
14	BP-VPB-44-362363	360	ND	Good sample.
15	BP-VPB-44-382383	380	ND	Good sample collected on second attempt.
16	BP-VPB-44-401402	400	ND	Sample has the appearance of cross-contamination with drilling mud.
17	BP-VPB-44-421422	420	ND	Good sample.
18	NA	440	NA	No sample attempted at this interval due to the presence of very dense clay in split spoon.
19	BP-VPB-44-451452	450	ND	Good sample.
20	NA	460	NA	No sample collected at this interval due to clogginig of hydropunch screen with silt and clay after first attempt; no second attempt made.
21	NA	480	NA	No sample collected at this interval. Made two unsuccessful attempts.
22	NA	490	NA	No recovery after first hydropunch attempt; no second attempt made due to silty fine sand clogging screen.
23	BP-VPB-44-501502	500	ND	Collected good sample on second attempt.
24	BP-VPB-44-521522	520	ND	Sample has the appearance of cross-contamination with drilling mud.
25	BP-VPB-44-540541	540	ND	Good sample.
26	BP-VPB-44-560561	560	ND	Sample has the appearance of cross-contamination with drilling mud.
27	BP-VPB-44-580581	580	ND	Good sample.
28	NA	600	NA	No sample attempted at this interval due to the presence of very dense clay in split spoon.
29	BP-VPB-44-610611	610	ND	Sample has the appearance of cross-contamination with drilling mud.
30	BP-VPB-44-620621	620	ND	Sample has the appearance of cross-contamination with drilling mud.
31	BP-VPB-44-640641	640	ND	Sample has the appearance of cross-contamination with drilling mud; also, high specific conductance (1.06) is consistent with that of drilling mud.
32	BP-VPB-44-660661	660	ND	Sample has the appearance of cross-contamination with drilling mud; also, high specific conductance (1.18) is consistent with that of drilling mud (1.19).
33	NA	680	NA	No sample attempted at this interval due to the presence of dense clay in split spoon.
34	BP-VPB-44-690691	690	ND	Sample has the appearance of cross-contamination with drilling mud; also, high specific conductance (1.30) is consistent with that of drilling mud.
35	BP-VPB-44-701702	700	2	Good sample.

TABLE 3-2
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 44
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
36	BP-VPB-44-721722	720	3	Good sample.
37	BP-VPB-44-741742	740	2	Good sample.
38	NA	760	NA	No sample could be collected at this interval due to fine sand clogging hydropunch screen.
39	NA	770	NA	No sample could be collected at this interval due to fine sand clogging hydropunch screen.
40	BP-VPB-44-781782	780	3	Good sample.
41	BP-VPB-44-801802	800	3	Good sample.
42	NA	820	NA	No attempt was made at this interval due to the presence of clay in the split spoon.
43	BP-VPB-44-832833	830	1.6	Good sample.
44	NA	850	NA	No attempt was made to collect a ground water sample at this interval-end of borehole.

Notes:

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

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

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 850 feet.

TABLE 3-3
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 45
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
1	BP-VPB-45-053054	50	2	Possible cross-contamination with drilling mud: specific conductance (1.49) is consistant with that of drilling mud.
2	BP-VPB-45-102103	100	5	Good sample
3	BP-VPB-45-152153	150	23	Good sample
4	BP-VPB-45-202203	200	19	Good sample
5	BP-VPB-45-222223	220	23	Good sample
6	BP-VPB-45-242243	240	20	Good sample
7	BP-VPB-45-262263	260	21	Good sample
8	BP-VPB-45-282283	280	ND	Good sample
9	NA	300	NA	No sample obtained at this interval. No recovery after first attempt. No second attempt was made due to clay/silt observed on hydropunch screen after first attempt.
10	BP-VPB-45-322323	320	ND	Good sample
11	BP-VPB-45-342343	340	ND	Good sample
12	NA	360	NA	No attempt to obtain a ground water sample at this interval due to lithology observed in the split spoon (very dense clay).
13	BP-VPB-45-382383	380	1	Good sample
14	NA	400	NA	No sample obtained at this interval. No recovery after first attempt. No second attempt was made due to clay observed on hydropunch screen after first attempt.
15	NA	410	NA	No sample obtained at this interval. No recovery after first attempt. No second attempt was made due to clay observed on hydropunch screen after first attempt.
16	NA	420	NA	No sample obtained at this interval. No recovery after first attempt. No second attempt was made.
17	NA	430	NA	No attempt to obtain a ground water sample at this interval due to lithology observed in the split spoon (very dense clay).
18	NA	440	NA	No attempt to obtain a ground water sample at this interval due to lithology observed in the split spoon (very dense clay).
19	BP-VPB-45-452453	450	ND	No recovery on first attempt. Good sample collected on second attempt at this interval.
20	BP-VPB-45-462463	460	140 [4]	Good sample
21	BP-VPB-45-482483	480	23 [4]	Good sample
22	BP-VPB-45-502503	500	170[3][4]	Good sample
23	BP-VPB-45-522523	520	ND	Good sample
24	NA	540	NA	No sample obtained at this interval. No recovery after two attempts. Silt/clay observed on hydropunch screen after second attempt.
25	NA	560	NA	No attempt to obtain a ground water sample at this interval due to the lithology observed in the split spoon (dense silty clay).
26	BP-VPB-45-582583	580	7	No recovery after first attempt. Ground water sample collected on second attempt at this interval.
27	NA	600	NA	No recovery after two attempts, therefore no sample obtained at this interval.
28	NA	610	NA	No sample obtained at this interval. No recovery after first attempt. No second attempt made due to clogging of the screen with silty clay.
29	BP-VPB-45-622623	620	ND	Good sample
30	BP-VPB-45-642643	640	1	Good sample
31	NA	660	NA	No sample obtained at this interval. No recovery after two attempts.
32	BP-VPB-45-672673	670	2	Good sample
33	BP-VPB-45-682683	680	4	Good sample

TABLE 3-3
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 45
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
34	NA	700	NA	No sample was obtained at this inrterval. No recovery after first attempt. No second attempt was made due to clogging of the screen with silty clay after first attempt.
35	BP-VPB-45-711712	710	32	Good sample
36	BP-VPB-45-721722	720	ND	Good sample
37	BP-VPB-45-740741	740	ND	Good sample
38	BP-VPB-45-761762	760	ND	Good sample
39	BP-VPB-45-781782	780	ND	Good sample
40	BP-VPB-45-800801	800	1	Good sample
41	NA	820	NA	No sample taken at this interval due to the identification of the Raritan Confining Unit, indicating the end of the borehole.

Notes:

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

1. Samples were taken on 50-foot centers to 200 feet, then on 20-foot centers thereafter to the total depth of the borehole. In those instances where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval.
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.
3. Reanalysis requested on this sample detected toluene out of the linear range when run at 1x dilution; value exceeded 100 ug/L.

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 820 feet.

4 VOCs consisted of toluene. Electrical tape was used on the hydrophobic ~~samples~~ for ~~[illegible]~~ these samples. Toluene is believed to have resulted from tape, see Table 3-8.

TABLE 3-4
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 46
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
1	BP-VPB-46-5253	50	19	Good sample
2	BP-VPB-46-101102	100	7	Good sample
3	BP-VPB-46-152153	150	4	Good sample
4	BP-VPB-46-202203	200	53	Good sample
5	BP-VPB-46-220221	220	106	Good sample
6	BP-VPB-46-241242	240	22	Good sample
7	NA	260	NA	No sample obtained at this interval. First attempt yielded no sample. No second attempt was made due to the presence of clayey/silty sand in lower portion of split spoon.
8	BP-VPB-46-281282	280	7	Good sample
9	BP-VPB-46-301302	300	3	Good sample
10	NA	320	NA	No attempt was made to obtain a sample at this interval due to the presence of very dense clay in the split spoon.
11	BP-VPB-46-341342	340	ND	Good sample
12	BP-VPB-46-361362	360	ND	Good sample
13	BP-VPB-46-381382	380	ND	Obtained sample on second attempt at this interval.
14	BP-VPB-46-402403	400	ND	Good sample
15	BP-VPB-46-422423	420	ND	Good sample
16	BP-VPB-46-441442	440	ND	Sample has the appearance of cross-contamination with drilling mud.
17	BP-VPB-46-461462	460	ND	Good sample
18	NA	480	NA	No sample obtained from this interval. First attempt yielded insufficient volume, while the second attempt yielded no sample.
19	BP-VPB-46-491492	490	ND	Good sample
20	BP-VPB-46-502503	500	ND	Obtained sample on the second attempt at this interval.
21	BP-VPB-46-521522	520	ND	Sample has the appearance of cross-contamination with drilling mud.
22	BP-VPB-46-541542	540	ND	Obtained sample on second attempt at this interval; hydropunch sampler did not open fully on first attempt.
23	BP-VPB-46-561562	560	ND	Good sample
24	BP-VPB-46-581582	580	ND	Obtained sample on second attempt at this interval.
25	BP-VPB-46-601602	600	ND	Good sample
26	BP-VPB-46-621622	620	ND	Good sample
27	BP-VPB-46-641642	640	ND	Good sample
28	BP-VPB-46-661662	660	ND	Possible cross-contamination with drilling mud based on appearance and high specific conductance (1.59).
29	BP-VPB-46-671672	670	ND	Sample has the appearance of cross-contamination with drilling mud.
30	NA	680	NA	No sample obtained at this interval. First attempt yielded no sample. No second attempt was made due to presence of silty clay on sample screen after first attempt.
31	BP-VPB-46-692693	690	ND	Possible cross-contamination with drilling mud based on appearance and high specific conductance (1.66).
32	BP-VPB-46-702703	700	ND	Possible cross-contamination with drilling mud based on appearance and high specific conductance (1.42).
33	BP-VPB-46-722723	720	ND	Obtained sample on second attempt at this interval.
34	BP-VPB-46-741742	740	ND	Good sample
35	BP-VPB-46-762763	760	ND	Good sample
36	BP-VPB-46-781782	780	ND	Good sample
37	NA	800	NA	No attempt to collect ground water sample due to contents of split spoon (clay).
38	NA	820	NA	No attempt to collect ground water sample at this interval-end of borehole.

TABLE 3-4
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 46
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Notes:

bgs: Below ground surface
NA: Not applicable
ND: Not detected
1. Samples were taken on 50-foot centers to 200 feet, then on 20-foot centers thereafter to the total depth of the borehole.
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.

A good sample is defined as a sample of representative ground water.
Total depth of the boring is 820 feet. Did not take ground water samples after the 780-foot interval due to the presence of clay in the split spoons and clay indicated by drilling.

TABLE 3-5
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 50
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
1	BP-VPB-50-5051	50	1	Good sample.
2	NA	100	NA	Two attempts to collect a ground water sample at this depth were unsuccessful.
3	BP-VPB-50-150151	150	13	Good sample.
4	BP-VPB-50-201202	200	ND	Sample has the appearance of cross-contamination with drilling mud.
5	BP-VPB-50-221222	220	ND	Sample has the appearance of cross-contamination with drilling mud. Also, collect first TOC sample.
6	BP-VPB-50-242243	240	ND	Good sample.
7	BP-VPB-50-261262	260	ND	Good sample.
8	BP-VPB-50-282283	280	ND	Good sample.
9	BP-VPB-50-301302	300	ND	Good sample.
10	NA	320	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (soft-medium clay). Clay layer extended to ~333', therefore an attempt to collect a sample at the next 10' interval (330') was not made.
11	BP-VPB-50-341342	340	ND	Good sample. Also, collect second TOC sample.
12	BP-VPB-50-361362	360	ND	Sample has the appearance of cross-contamination with drilling mud.
13	NA	380	NA	First attempt to collect ground water sample was unsuccessful due to hydropunch screen clogged with very fine sandy silt. No second attempt made-will attempt to collect a ground water sample at next 10' interval (390').
14	BP-VPB-50-390391	390	ND	Sample possibly cross-contaminated with drilling mud based on high specific conductance (1.84) consistant with drilling mud (2.13).
15	BP-VPB-50-401402	400	ND	Good sample.
16	NA	420	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (very dense clay). Clay layer extended to ~436', therefore an attempt to collect a sample at the next 10' interval (430') was not made.
17	BP-VPB-50-440441	440	ND	Good sample collected on second attempt at this interval.
18	NA	460	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (dense clay). Will make an attempt to collect ground water sample at 470'.
19	NA	470	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (dense clay). Will make an attempt to collect ground water sample at 480'.
20	NA	480	NA	Two attempts to collect a ground water sample at this depth were unsuccessful.
21	NA	490	NA	First attempt to collect ground water sample was unsuccessful possibly due to the formation (fine sand with medium-dense clay lenses). No second attempt made-will attempt to collect a ground water sample at next 10' interval (500').
22	BP-VPB-50-500501	500	ND	Good sample.
23	BP-VPB-50-520521	520	ND	Good sample.
24	BP-VPB-50-540541	540	ND	Good sample.
25	BP-VPB-50-561562	560	ND	Good sample.
26	NA	580	NA	Two attempts to collect a ground water sample at this depth were unsuccessful.
27	BP-VPB-50-600601	600	ND	Good sample.
28	BP-VPB-50-621622	620	ND	Possible cross-contamination with drilling mud based on appearance/high specific conductance (1.20).
29	BP-VPB-50-641642	640	ND	Good sample.
30	BP-VPB-50-662663	660	ND	Good sample.
31	NA	680	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (medium-dense clay). Will make an attempt to collect ground water sample at 690'.

TABLE 3-5
GROUND WATER SAMPLE SUMMARY
VERTICAL PROFILE BORING 50
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)[1]	Total VOCs (ug/L)[2]	Comments
32	BP-VPB-50-691692	690	ND	Sample has the appearance of cross-contamination with drilling mud.
33	NA	700	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (very dense clay). Clay layer extended to ~714', therefore an attempt to collect a sample at the next 10' interval (710') was not made.
34	NA	720	NA	Two attempts to collect a ground water sample at this depth were unsuccessful.
35	NA	730	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (medium-dense clay). Will make an attempt to collect ground water sample at 740'.
36	BP-VPB-50-740741	740	ND	Sample has the appearance of cross-contamination with drilling mud.
37	NA	760	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (very dense clay). Clay layer extended to ~778', therefore an attempt to collect a sample at the next 10' interval (770') was not made.
38	BP-VPB-50-780781	780	ND	Sample collected on second attempt at this interval. Sample has the appearance of cross-contamination with drilling mud.
39	BP-VPB-50-800801	800	ND	Good sample.
40	BP-VPB-50-820821	820	2	Good sample collected on second attempt at this interval.
41	NA	840	NA	No attempt to collect ground water sample at this interval due to contents of split spoon (very fine silty sand/clayey sand). Will make an attempt to collect ground water sample at 850'.
42	NA	850	NA	No attempt to collect sample-end of borehole.

Notes:

bgs: Below ground surface
NA: Not applicable
ND: Not detected
1. Samples were taken on 50-foot centers to 200 feet, then on 20-foot centers thereafter to the total depth of the borehole. In those instances where a sample could not be obtained from the designated interval, an attempt was made at the next 10-foot interval.
2. Does not include laboratory constituents 2-butanone, acetone, and methylene chloride.
A good sample is defined as a sample of representative ground water.
Total depth of the boring is 850 feet.

TABLE 3-6
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 43
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB-060501	NA	ND	Laboratory-supplied trip blank.
2	BP-TB-060601	NA	ND	Laboratory-supplied trip blank.
3	BP-RB-060701	NA	ND	Rinsate blank performed on hydropunch sampler.
4	BP-VPB-43-DM380	380	ND	Sample of drilling mud at the 380' interval.
5	BP-VPB-43-DUP1	380	ND	Duplicate of BP-VPB-43-381382.
6	BP-TB-061101	NA	ND	Laboratory-supplied trip blank.
7	BP-VPB-43-DUP2	500	ND	Duplicate of BP-VPB-43-501502.
8	BP-TB-061301	NA	ND	Laboratory-supplied trip blank.
9	BP-RB-061301	NA	ND	Rinsate blank performed on hydropunch sampler.
10	BP-VPB-43-DM680	680	ND	Sample of drilling mud at the 680' interval.
11	BP-TB-061801	NA	ND	Laboratory-supplied trip blank.

Notes:

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

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

TABLE 3-7
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 44
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB041901	NA	ND	Laboratory-supplied trip blank.
2	BP-TB042401	NA	ND	Laboratory-supplied trip blank.
3	BP-VPB-44-DM240	240	1	Sample of drilling mud at the 240' interval.
4	BP-VPB-44-DUP1	260	35	Duplicate of BP-VPB-44-262263.
5	BP-RB-042401	NA	ND	Rinsate blank performed on hydropunch sampler.
6	BP-TB-0425-01	NA	ND	Laboratory-supplied trip blank.
7	BP-TB-043001	NA	ND	Laboratory-supplied trip blank.
8	BP-VPB-44-DUP2	420	ND	Duplicate of BP-VPB-44-421422.
9	BP-RB-050101	NA	ND	Rinsate blank performed on hydropunch sampler.
10	BP-TB-050201	NA	ND	Laboratory-supplied trip blank.
11	BP-VPB-44-DUP3	580	ND	Duplicate of BP-VPB-44-580581.
12	BP-VPB-44-DM660	660	ND	Sample of drilling mud at the 660' interval.
13	BP-TB-050701	NA	ND	Laboratory-supplied trip blank.
14	BP-VPB-44-DUP4	720	2	Duplicate of BP-VPB-44-721722.
15	BP-VPB-44-DUP5	800	2	Duplicate of BP-VPB-44-801802.
16	BP-TB-050901	NA	ND	Laboratory-supplied trip blank.
17	BP-VPB-44-DM820	820	2	Sample of drilling mud at the 820' interval.
18	BP-RB-050901	NA	ND	Rinsate blank performed on hydropunch sampler.

Notes:

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

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

TABLE 3-8
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 45
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB-031501	NA	ND	Laboratory-supplied trip blank.
2	BP-TB-031901	NA	ND	Laboratory-supplied trip blank.
3	BP-RB-032001	NA	ND	Rinsate blank performed on hydropunch sampler.
4	BP-VPB-45-DM280	280	ND	Sample of drilling mud at the 280' interval.
5	BP-VPB45-DUP1	320	ND	Duplicate of BP-VPB-45-322323.
6	BP-TB-032101	NA	ND	Laboratory-supplied trip blank.
7	BP-TB-032601	NA	ND	Laboratory-supplied trip blank.
8	BP-VPB-45-DM600	600	1	Sample of drilling mud at the 600' interval..
9	BP-TB-032801	NA	ND	Laboratory-supplied trip blank.
10	BP-RB-033001	NA	ND	Rinsate blank performed on hydropunch sampler.
11	BP-TB-040201	NA	ND	Laboratory-supplied trip blank.
12	BP-VPB45-DUP2	720	ND	Duplicate of BP-VPB-45-721722.
13	BP-VPB45-DUP3	780	ND	Duplicate of BP-VPB-45-781782.
14	Tape Blank	NA	7,514	Sample of electrical tape used on hydropunch at several depths. Placed a 1.5-inch piece of electrical tape into a VOA vial, then filled the vial with laboratory-supplied DI water to zero head space.
15	BP-VPB45-DUP4	800	2	Duplicate of BP-VPB-45-800801.
16	BP-RB040301	NA	ND	Rinsate blank performed on hydropunch sampler.

Notes:

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

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

TABLE 3-9
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 46
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-TB-020701	NA	ND	Laboratory-supplied trip blank.
2	BP-VPB-46-DUP1	150	6	Duplicate of BP-VPB-46-152153.
3	BP-RB-020901	NA	ND	Rinsate blank performed on hydropunch sampler.
4	BP-TB-021201	NA	ND	Laboratory-supplied trip blank.
5	BP-RB-021301	NA	ND	Rinsate blank performed on hydropunch sampler.
6	BP-TB-021401	NA	ND	Laboratory-supplied trip blank.
7	BP-VPB-46-DUP2	420	ND	Duplicate of BP-VPB-46-422423
8	BP-DM440	440	ND	Sample of drilling mud at the 440' interval.
9	BP-TB-021901	NA	ND	Laboratory-supplied trip blank.
10	BP-TB-022101	NA	ND	Laboratory-supplied trip blank.
11	BP-RB-022301	NA	ND	Rinsate blank performed on hydropunch sampler.
12	BP-TB-022601	NA	ND	Laboratory-supplied trip blank.
13	BP-TB-022801	NA	ND	Laboratory-supplied trip blank.
14	BP-TB-030801	NA	ND	Laboratory-supplied trip blank.
15	BP-VPB-46-DUP3	780	ND	Duplicate of BP-VPB-46-781782
16	BP-VPB-46-DM790	790	ND	Sample of drilling mud at the 790' interval.

Notes:

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

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

TABLE 3-10
QA/QC SAMPLE SUMMARY
VERTICAL PROFILE BORING 50
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

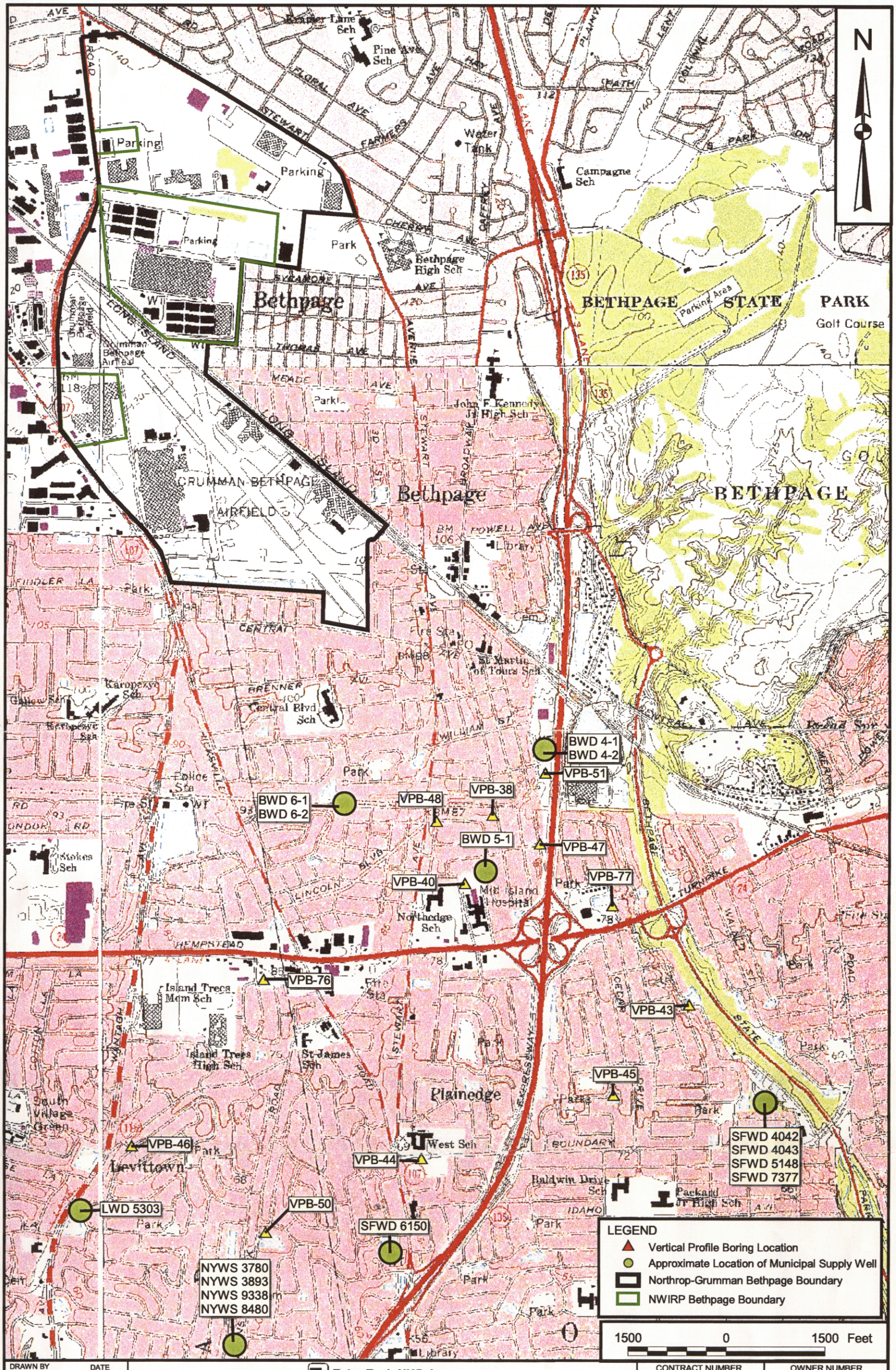
Number	Sample ID	Depth (bgs)	Total VOCs (ug/L)[1]	Comments
1	BP-VPB-50-DUP1	150	13	Duplicate of BP-VPB-50-150151
2	BP-TB-091801	NA	ND	Laboratory-supplied trip blank.
3	BP-TB-091901	NA	ND	Laboratory-supplied trip blank.
4	BP-VPB-50-DUP2	340	ND	Duplicate of BP-VPB-50-341342
5	DM-380	380	ND	Sample of drilling mud at the 380' interval.
6	BP-RB-092101	NA	ND	Rinsate blank performed on the hydropunch sampler.
7	BP-TB-092401	NA	ND	Laboratory-supplied trip blank.
8	BP-TB-092601	NA	ND	Laboratory-supplied trip blank.
9	BP-VPB-50-DUP3	620	ND	Duplicate of BP-VPB-50-621622
10	BP-RB-092801	NA	ND	Rinsate blank performed on the hydropunch sampler.
11	BP-TB-100101	NA	ND	Laboratory-supplied trip blank.

Notes:

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

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

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



DRAWN BY	DATE	Tetra Tech NUS, Inc.	CONTRACT NUMBER	OWNER NUMBER
J. LAMEY	4/28/00		N4037	—
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			DRAWING NO.	REV
AS NOTED			FIGURE 1	0

Appendix A

VPB-43

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 43
DATE: 6/4/01 - 6/5/01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1020	0						SAND AND GRAVEL	SW	3/4" GRAVEL	0	0	0	0
								/ GW	SUB ANG TO SUB ROUND				
1025	10									0	0	0	0
1030	20						SAND / GRAVEL			0	0	0	0
1040	30									0	0	0	0
1050	40						SAND / GRAVEL	SW		0	0	0	0
								GW					
1110	50												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks: SET UP RIG, PLASTIC, PLYWOOD - MUD TUB
BACKED IN RODS = 1500 ON 6/4/01 / START W 8" BIT (MUD ROT)

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6-5-01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 e	50	47	.3/1		V. DENSE	YELLOW BRN	SAND - SOME	SW	WET 1" PCS GRAVEL.	1.9	0	0	0
1117	51	100/5					GRAVEL	GW	DROVE HP-1 e				
	52			HP-1					1125 HRS TOOK				
									BP-VPB-43-~~051052~~ -051052				
1245	60						SAND W/ ZONES		@ 1230 HRS	0	0	0	0
							OF CLAY.						
1255	70									0	0	0	0
1305	80						SAND WITH CLAY	SC		0	0	0	0
							TR GRAVEL	SM					
1315	90									0	0	0	0
									RECIRCULATE CUTTINGS TILL 1330 to REMOVE CUTTINGS FROM BOREHOLE.				
	100												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 43
DATE: 6/5/01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-2	100	41 / 100	.3/.8		V DENSE	ORANG BRN	F/M SAND	SP	WET MICACEOUS	0	0	0	0
@ 1325	102	4		HP-2 101-102					DROVE HP-2 @ 1335 (101-102) 1435 TOOK [BP VPB 43-101102]				
1445	110						SAME				0	0	0
1450	120						SAME				0	0	0
1455	130						SAME				0	0	0
1500	140						SAME				0	0	0
	150												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 43
DATE: 6-5-01 / 6-6-01
GEOLOGIST: CONTI
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Drilling BZ**
	S-3	150	50/100	.4/1		V DENSE	GRAY BRN	F/M SAND	SP	WET MICACEOUS-DRIVE	0	0	0	0
6/5	@ 1530	151		5	HP-3					HP-3 @ 1540 HRS TOOK				
6/6		152								BP-VPB-43-151 152 @ 1640 HRS				
										NO PARAMETERS TAKEN - NOT SUFF. VOLUME.				
	0900	160						SAME				0	0	0
	0910	170						SAME				0	0	0
	0930	180						SAME	SP			0	0	0
	0945	190						SAME						
		200												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks: SET 6" PVC CAS ON 6/5/01 TO 150'

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 43
DATE: 6/6/01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-4 @	200	18/12	.6/2		V DENSE	ORANG BRN	F/M SAND - TR CLAY	SP	WET TOOK TOC HERE	0	0	0	0
1000		32/41					LENS.		DRIVE HP-4 @ 1005				
	202			HP-4					TOOK BP-VPB-43-202203 @ 1050 HRS				
	203												
	210						SAME			0	0	0	0
S-5 @	220	51							WET	0	0	0	0
1105	221	100/6"	.5/1	HP-5	V. DENSE	BLK BRN	F/M SAND - TR GRAVEL - SOME LIGNITE	SP	DROVE HP-5 @ 1110				
	222								TOOK BP-VPB-43-221222 @ 1210 VOAS LESS TURBID THAN VOL. COLLECTED FOR PARAMETERS.				
	230										0	0	0
							SAME						
S-6 @	240	40/100	.5/1	HP-6	V DENSE	GRAY	SILTY F/M SAND TR. LIGNITE PCS.	SM/SP	WET MICACEOUS	0	0	0	0
1240	241	6"							DROVE HP-6 @ 1245 ±				
	242								TOOK BP-VPB-43-241242 @ 1330 HRS				
	250						SAME.						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6/6/01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	250						SAME						
S-7 @	260	50	.5/1		V DENSE	GRAY	SILTY F/M SAND-TR	SP SM	WET (BOTM MOIST) MICACEOUS	0	0	0	0
1355	261	100/6"		HP-7			LIGNITE		DROVE HP-7 @ 1400 HRS ±				
	262								TOOK BP-VPB-43-261262 @ 1500 HRS				
	270						SAME				0	0	0
S-8	280												
@ 1520	281	31/60/4	.4/.7	HP-8	V DENSE	GRAY	SILTY F/M SAND	SP SM	WET MICACEOUS	0	0	0	0
	282								DROVE HP-8 @ 1525 HRS				
									TOOK BP-VPB-43-281282 @ 1615 HRS				
									ONLY 1 VOA VIAL FILLED.				
	290								GRAY- V TURBID				
									MIX OF MUD/GW ?				
	300												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6/6/01 AND 6/7/01
GEOLOGIST: CONTI
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
		300												
	S-9 @	302	22/60	1/1.5	HP-9	V DENSE	GRAY	SILTY F SAND - TR	SM	MOIST → WET MICACEOUS	0	0	0	0
6/6	1635	303	100/4"					CLAY - LIGNITE		DROVE HP-9 @ 1640 HRS				
6/7										TOOK BP-VPB-43-302303 @ 1720 HRS				
↓		310						SAME.				0	0	0
	S-10	320												
	@ 0805	321	48/100	-5/1	HP-10	V. DENSE	GRAY	CLAYEY SILT	ML	MOIST	0	0	0	0
		322	3"			/STIFF				DROVE HP-10 @ 0810±				
										TOOK BP-VPB-43-321322 @ 0910 (1 VIAL ONLY)				
		340								MIX OF GW & MUD ?				
		330						SAME				0	0	0
	S-11	340	41/100	-4/1										
	@ 0930	341	6		HP-11	DENSE	GRAY	F/M SAND	SP	WET - TOOK TOC HERE.	0	0	0	0
		342								DRIVE HP-11 @ 0930 HRS.				
										TOOK BP-VPB-43-341342 @ 1030 HRS.				
		350								GRAY V. TURBID ? MIX OF GW/MUD ?				

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 43
DATE: 6-7-01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	350												
							SAME				0	0	0
S-12	360												
@ 1100	361	51/50/6	.5/1		V. DENSE	GRAY	SILTY F/M SAND	SP	WET MICACEOUS	0	0	0	0
	362			HP-12 @ 1200 (NO REC)					DRIVE HP-12 @ 1100 HRS ±				
									NO RECOVERY OF WATER — SCREEN EXPOSED ≈ 10"				
	370								SILTY, BUT NO WATER. GO TO NEXT INT. AT 380		0	0	0
									TOOK BP-VPB-43-DM380 MUD SAMPLE				
S-13	380	36/100/61	.5/1										
@ 1220	381			HP-13	V DENSE	GRAY	SILTY F/M SAND - TR		WET (MICA)	0	0	0	0
	382					TR. BLK	CLAY & LIGNITE PCS.		DRIVE HP-13 @ 1225				
									TOOK BP-VPB-43-381382 @ 1335 HRS				
	390								ALSO DUP HERE				
							SAME		BP-VPB-43-DUP1				
	400												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6/7/01 / 6/8/01
GEOLOGIST: CONTI
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
6/7	S-14	400	61	.4/1	HP-14	V. DENSE	GRAY	SILTY F SAND - TR.	SM SP	MICACEOUS WET	0	0	0	0
	@ 1400	401	100/6		(NO REC)			M. SAND		DROVE HP-14 @ 1405 HRS.				
		402								1500 - NO REC SCREEN OPEN ≈10'				
										SILTY - BUT NO WATER TO SAMPLE.				
		410								GO TO 420'				
												0	0	0
	S-15	420	51		HP-15									
↑	@ 1530	421	100/6	.5/1		V DENSE	GRAY	SILTY F. SAND	SM SP	WET - MICACEOUS DROVE HP-15 @	0	0	0	0
6/7		422								1535 HRS TOOK				
6/8										BP-VPB-43-421422 @ 1645 HRS (70m.)				
↓		430												
								SAME				0	0	0
6/8	S-16	440												
	@ 0930	441	49 100/6"	.6/1	HP-16	V DENSE	GRAY	SILTY F SAND - LAM. W/ LIGNITE		WET MICACEOUS	0	0	0	0
		442								DROVE HP-16 @ 0935 HRS.				
6/11										TOOK BP-VPB-43-441442 @ 1025 1 VIAL ONLY				
		450												

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm):

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6/8/01 / 6/11/01
GEOLOGIST: CONTI
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
6/11 ↓		450						SAME				0	0	0
	5-17	460								WET / MICACEOUS				
	@ 1310	461	61 / 100/6	.5/1	HP-17	V DENSE	GRAY	SILTY F/M SAND	SM/SP	DROVE HP-17@ 1315 HRS	0	0	0	0
		462								TOOK BP-VPB-43-461462 @ 1420 1 VIAL ONLY				
										LOOKS LIKE GW ?				
		470												
								SAME				0	0	0
								COULD BE SOME CLAY ABOVE 480 I						
	5-18	480								WET - MICACEOUS				
	@ 1445	481	33 / 100/6	.4/1	HP-18	DENSE	GRAY	SILTY F/M SAND - TR	SM/SP	DROVE HP-18@ 1450 HRS	0	0	0	0
		482						CLAY & GRAVEL IN WASH		TOOK BP-VPB-43-481482 @ 1610 HRS.				
										1 VIAL ONLY - HAD TO FILL REMAINING				
										1/4" W/ MATERIAL FROM SCREEN.				
	5-19	490			HP-19									
	@ 1630	491	51 / 100/6	.4/1		V DENSE	GRAY	SILTY F/M SAND	SM/SP	WET MICACEOUS DRIVE HP-19@ 1640 HRS.	0	0	0	0
6/11		492								TOOK BP-VPB-43-491492 @ 1740 HRS				
6/12										1 VIAL ONLY 10" SCREEN EXPOSE AND WAS SANDY				
		500												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

Well Well Yes No Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6-12-01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-20 @	500	51 / 100%	.5/1	HP-20	V DENSE	GRAY	F/M SAND - NOT AS	SP	WET MICACEOUS	0	0	0	0
	501						MUCH SILT OBSERVED IN S-20 AS PREVIOUS		DROVE HP-20 @ 0850 HRS.				
	502								TAKE BP-VPB-43-501 502 TOOK DUP 2 HERE ALSO.				
	510												
							SAME				0	0	0
S-20	520												
@ 1020	521	50 / 100%	.5/1	HP-21	V. DENSE	GRAY	F/M SAND - SILTY TR	SP	WET MICACEOUS	0	0	0	0
	522						LIGNITE TOP 3"		DROVE HP-21 @ 1025 HRS.				
									TOOK BP-VPB-43-521 522 @ 1135 HRS (1 VIAL)				
	530								GW/MUD MIX ?				
							SAME.				0	0	0
S-22	540								WET MICACEOUS				
@ 1155	541	53 / 100%	.2/1	HP-22	V DENSE	GRAY	LIGNITE/SAND (POOR REC)	SP/SM	DROVE HP-22 @	0	0	0	0
	542					TO DK GRAY		/ML	1200 HRS. TOOK BP-VPB-43-541 542 @ 1310 HRS (1 VIAL.) 10" SCREEN EXPOSED W/ SILTY SAND LOOKS LIKE GW MUD MIX.				
	550												

* When rock coring, enter rock brokeness.

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

Drilling Area:

Background (ppm):

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6/12/01
GEOLOGIST: CONTI
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
6/12		550						SAME				0	0	0
	S-23	560	50/100	.3/1										
6/12	@ 1340	561	/6		HP-23	V DENSE	GRAY	F/M SAND - TR	SM/SP	WET, MICA.	0	0	0	0
↑					HP-24			LIGNITE		DRIVE HP-23 @ 1250 HRS.				
		562												
6/13 ↓								NO REC - 2 TRYS AT 561 SCREEN WAS EXPOSED BOTH TIMES - COATED WITH SILTY SAND, BUT NO WATER WAS RECOVERED WILL GO 10' TO 570.		NO REC @ 1500 RETRY HP-24 @ 1515 RETRIEVE @ 1615 NO REC HERE 2ND ATTEMPT				
	S-24	570												
	@ 0885	570.5 571	100/6	.2/.5		V DENSE	GRAY	SILTY F SAND - TR	SM/SP	WET MICACEOUS	0	0	0	0
		572			HP-25			CLAY IN WASH. (POOR REC)		DRIVE HP25 @ 0930 - RETRIEVE AT 0940 HRS TAKE BP-VPB-43-571572				
	S-25	580												
	@ 1015	581	55/100/6	.3/1		V DENSE	GRAY	F/M SAND	SP	WET MICACEOUS	0	0	0	0
		582			HP-26					DRIVE HP-26 @ 1025 HRS ±				
										TAKE BP. VPB-43-581582 @ 1150 HRS (2 VIALS)				
		590												
								SAME				0	0	0
								TO						
		600						SILTY CLAY ≈ 500 TO		500.2 ± SEE PAGE 13.				

* When rock coring, enter rock brokenness.

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

Drilling Area Background (ppm):

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037-0500
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-43
DATE: 6/13/01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
S-26 @ 1220	600	60/100	.5/1		V DENSE	GRAY	F/M SILTY SAND TOP 2" WAS CLAYEY	CL/SP	WET MICACEOUS	0	0	0	0
	601	/6		HP-27			SILT / SILTY CLAY		DRIVE HP-27 @ 1225 HRS.				
	602								TOOK BP-VPB-43-601602 @ 1335 HRS (1 VIAL)				
	610												
							SAME				0	0	0
S-27 @ 1410	620	42/100	.4/1										
	621	/6			V. DENSE	GRAY	F/M SAND - TR. COARSE SAND	SW/SP	WET MICACEOUS	0	0	0	0
	622			HP-28					DRIVE HP-28 1415 HRS				
									TOOK BP-VPB-43-621622 @ 1525 HRS (1 VIAL)				
	630												
							SAME				0	0	0
S-28 @ 1555	640	130/6"	.4/.5										
	641				V DENSE	GRAY	SILTY F SAND	SM	MOIST → WET MICACEOUS	0	0	0	0
	642			HP-29			TR LIGNITE - NOT AS COARSE AS ABOVE.		DRIVE HP-29 @ 1600 HRS.				
									TOOK BP-VPB-43-641642 @ 1710 HRS (2 VIALS)				
	650												

6/13

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6/14/01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
6/14	650						SAME				0	0	0
S-29	660	60/100/4"	.6/.9										
@ 0845	661				V DENSE	GRAY	SILTY F/M SAND	SM/SP	WET MICACEOUS	0	0	0	0
	662			HP-30					DRIVE HP-30 @ 0850 HRS				
									TOOK BP-VPB-43-661662 @ 0950 HRS 1 VIAL				
	670												
							SAME				0	0	0
									TOOK - DRILL MUD BP-VPB-43 DM680 @ 1010				
S-30	680												
@ 1020	681	51/100/6	.8/1		V DENSE	GRAY	SILTY F SAND	SM/SP	WET - MICA.	0	0	0	0
	682			HP-31					DRIVE HP-31 @ 1030 HRS				
									TOOK BP-VPB-43-681682 @ 1130 HRS (1 VAL)				
	690												
							SAME				0	0	0
	700												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6/14/01
GEOLOGIST: CONTI
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-31 @ 1155	700	61/100/4	.5/.7		V DENSE	GRAY	SILTY F SAND/SANDY SILT TR CLAY	SM/SP	WET → MOIST MICA. DRIVE HP-32 @ 1200 HRS	0	0	0	0
	701												
	702			HP-32 70%					TOOK BP-VPB-43-701702				
							DRILLER NOTES CLAY LAYER		@ 1310 HRS (1 VIAL)				
	710			90%							0	0	0
									O-ON SAMPLE-HEADSPACE OF BAGGIE				
S32 @ 1350	720	76/100/1	.5/.6		V DENSE	GRAY	F/M SAND - TR GRAVEL	SW	WET-MICACEOUS 1/2" GRAVEL SUB ROUND	6	0	0	0
	721			HP-33					DRIVE HP-33 @ 1355 HRS. TOOK BP-VPB-43-721722 @ 1505 HRS				
	722												
	730												
							SAME				0	0	0
S-33 @ 1540	740	100/6"	.3/.5										
↑	741				V DENSE	GRAY	SILTY SAND - SOME GRAVEL - TR CLAY (POOR REC) LG GRAVEL 1" IN SPOON SUB ROUND	SM	WET	0	0	0	0
6/14	742			HP-34					DRIVE HP-34 @ 1550 HRS TOOK BP-VPB-43-741742 @ 1700 HRS				
6/15													
↓													
	750												

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm):

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6/15/01 / 6-19-01
GEOLOGIST: CONTI / Shickora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
6/15 ↓	750						SAME				0	0	0
S-34	760												
e 0835	761	100/60	4/1		V DENSE	GRAY	F/C SAND - TR F. GRAVEL	SW	WET	0	0	0	0
	762			HP.35					DRIVE HP-35 @ 0845				
									TOOK BP-VPB-43-761/762 @ 0945 HRS 1 VIAL				
	770			769									
				CL? AY?			SAME TO SILTY CLAY NOTED BY DRILLER 769 TO 776 ±				0	0	0
				776									
S-35	780					DK							
e 1020	781	73/100	5/1		V DENSE	GRAY TO	CLAYEY SILT (TOP 3") TO F/M SAND	ML SP	WET MICA	0	0	0	0
6/15	782			HP.36		LT GRAY			DRIVE HP-36 @ 1030 HRS				
									TOOK BP-VPB-43-781/782 @ 1130 HRS 1 VIAL.				
	790						Silt - Clay based on Drilling						
							Same as above						
	800												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

Well Installed: Yes No Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6-19-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0850	800												
S-36 @	801	150/6	3"				Light Brown - Gray Silty Fine Sand with Trace		(wet) Drive HP-37 @	0	0	0	0
0928	802		6"				clay		0937 hours HP-37 sample				
									collected @ 1045 #BP-VPB-43-802803				
	810						clay based on drilling						
							(some interlayered Gravel)						
1051	820												
S-37 @	821	60/100	4"				Light Gray - Silty Fine Sand with Trace clay		(wet) Drive HP-38 @	0	0	0	0
1110	822	4	10"						1115 hours HP-38 collected				
									@ 1225 hours #BP-VPB-43-821822				
							Clay layer ≈ 825' to 829 feet based on drilling						
	830												
							Silt-Sand-Clay based on drilling						
1242	840												
S-38 @	841	55/100	5"				Gray Silty Fine grain Sand		(wet) Drive HP-39 @	0	0	0	0
1351	842	3	9"						1309 hours HP-38 collected				
									at 1359 hours #BP-VPB-43-841842				
	850						Clay based on drilling						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm):

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-43
DATE: 6-19-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	850												
5-39 @	851	100/5	4"				Dark Gray-Black very dense clay with		(dry)	0	0	0	0
1428	852		5"				Trace lignite		No HP attempted				
				EOB									

* When rock coring, enter rock brokeness.

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

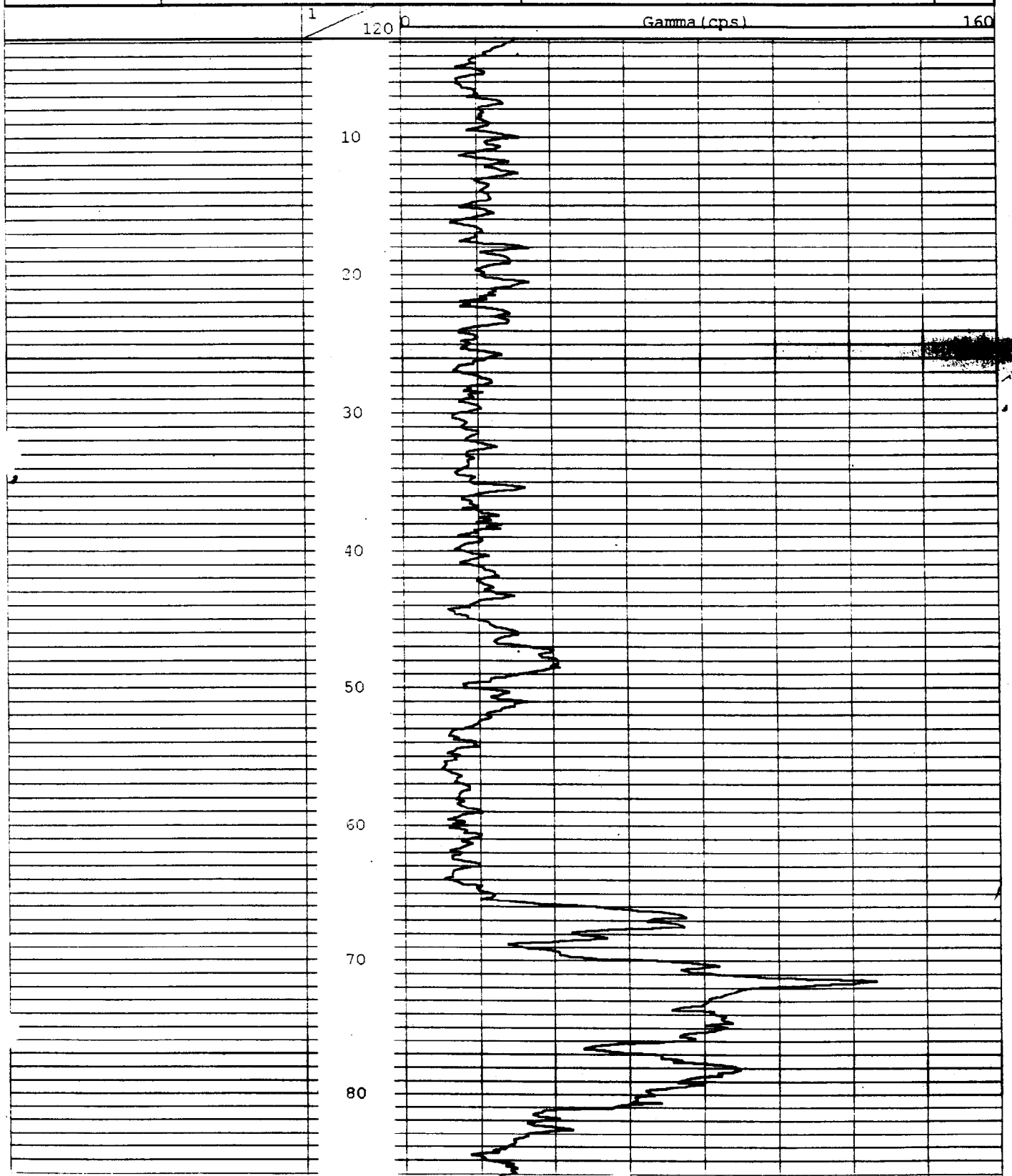
Drilling Area:

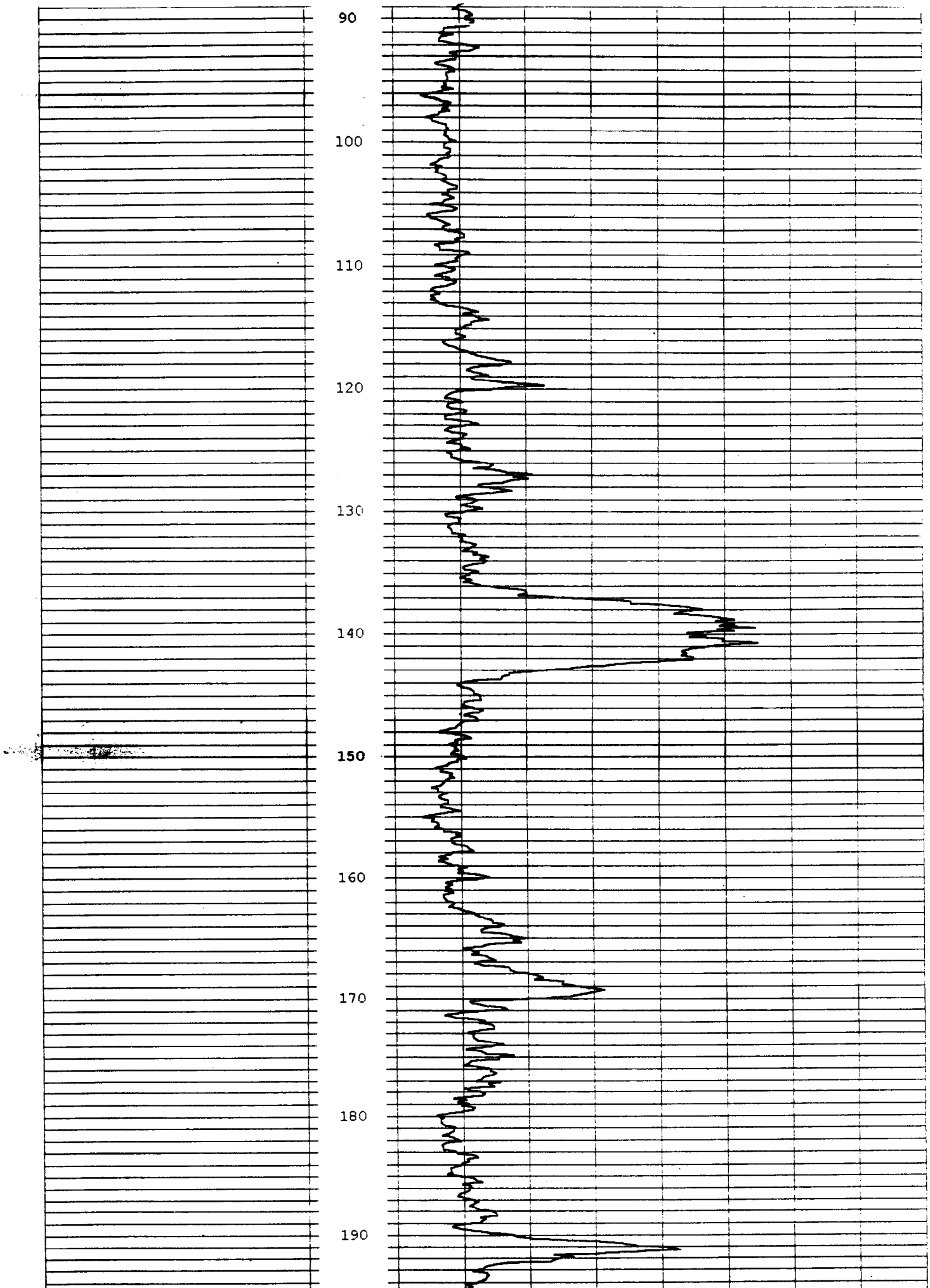
Remarks:

Background (ppm):

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

	COMPANY: UNITECH DRILLING				Casing
	Location: CORNELL & LANGDON, BETHPAGE NY				
Well	NWIRP BETHPAGE VPB-43			Depth Driller 850 FEET Depth Logger 848 FEET	150' 6"PVC
Date	6/19/01	BH Fluid	MUD	Logged by: AQUA TERRA	
File Name				Witness: VINCE SCHICKORA	

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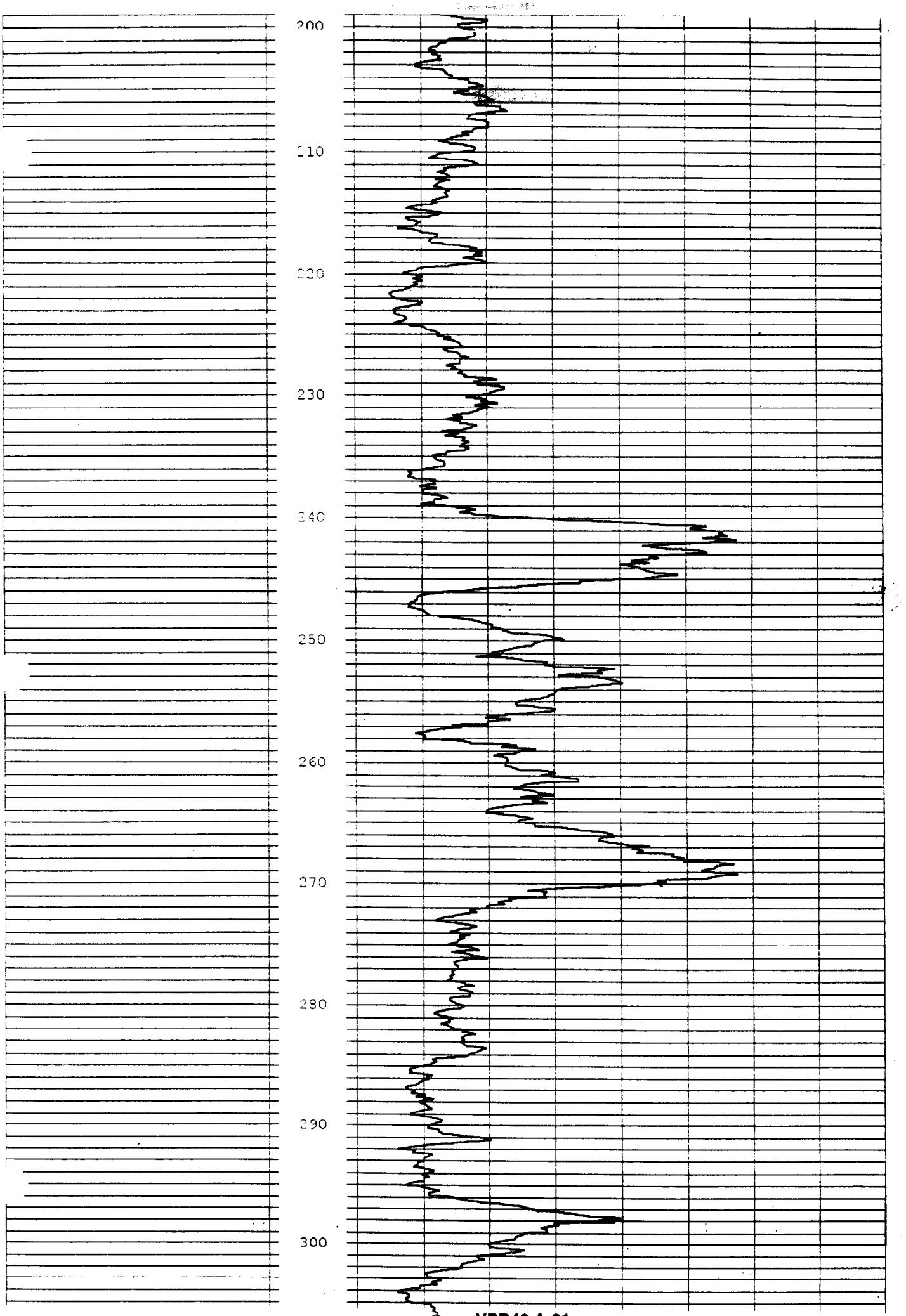
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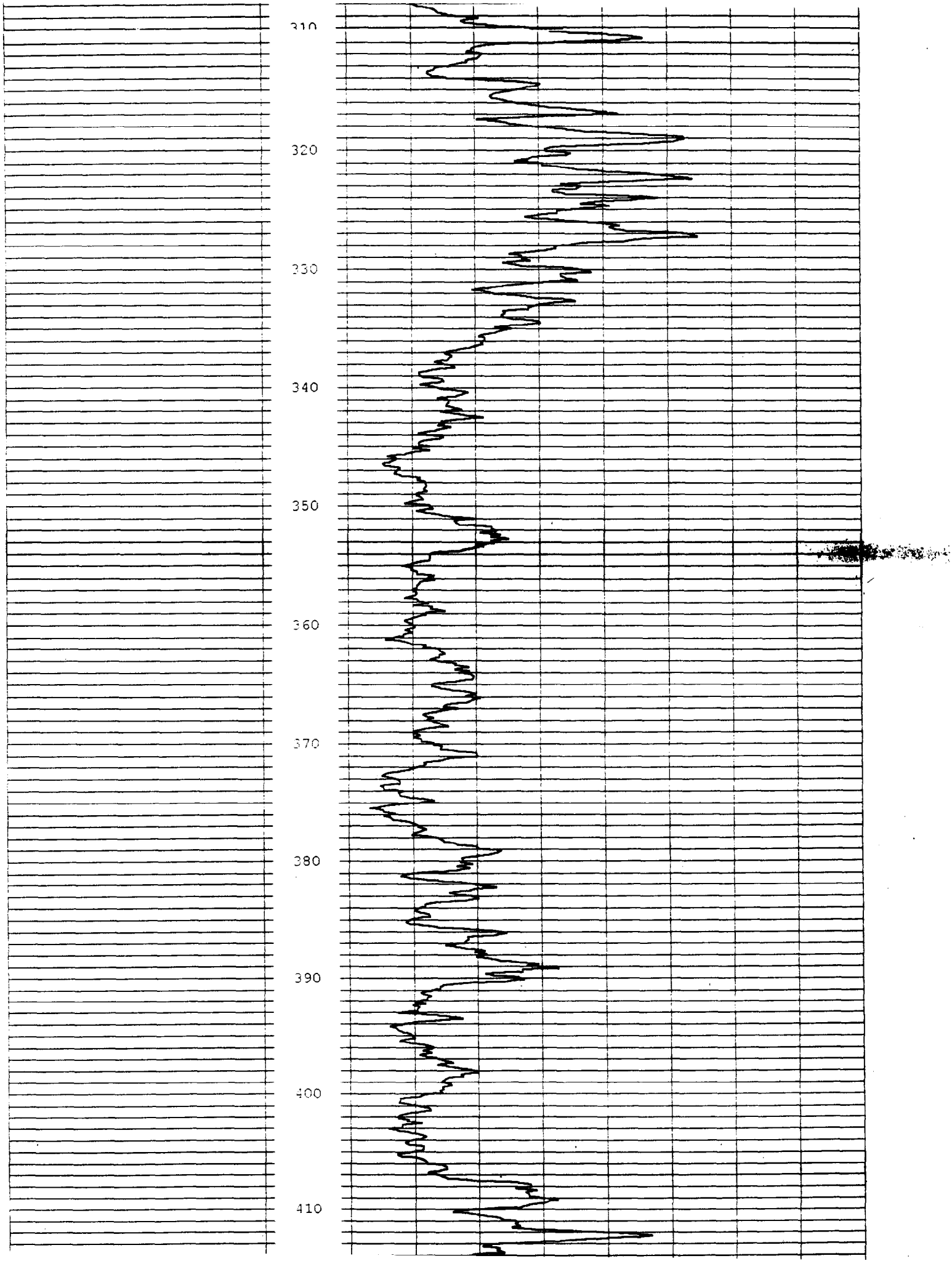
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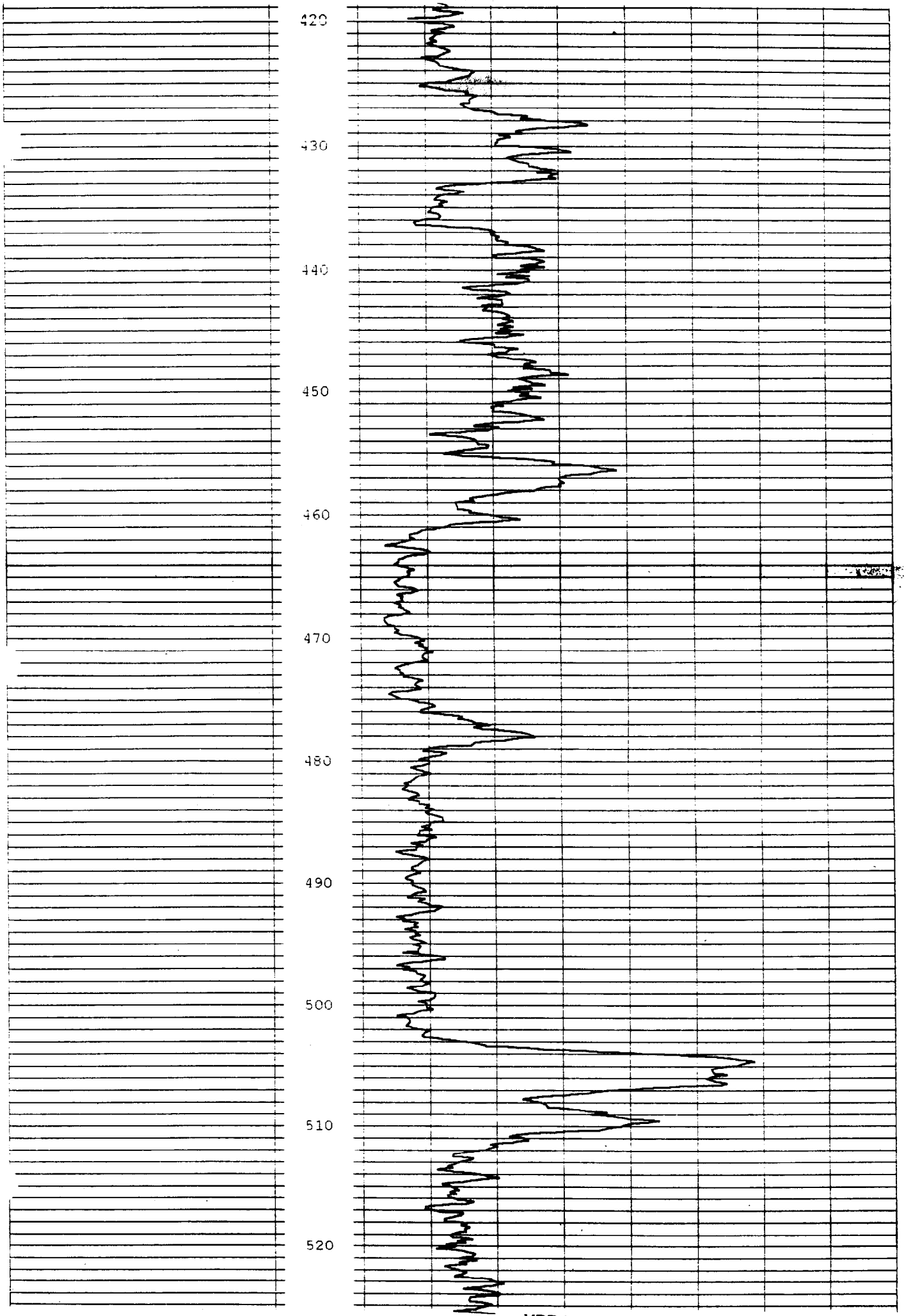
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510
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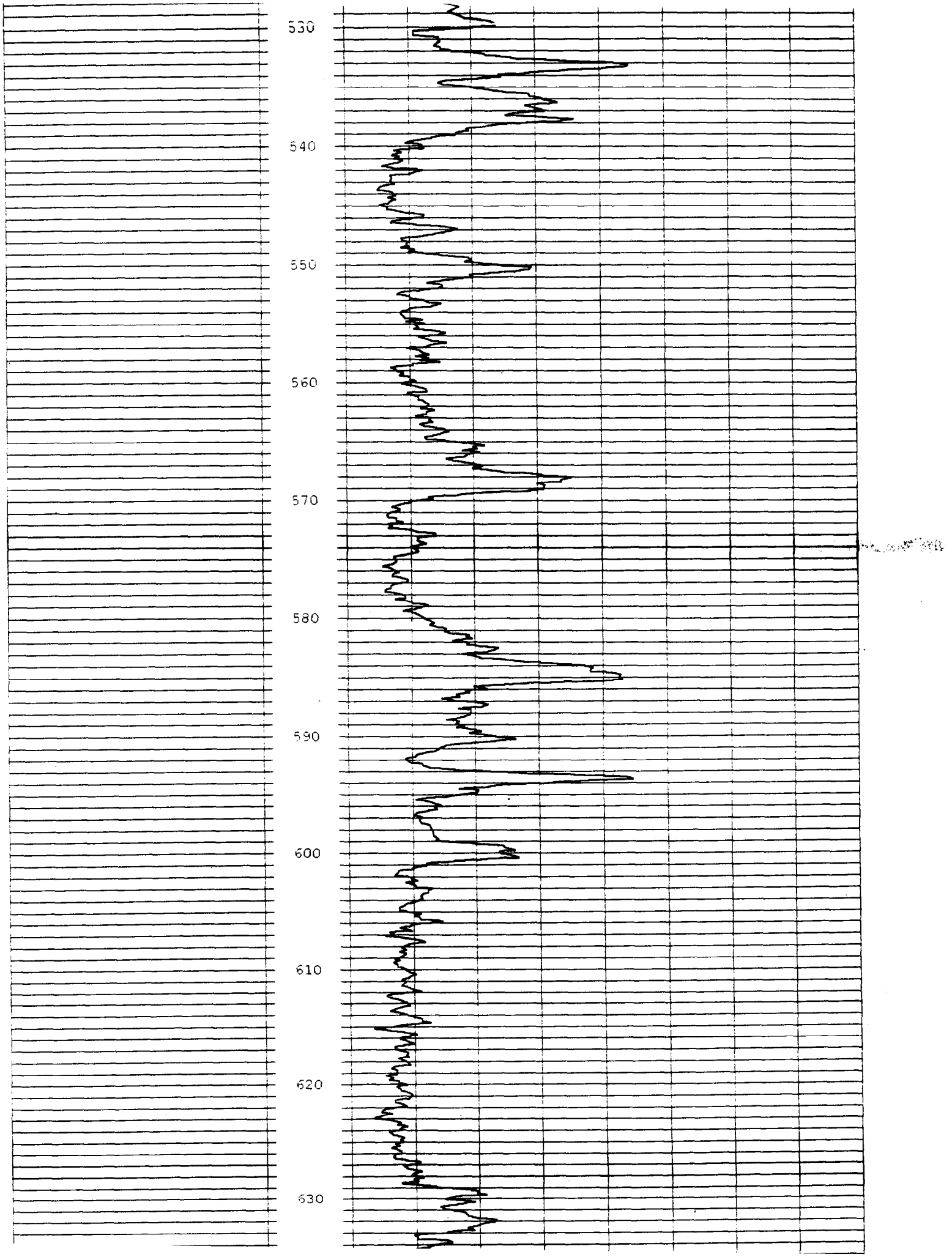
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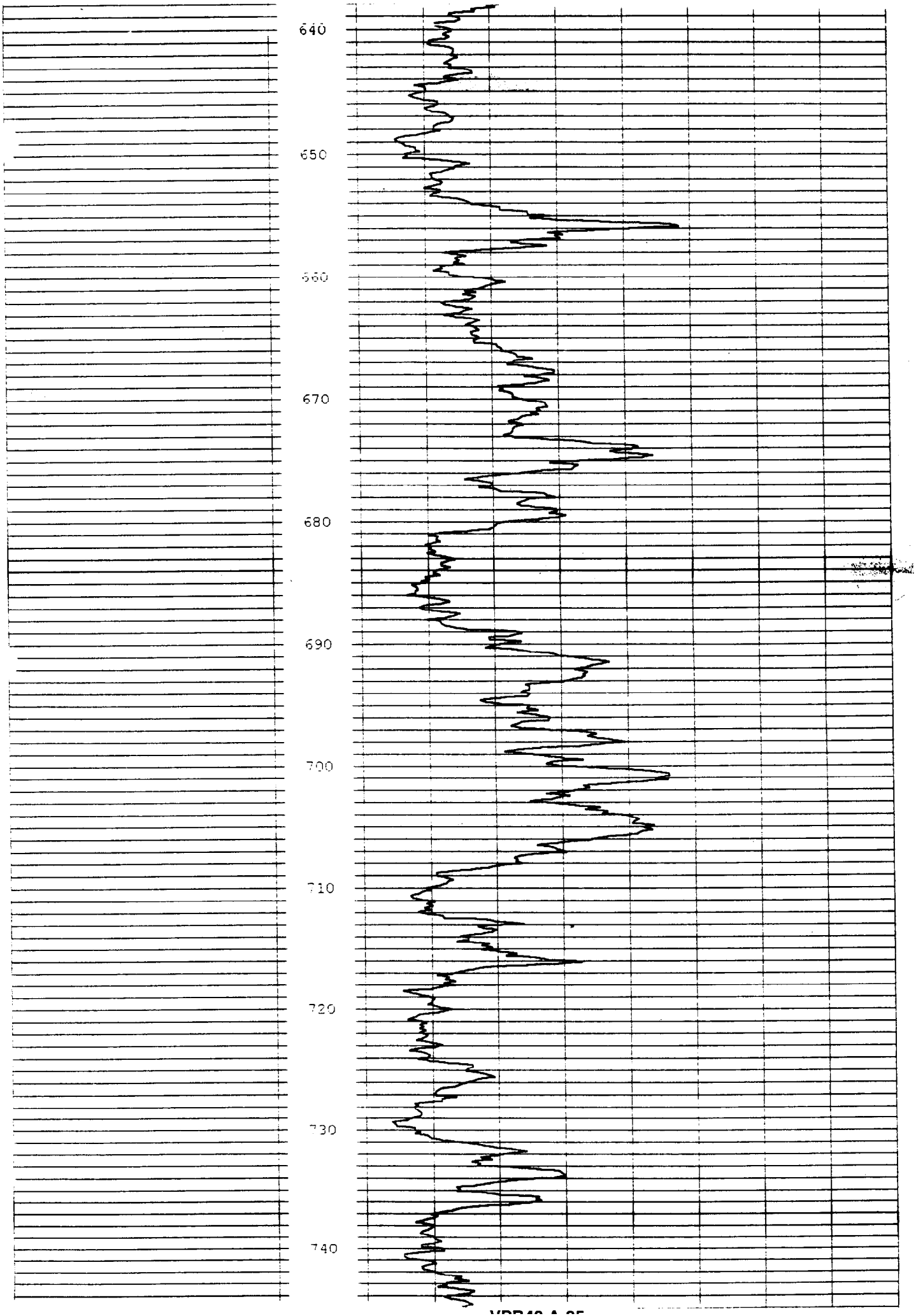
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700
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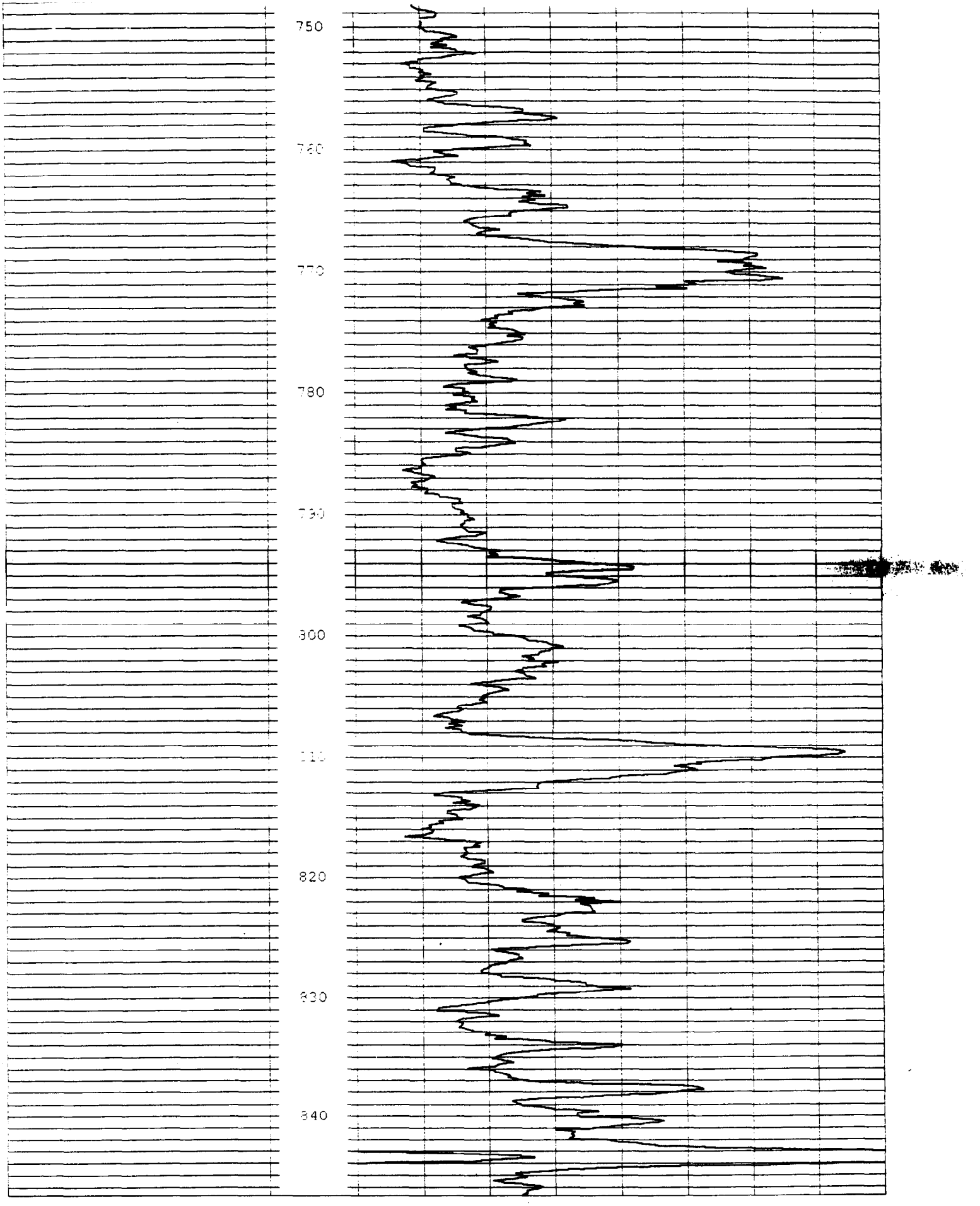
730
740


750
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790
800
810
820
830
840

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-051052
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-5-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1230	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	—	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1125 HRS.

Sample depth (screened interval) = 51 - 52

Screen exposed to formation for minutes. 65

Depth of borehole prior to advancing hydropunch = 51

NOT ENOUGH SAMPLE FOR PARAMETERS

LOOKS LIKE GW ? COULD BE MIX W/ DRILLING MUD.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-101102
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-0601601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-5-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1435	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BRN	5.93	.559	21.8	NA	.82	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1335 HRS

Sample depth (screened interval) = 101→102

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 101

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-151152
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Date: 6/5/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1640								
Method: Hydropunch	BRN	—*	—	—	—	—	—	—

PURGE DATA: V TURBID

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Date: —								
Method: —								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
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 1540 HRS

Sample depth (screened interval) = 151 - 152

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 151

* NOT ENOUGH VOL. FOR PARAMETERS. LOOKS LIKE MOSTLY GROUNDWATER ?

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB- 43-202203
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-6-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1050	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	ORANGE BROWN	4.99	.228	17.4	419	1.67	----	----

PURGE DATA: 4.99

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1005 HRS

Sample depth (screened interval) = 202 - 203

Screen exposed to formation for minutes. 45

Depth of borehole prior to advancing hydropunch = 202

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-221222
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-6-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1210	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	YELLOW BRN	5.22	.251	17.3	999	1.69	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
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 1110

Sample depth (screened interval) = 221 – 222

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 221

VOA SAMPLE LESS TURBID THAN VOL. COLLECTED FOR PARAMETERS

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conte

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-241242
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BB-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/6/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1330	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	5.29	.150	18.1	999	.58	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1245 HRS

Sample depth (screened interval) = 241-242

Screen exposed to formation for minutes. 45

Depth of borehole prior to advancing hydropunch = 241

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-261262
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/6/01 Time: 1500	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Method: Hydropunch	GRAY	5.31	.147	18.8	955	.69	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1400

Sample depth (screened interval) = 261 - 262

Screen exposed to formation for minutes. 60

epth of borehole prior to advancing hydropunch = 261

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-281282
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/6/01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1615								
Method: Hydropunch	GRAY	*					----	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials (1) VIAL	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1525

Sample depth (screened interval) = 281 - 282

Screen exposed to formation for minutes. 50

Depth of borehole prior to advancing hydropunch = 281

* NOT ENOUGH VOL FOR PARAMETERS. LOOKS LIKE MIX OF MUD/GW ?

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-302303
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-6-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1720	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	*					—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1640

Sample depth (screened interval) = 302 - 303

Screen exposed to formation for minutes. 50

Depth of borehole prior to advancing hydropunch = 302

* NOT ENOUGH VOL. FOR PARAMETERS

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conte

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-321322
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/7/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0910	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	V. TURBID	—	-----	-----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0810

Sample depth (screened interval) = 321 - 322

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 321

COULD BE ALL GW OR MUD MIX - ONLY ENOUGH VOLUME FOR 1 VIAL.

SJC.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-341342
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/7/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1030	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	V. TURB	—	-----	-----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials 1 VIAL ONLY	✓
		NOT ENOUGH VOL	
		FOR PARAMETERS	

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0930 HRS

Sample depth (screened interval) = 341 – 342

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 341

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-DM380
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/7/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1205	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: ~~Hydropunch~~ DIRECT FILL	GRAY	5.84	1.13	19.3	V TURBID	1.59	----	----

PURGE DATA: NA

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at DRILLING MUD SAMPLE.

Sample depth (screened interval) =

Screen exposed to formation for minutes.

Depth of borehole prior to advancing hydropunch =

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-381382
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/7/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1335 HRS	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	5.21	.122	17.2	999	2.27	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
d Purge (hrs):								
al 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 1225

Sample depth (screened interval) = 381-382

Screen exposed to formation for minutes. 70

pth of borehole prior to advancing hydropunch = 381

Circle if Applicable:

MS/MSD	Duplicate ID No.: BP-VPB-43-DUP1	Signature(s): SJConti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-421422
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-7-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1645	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	5.72	.102	17.4	999	.67	----	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at ~~1405~~ SJC 1535 HRS

Sample depth (screened interval) = ~~401 - 402~~ SJC 421-422

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = ~~401~~ SJC 421

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-441442
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: — BP-060801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-8-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1025	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	V TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials (1) ONLY	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at

Sample depth (screened interval) =

Screen exposed to formation for minutes.

pth of borehole prior to advancing hydropunch =

ONLY ENOUGH VOL FOR 1 VIAL - NO PARAMETERS TAKEN.

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-461462
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/11/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1420	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY				V TURBID		----	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1315

Sample depth (screened interval) = 461 - 462

Screen exposed to formation for minutes. 65

Depth of borehole prior to advancing hydropunch = 461

ONLY ENOUGH VOL FOR 1 VIAL - LOOKS LIKE GW.

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-481482
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/11/01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1610								
Method: Hydropunch	GRAY				VTURBID		----	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials 1	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1450 TO 1610

Sample depth (screened interval) = 481 - 482

Screen exposed to formation for minutes. 100

Depth of borehole prior to advancing hydropunch = 481

ONLY ENOUGH VOL FOR 1 VIAL.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJConti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-491492
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/11/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1740	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY				TURBID		-----	-----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	~~(2)~~ 40 mL Glass Vials 1 VIAL	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1640

Sample depth (screened interval) = 491-492

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 491

1 VIAL ONLY - LOOKS LIKE GW. MAYBE MIX W/ MUD.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-501502
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/12/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1000	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	6.00	.136	16.7	390	3.33	-----	-----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0850

Sample depth (screened interval) = 501-502

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 501

Circle if Applicable:

MS/MSD	Duplicate ID No.: BP-VPB-43-DUP 2	Signature(s): SJ Conte

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-DUP2
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/12/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0000	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY						----	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at

Sample depth (screened interval) =

Screen exposed to formation for minutes.

Depth of borehole prior to advancing hydropunch =

DUP OF BP-VPB-43-501502

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): S. Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-521522
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/12/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1135	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1025 → 1135

Sample depth (screened interval) = 521-522

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 521

ONLY 1 VAL TAKEN - MIX OF GW AND MUD ?

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-541542
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/12/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1310	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1200

Sample depth (screened interval) = 541 - 542

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 541

1 VIAL ONLY - NOT SUFF. VOLUME - LOOKS LIKE GW/MUD MIX ?

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJConti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-571572
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/12/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0940	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	~~(2)~~ 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0830

Sample depth (screened interval) = 571 - 572

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 571

1 VIAL ONLY - NOT ENOUGH VOL. FOR 2
SCREEN EXPOSED ≈ 9" - SILTY SAND - WET

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-581 582
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/13/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1150	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	6.15	1.19	16.4	—	3.30	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1025

Sample depth (screened interval) = 581-582

Screen exposed to formation for minutes. 85

Depth of borehole prior to advancing hydropunch = 581

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-601602
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 6/13/01								
Time: 1335								
Method: Hydropunch	GRAY	—	—	—	V TURBID	—	----	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1225

Sample depth (screened interval) = 601 – 602

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 601

ONLY 1 VIAL – LOOKS LIKE MIX OF GW AND MUD ? – SCREEN EXPOSED 10" – SOME CLAY W/ SAND ON SCREEN.

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-621622
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-COC 061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/13/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1525	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	V.TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1415

Sample depth (screened interval) = 621-622

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 621

ONLY 1 VIAL - NOT ENOUGH VOLUME. SCREEN EXPOSED 9" ± SANDY.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-641642
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/13/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1710	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	6.41	.574	18.1	—	2.90	----	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1600

Sample depth (screened interval) = 641 - 642

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 641

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-661662
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-14-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0950	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(6) 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0950

Sample depth (screened interval) = 661-662

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 661

ONLY 1 VIAL — SCREEN EXPOSED 9" — SILTY SAND ONLY ENOUGH VOL FOR 1 VIAL — GW/MUD MIX?

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-DM680
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP 061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-14-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1010	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	6.23	1.22	16.3	999	.54	----	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at DRILLING MUD @ 680'±

Sample depth (screened interval) =

Screen exposed to formation for minutes.

Depth of borehole prior to advancing hydropunch =

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): S. Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-681682
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/14/01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1130								
Method: Hydropunch	GRAY	—	—	—	TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	~~(2)~~ 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1030

Sample depth (screened interval) = 681-682

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 681

1 VIAL ONLY.
SCREEN EXPOSED 10"
SILTY SAND
GW/MUD ? MIX.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): SJConti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-701702
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/14/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1310	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	TURBID		—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1200

Sample depth (screened interval) = 701-702

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 701

1 VIAL ONLY
SCREEN EXPOSED 8"
SILTY SAND - TR CLAY.
GW/MUD ? MIX

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-721722
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/14/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1505	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1355

Sample depth (screened interval) = 721-722

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 721

1 VIAL

SCREEN EXPOSED 8"
SILTY SAND - TR. CLAY.
GW/ MUD MIX ?

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJConc

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-741 742
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/14/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1700	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	~~(2)~~ 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1550

Sample depth (screened interval) = 741-742

Screen exposed to formation for minutes. 70

Depth of borehole prior to advancing hydropunch = 741

1 VIAL ONLY
SCREEN EXPOSED 9"
SILTY SAND - TR CLAY.
WET.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-761762
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/15/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0945	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0845

Sample depth (screened interval) = 761-762

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 761

1 VAL ONLY
SCREEN EXPOSED 8"
SILTY SAND
GW / MUD MIX ?

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-43-781782
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-061501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6/15/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1130	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	—	—	—	TURBID	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials (1)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1030

Sample depth (screened interval) = 781-782

Screen exposed to formation for minutes. 60

Depth of borehole prior to advancing hydropunch = 781

1 VIAL ONLY
SCREEN EXPOSED 9"
SILTY SAND - TR CLAY
GW/ MUD MIX ?

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): SJ Conte

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-802803
Sample Location: VPB-43
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-062001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1045	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light Gray	* –	–	–	–	–	–	–

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0940 hours

Sample depth (screened interval) = 802' to 803'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 800'

* insufficient volume for Field Parameters
- Sample appears to be Natural formation water

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: VAS ~~N0585.0200~~ N4037

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

Sample ID No.: BP-VPB-43-821822
Sample Location: VPB-43
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-062001
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA:

Date: 6-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1225	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	* –	–	–	–	–	----	----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1115 hours

Sample depth (screened interval) = 821' to 822'

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 820'

*Insufficient volume for field parameters
- Sample appears to be natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
–	–

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-43-841842
Sample Location: VPB-43
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-062001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 6-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1359	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Light Gray	* –	–	–	–	–	–	–

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1312 hours

Sample depth (screened interval) = 841' to 842'

Screen exposed to formation for 40 minutes.

Depth of borehole prior to advancing hydropunch = 840'

* insufficient volume for field parameter
- Sample appears to be Natural Formation Water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

VPB43-A-04

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: BETHPAGE NWIRP
Project No.:

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

Sample ID No.: BP-VPB-43-200202
Sample Location: ~~NB~~ VPB-43
Sampled By: SJC
C.O.C. No.: BP-040701

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

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6-6-01 Time: 1000 Method: SPLIT SPOON Monitor Reading (ppm): 0	200-202	ORANGE BRN	F/M SAND w SILT - TR CLAY (GRAY)

COMPOSITE SAMPLE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	4 OZ (G)	✓	

OBSERVATIONS / NOTES:

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP BETHPAGE
Project No.: N4037

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

Sample ID No.: BP-VPB-43-340341
Sample Location: VPB-43
Sampled By: SJC
C.O.C. No.: BP-060701

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

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6-7-01 Time: 0930 Method: SPLIT SPOON Monitor Reading (ppm):	340-341	GRAY	F/M SAND - WET

COMPOSITE SAMPLE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	4 oz G	✓	

OBSERVATIONS / NOTES:

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

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

Sample ID Number: BP-TB-060501
Sampled By: SJC
C.O.C. Number: BP-060601

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

SAMPLING DATA:

Date: 5/25/01
Time: 0938
Method:

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s): SJlonta

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-060601
Sampled By: SJC
C.O.C. Number: BP-060801

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

SAMPLING DATA:

Date: 5/25/01
Time: 0934
Method: FROM LAB

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

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

Sample ID Number: BP-RB-060701
Sampled By: SJC
C.O.C. Number: BP-060801

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

SAMPLING DATA:

Date: 6-7-01
Time:
Method: DIRECT FILL

WATER SOURCE:

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

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

Product Name:
Supplier: ECO TEST
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials ~~1 DIRTY~~	✓
		(2) OK	

OBSERVATIONS / NOTES:

Signature(s): SJ Conte

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

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

Sample ID Number: BP-TB-061101
Sampled By: SJC
C.O.C. Number: BP-061301

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

SAMPLING DATA:

Date: 5/25/01
Time: 0930
Method:

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

OBSERVATIONS / NOTES:

Signature(s): SJ Conte

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-061301
Sampled By: SJC
C.O.C. Number: BP-061501

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

SAMPLING DATA:

Date: 6-13-01
Time: 0700
Method: DIRECT FILL

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[X] Other PREPARED AT SITE
[] Tap
[] Fire Hydrant

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s): SJConti

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location:
QA Sample Type:

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

Sample ID Number: BP-RB-061301
Sampled By: SJC
C.O.C. Number: BP-061501

SAMPLING DATA:

Date: 061301
Time: 0955
Method: THRU HYDROPUNCH

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s): SJ Conti

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-43
QA Sample Type:

Sample ID Number: BP-TB-061801
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-062001

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

SAMPLING DATA:

Date: 6-12-01
Time: 1431
Method: Lab supplied

WATER SOURCE:

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

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

Product Name: _____
Supplier: _____
Manufacturer: _____
Order Number: _____
Lot Number: _____
Expiration Date: _____

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS:

Signature(s):

COC # BP-060601

CHAIN OF CUSTODY RECORD

PROJECT NO.: N4031-0500

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's						REMARKS
1	5/24/01	0945		X	BP-TB-060401	2	X						Trip Blank for VPB-47
2	6/4/01	1345		X	BP-VPB-47-721722	2	X						
3	6/4/01	1530		X	BP-VPB-47-741742	1	X						Only enough volume for 1 vial
4	5/24/01	0938		X	BP-TB-060501	2	X						
5	6/5/01	1230		X	BP-VPB-43-051052	2	X						[illegible]
6	6/5/01	1435		X	BP-VPB-43-101102	2	X						
7	6/5/01	1640		X	BP-VPB-43-151152	2	X						
8	6/4/01	1400		X	BP-VPB-47-011740	2	X						Broken vial

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[illegible]	6/4/01 1200				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

CHAIN OF CUSTODY RECORD

COC# BP-060701

PROJECT NO.: N4037	SITE NAME: NWIRP-BETHPAGE
SAMPLERS (SIGNATURE): S. Conti	

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TOC (4oz-G)						REMARKS
1	6/6/01	1000		✓	BP-VPB-43-200202	1	1						
2	6/7/01	0930		✓	BP-VPB-43-340341	1	1						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
S. Conti	6/7/01 1830				
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: TO STL (PITTSBURGH)	

(0498)

VPB43 A-75

CHAIN OF CUSTODY RECORD

COC # BP - 060801

PROJECT NO.: N4037

SITE NAME: NWIRP

SAMPLERS (SIGNATURE): S. Conti

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (40ml Vial)	TOC (4 oz GLASS)					REMARKS
1	5/25/01	0934		✓	BP-TB-060601	2	2						TRIP BLANK FOR VPB 43
~~2~~	~~6/6/01~~	~~1000~~		~~✓~~	~~BP-VPB-43-200202~~	~~1~~		~~1~~					SOIL SAMPLE S/C NO TOC
3	"	1050		✓	BP-VPB-43-202203	2	2						HP-4
4	"	1210		✓	BP-VPB-43-221222	2	2						HP-5
5	"	1330		✓	BP-VPB-43-241242	2	2						HP-6
6	"	1500		✓	BP-VPB-43-261262	2	2						HP-7
7	"	1615		✓	BP-VPB-43-281282	1	1						HP-8
8	"	1720		✓	BP-VPB-43-302303	2	2						HP-9
9	6/7/01	0910		✓	BP-VPB-43-321322	1	1						HP-10
10	"	0915		✓	BP-RB-060701	2	2						THROUGH HYDROPUNCH
11	"	1030		✓	BP-VPB-43-341342	1	1						HP-11
12	"	1205		✓	BP-VPB-43-DM380	2	2						DRILLING MUD SAMPLE
13	"	1335		✓	BP-VPB-43-381382	2	2						HP-13 (NO SAMPLE @ HP-12)
14	"	200		✓	BP-VPB-43-DUP1	2	2						DUP OF BP-VPB-43-381382

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
S. Conti	6/8/01 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:	

(0498)

VPB43 A-76

CHAIN OF CUSTODY RECORD

COC# BP-060801

PROJECT NO.: N1037

SITE NAME: NWIRP - BETHPAGE

SAMPLERS (SIGNATURE): S. Conti

	STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCS (40ml VIAL)						REMARKS
6/7	15	6/7/01	1645		✓	BP-VPB-43-421422	2	2						HP-15
6/8	16	6/8/01	1025		✓	BP-VPB-43-441442	1	1						

VPB43 A-77

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
S. Conti	6/8/01 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:	

(0498)

COC- BP- 061301

CHAIN OF CUSTODY RECORD

PROJECT NO.: N4057

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): S. Conti

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (40ml vial)						REMARKS
1	5/25/01	0930		V	BP-TB-061101	2	2						
2	6/11/01	1420		V	BP-VPB-43-461462	1	1						
3	"	1610		V	BP-VPB-43-481482	1	1						
4	"	1710		V	BP-VPB-43-491492	1	1						
5	6/12/01	1000		V	BP-VPB-43-501502	2	2						
6	"	0900		V	BP-VPB-43-DUP 2	2	2						DUP OF BP-VPB-43-501502
7	"	1135		V	BP-VPB-43-521522	1	1						
8	"	1310		V	BP-VPB-43-541542	1	1						
~~9~~	"			~~V~~	~~BP-VPB-43-~~ SQC								

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
S. Conti	6/13/01 1200				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: ECOTEST PICKED UP AT SECURITY	

6/11 — 6/12

VPB43 A-78

COC # BP-061501

1 OF 2

CHAIN OF CUSTODY RECORD

PROJECT NO.: N4057

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): SJ Conti

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40ml VIALS VOCs						REMARKS
1	6/13/01	0700		✓	BP-TB-061301	2	2						
2	6/13/01	0940		✓	BP-VPB-43-571572	1	1						
3	"	0955		✓	BP-RB-061301	2	2						THRU HYDROPUNCH
4	"	1150		✓	BP-VPB-43-581582	2	2						
5	"	1335		✓	BP-VPB-43-601602	1	1						
6	"	1525		✓	BP-VPB-43-621622	1	1						
7	"	1710		✓	BP-VPB-43-641642	2	2						
8	6/14/01	0950		✓	BP-VPB-43-661662	1	1						
9	"	1010		✓	BP-VPB-43-DM 680	2	2						DRILLING MUD @ 680'
10	"	1130		✓	BP-VPB-43-681682	1	1						
11	"	1310		✓	BP-VPB-43-701702	1	1						
12	"	1505		✓	BP-VPB-43-721722	1	1						
13	"	1700		✓	BP-VPB-43-741742	1	1						
14	"	0945		✓	BP-VPB-43-761762	1	1						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
SJ Conti	6/15/01 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: PICKED UP BY ECOTEST	

VPB43 A-79

3

7/14

/15

(0498)

CHAIN OF CUSTODY RECORD

COC BP - 061501

PROJECT NO.:	SITE NAME:
N4037	NWIRP - BETHPAGE

SAMPLERS (SIGNATURE): S. Conti

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40ml VIAL VOCs						REMARKS
15	6/15/01	1130		✓	BP-VPB-43-781782	1	1				1		

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
S. Conti	6/15/01 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: PICKED UP BY ECOTEST	

VPB43 A-80

(0498)

CHAIN OF CUSTODY RECORD

BP-VPB-062001

PROJECT NO.:	SITE NAME:
N4037-0200	NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40mL Vial VOCs						REMARKS
1	6/13/01	1431		X	BP-TB-061801	2	2						Lab supplied Trip Blank
2	6/19/01	1045		X	BP-VPB-43-802803	1	1						Insufficient volume to fill 2 vials
3	6/19/01	1225		X	BP-VPB-43-821822	1	1						"
4	6/19/01	1359		X	BP-VPB-43-841842	1	1						"
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
	6-20-01 1000				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped Via Laboratory Courier	

VPB43 A-81

(0408)

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212844.04 06/08/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-TB-060501, 0938

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212844.05 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/05/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-43-051052, 1230

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	10	m + p Xylene	ug/L	<2
Acetone	ug/L	43	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212844.06 06/08/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/05/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-43-101102, 1435

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	4
Acetone	ug/L	18
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212844.07 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:06/05/01 RECEIVED:06/06/01

SAMPLE: Water sample, BP-VPB-43-151152, 1640

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: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.01 06/12/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-TB-060601, 0934

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

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.02 06/12/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-202203, 1050

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.03 06/12/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-221222, 1210

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	2	Trichloroethene	ug/L	8
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.04 06/12/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-241242, 1330

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.05 06/12/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-261262, 1500

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.06 06/12/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-281282, 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	5	m + p Xylene	ug/L	<2
Acetone	ug/L	27	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	4			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212878.07 06/12/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/06/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-302303, 1720

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.15 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-321322, 0910

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	11	m + p Xylene	ug/L	<2
Acetone	ug/L	26	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Corrected Report.

DIRECTOR

rn= 16564 VPB43 A-93

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.08 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-RB-060701, 0915

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

cc:

REMARKS: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212878.09 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-341342, 1030

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	24	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.10 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-DM380, 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	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.11 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-381382, 1335

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

cc:

REMARKS: Corrected Report.

DIRECTOR_____

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212878.12 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-DUP1, 0000

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

cc:

REMARKS: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212878.13 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-421422, 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: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212878.14 06/14/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/07/01 RECEIVED:06/08/01

SAMPLE: Water sample, BP-VPB-43-441442, 1025

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

cc:

REMARKS: Corrected Report.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212969.01 06/18/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/25/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-TB-061101, 0930

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

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212969.02 06/18/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/11/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-461462, 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	13	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212969.03 06/18/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/11/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-481482, 1610

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= 17055 VPB43 A-103

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212969.04 06/18/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/11/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-491492, 1740

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212969.05 06/18/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-501502, 1000

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

cc:

REMARKS:

DIRECTOR

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LAB NO:212969.06 06/18/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-DUP2, 0000

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212969.07 06/18/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-521522, 1135

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	14	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212969.08 06/18/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/13/01

SAMPLE: Water sample, BP-VPB-43-541542, 1310

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	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

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LAB NO:213036.01 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-TB-061301, 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

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:213036.02 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-571572, 0940

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

cc:

REMARKS:

DIRECTOR

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LAB NO:213036.03 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-RB-061301, 0955

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

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213036.04 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-581582, 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

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:213036.05 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-601602, 1335

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= 17464 VPB43 A-113

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:213036.06 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-621622, 1525

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:213036.07 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/13/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-641642, 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	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213036.08 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-661662, 0950

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213036.09 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-DM680, 1010

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213036.10 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-681682, 1130

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

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213036.11 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-701702, 1310

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

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213036.12 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-721722, 1505

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

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213036.13 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-741742, 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

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:213036.14 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/14/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-761762, 0945

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:213036.15 06/21/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:06/15/01 RECEIVED:06/15/01

SAMPLE: Water sample, BP-VPB-43-781782, 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

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:213117.01 06/22/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0200
COLLECTED BY: Client DATE COL'D:06/12/01 RECEIVED:06/20/01

SAMPLE: Water sample, BP-TB-061801, 1431

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:213117.02 06/22/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0200
COLLECTED BY: Client DATE COL'D:06/19/01 RECEIVED:06/20/01

SAMPLE: Water sample, BP-VPB-43-802803, 1045

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	28	Xylene	ug/L	<3
Carbon disulfide	**ug/L**	**<1**	**Bromomethane**	**ug/L**	**<1**
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	2
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: One sample vial received.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:213117.03 06/22/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0200
COLLECTED BY: Client DATE COL'D:06/19/01 RECEIVED:06/20/01

SAMPLE: Water sample, BP-VPB-43-821822, 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

rn= 18032 VPB43 A-126

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:213117.04 06/22/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0200
COLLECTED BY: Client DATE COL'D:06/19/01 RECEIVED:06/20/01

SAMPLE: Water sample, BP-VPB-43-841842, 1359

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

NWIRP, Beth Page

Total Organic Carbon

Lab Name:	STL PITTSBURGH	**Method:**	MSA WALKLEY-B
Client Name:	TETRA TECH NUS, INC.	**Lot Number:**	C1F080239
Matrix:	SOLID	**Date/Time Received:**	6/8/01 9:30:00AM
		SDG Number:	BP020

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
BP-VPB-43-200202	001	EELM61AC	2260	mg/kg	58.4	1	6/13/01 -6/13/01	1164329
BP-VPB-43-340341	002	EELM61AC	2620	mg/kg	67.9	1	6/13/01 -6/13/01	1164329

Appendix B

VPB-44

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4038-05003
DRILLING COMPANY: Unitech
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-44
DATE: 4-18-01 / 4-19-01
GEOLOGIST: Vince Smickora
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/ Consistancy or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1544	10					Brn Tan	Pebbly med to coarse Sand			0	0	0	0
1548	20					Brn Tan	Same as above with some gravel			0	0	0	0
4-18-01 1000	30					Brn Org	Medium to Coarse Sand with quartz pebbles			0	0	0	0
4-19-01						Tan							
0933	40					Brn Tan	Fine to Med grain Sand Trace coarse Sand + Gravel			0	0	0	0
0936	50						Same as above			0	0	0	0

* When rock coring, enter rock brokeness.

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

Remarks: 8" drag bit used

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: MWRP Bethpage
PROJECT NUMBER: N4037-0500
DRILLING COMPANY: Unitech
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-44
DATE: 4-19-01
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/ Consistancy or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole	Drilling BZ**
S-1 (a)	50												
1010	51	21/40	2"			Tan Brn	1/2" size gravel with Trace Coarse Sand		HP-1 no recovery on first attempt	0	0	0	0
	52	40/43	24"						no second attempt due to gravel				
									(HP screen did not open)				
1145	60					Brn	Med to coarse Sand with Trace gravel						
1148	70												
S-2 (a)	71	35/100	3"			Brn Tan	1/4" to 1/2" gravel with Trace coarse Sand		HP-2 not collected unable to drive	0	0	0	0
1210	72	6	12"						Hydropunch due to gravel				
1344	80						Same as above						
1347	90						Med to Coarse Sand and gravel						
							Same as above						
1403	100												

* 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. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
BORING NUMBER: VPB-44
PROJECT NUMBER: N4037-0500
DATE: 4-19-01
DRILLING COMPANY: Unitech
GEOLOGIST: Vince Shickora
DRILLING RIG: Failing 1500
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	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1403	100												
S-3 Cont	101	15/35	8"			Brn Org	Very fine silty Sand with clay lenses		HP-3 collected @ 1515 hours	0	0	0	0
1424	102	41/46	24"			Gry			*BP-VPB 44-102-103				
1534	110					Brn Org	Fine to medium Sand with rounded quartz						
						Gry	pebbles						
1536	120						Same as above						
1542	130						Same as above						
1545	140						Same as above						
1600	150						Med to coarse Sand						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks: 8 inch drag bit - Temporary PVC casing set to 150'

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037-0500
DRILLING COMPANY: Unitech
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-44
DATE: 4-20-01
GEOLOGIST: Vince Shickora
DRILLER: Tim Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-4 @	150												
1615	151	75/100	3"			Dry Brn	Med to coarse grain Sand		HP-4- No recovery Silt-clay on screen	0	0	0	0
	152	2	8"						No second attempt				
0956	160												
S-5 @	161	42/100	4"			Dry Brn	Med to coarse Sand with Trace Silt and one		HP-5 collected @ 1140 hours	0	0	0	0
1019	162	6	12"			Gry	gravel size quartz frag		*BP-VPB-44-162163				
1140	170						Driller indicates likely Sand drilling						
1143	180						Sand based on Drilling						
	(VAS) ~~75~~												
1154	190						Same as above						
							Same as above						
1158	200												

4-19-01
4-20-01

* When rock coring, enter rock brokeness.

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

Remarks: 6 inch drill bit

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Nuiz.?? Bathrey
PROJECT NUMBER: N4017-0510
DRILLING COMPANY: Unitech
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-44
DATE: 4-20-01
GEOLOGIST: Vince Shickert
DRILLER: Tim Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
S-6 @	200												
1215	201	53/100	4"			org Brn	Silty - very fine grain sand		HP-6 collected @ 1325 hours	0	0	0	0
	202	6	12"						*BP-VPB-44-202203				
0850	210						Silt sand based on drilling						
S-7 @	220												
0912	221	35/100	4"/12"			org brn	very fine sand w/trace of silt		HP-7 collected @ 1030	0	0	0	0
	222	5							#BP-VPB-44-222223				
	230					org brn	same as above based on drilling						
S-8 @													
1090	240	80/100	4"/12"			grey org	Fine grain sand - trace of silt, lignite gravel size quartz frag.						
	241	8							HP-8 collected @ 1220 hours				
	242								*BP-VPB-44-242243				

4-20-01
4-24-01

* When rock coring, enter rock brokeness.

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

Remarks: 6 inch drill bit

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 44
DATE: 4-24-01
GEOLOGIST: Vince Shiekora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1230	250						sand based on drilling						
S-9 @	260	20/28	9"/12"			gry lt-dk	silty sand - fine grain with		HP-9 collected @ 1400 hours	0	0	0	0
1245	261	30/38					silty lignite		*BP-VPB-44-262263				
	262												
1406	270						Silt - Sand based on Drilling						
1408	280												
S-10 @	281	36/100/6	8"/12"			Gry Blk	Silty - very fine grain Sand with Trace lignite		HP-10 collected @ 1525 hours	0	0	0	0
1422	282								*BP-VPB-44-282283				
1538	290						Silt - Sand based on Drilling						
							Same as above						
1540	300									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. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037-0500
DRILLING COMPANY: Geotech
DRILLING RIG: Failing 1500
BORING NUMBER: VPB-44
DATE: 4-24-01 / 4-25-01
GEOLOGIST: Vince Shickel
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/ Consistancy or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	300												
S-11 @	301	33 / 66	12"			Dark Gry	very fine grain Sandy Silt		HP-11 collected @ 1715	0	0	0	0
	302	98 / 35	24"						#BP-VPB-44-302303				
4-24-01													
4-25-01													
0855	310						Silt-Sand based on drilling						
0859	320												
S-12 @	321	75 / 100	6"			Blk Gry	Fine grain Sand with Trace silt / lignite		HP-12 No recovery No second attempt	0	0	0	0
0916	322	4	10"						due to clay on HP screen				
1035	330						Silt-Sand based on Drilling						
1038	340												
S-13 @	341	80 / 100	5"			Gry	Fine grain Sand - Trace Silt and lignite		HP-13 No recovery on first attempt	0	0	0	0
1108	342	5	11"						HP-14 collected @ 1420 hours				
									#BP-VPB-44-342343				
4-26-01													
1303	350						Silt-Sand based on Drilling						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-44
DATE: 4-26-01
GEOLOGIST: Vince Shickora / S. Neil
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	350						Same as above						
VAS													
8 1300	360												
S-14 @	361	45/100	5"			Dark Gry	Silt with Trace Fine Sand and clay (some lignite)		HP-15 collected @ 1515 hours	0	0	0	0
1355	362	2	8"			Blk			BP-VPB-44-362363				
1520	370						Silt - Sand Based on Drilling						
1527	380												
S-15 @	381	40/100	7"			Gry	very fine grain Sand with Trace Silt + lignite		HP-16 No recovery on first attempt	0	0	0	0
4-26-01 1550	382	6	12"						HP-17 collected @ 1106 hours				
4-27-01									BP-VPB-44-382383				
4-30-01													
	390												
							course sand based on drilling.						
	400												

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-44
DATE: 4/30/01
GEOLOGIST: S. Nair
DRILLER: J. Evans

Sample No and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-16 C	400	100	3"			GRY	fine sand w/ trace	SW	HP-17 collected @ 1225.	0	0	0	0
1108	402	OVER 6	6"				pyrite		BP-VPB-44-401402				
	410						sand based on						
							drilling at this int.						
S-17 C	420	60 / 65	13"			GRY	fine silty sand tr	SM	HP-18 collected @ 1440.	0	0	0	0
1305	422	100 / 4	16"				lignite, tr pyrite		BP-VPB-44-421422 Also collect dup.				
	430						sand based on						
							drilling.						
							Possible clay @ 439'						
S-18 C	440	75 / 100	9"			DRK GRY	U. DENSE clay	CL	NO hydropunch	0	0	0	0
1507	442	OVER 3	9"						sample attempted				
									due to formation				

* 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) 0.2

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-44
DATE: 4/30 - 5/1/91
GEOLOGIST: S. Neil
DRILLER: J Evans

Sample No and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-19 @	450	35/100	10"			Gray	Silty/clayey fine	SM/SC	HP-19 collected @ 1656.	0	0	0	0
4/30 1546	452	over/4	10"				sand.		AP-VPB-44-451452				
5/1													
S-20 @	460	75/100	10"			Gray	Silty fine sand,	SM	HP unsuccessful due to clogging	0	0	0	0
0858	462	over/4	10"				tr clay tr pyrite		of screen w/ silt and clay; will drill				
									to 480 feet for next sample.				
	470						Sand based on						
							drilling.						
S-20 @	480	100/over	3"			Gray	fine sand tr silt	SW	Two unsuccessful	0	0	0	0
1047	482	6	6"				trace clay.		hydropunch attempts				
							Alternating clay and		at this depth.				
							sand zones based						
							on drilling to 490'.						
S-21 @	490	69/100	10"			Gray	silt trace fine	ML	No recovery in hydro.	0	0	0	0
1446	492	over/6	12"				sand		will not make				
									3rd attempt (due				
									to formation).				

* When rock coring, enter rock brokeness

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

Remarks:

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-44
DATE: 5/1-2/01
GEOLOGIST: S. Neil
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-22 @	500	16 / 100	7"			GRAY	SILTY SAND TRACE CLAY	SM	FIRST ATTEMPT AT COLLECTING HYDROPUNCH	0	0	0	0
5/1	1644	502	OVER / 2	8"				TRACE PEAT		SAMPLE WAS UNSUCCESSFUL - WILL MAKE AND ATTEMPT				
5/2										ON 5/2/01. HP-20 collected				
										1000: BP-VPB-44-S0150				
		510						SAND BASED ON DRILLING						
	S-23 @	500	75 / 100	7"			DARK GRAY	FINE-MED SAND SOME	SM	HP-21 collected @ 1150: BP-VPB-44-S0150	0	0	0	0
	1030	502	OVER / 1	7"				SILT SOME PEAT (ONE						
								LARGE PYRITE FRAG: 1.5")						
		530						SAND DRILLING BASED						
								ON DRILLING.						
	S-24 @	540	100 / OVER	3"			GRAY	FINE-MED SAND TR SILT	SP	HP-22 collected @ 1412 BP-VPB-44-S0541	0	0	0	0
	1332	542	5	5"				TR PEAT (PYRITE ≈						
								1" ANGULAR)						
		550						SAND BASED ON DRILLING						

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-44
DATE: 5/2-3/01
GEOLOGIST: S. NEIL
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
S-25 @	560	100 over	6"			GRAY	SILTY FINE SAND TRACE	SM	HP-23 COLLECTED @	0	0	0	0
1445	562	6	6"				LIGNITE		1600: BP-VPB-44-560SB				
	570						SAND BASED ON DRILLING						
							POSSIBLE						
							PYRITE ZONE @ 579'						
							BASED ON DRILLING.						
S-26 @	580	95 / 100	8"			GRAY	SILTY SAND TR LIGNITE	SM	HP-24 COLLECTED @	0	0	0	0
5/2 1636	582	over / 3	9"				TR PYRITE TR GRAVEL		1750: BP-VPB-44-580SB				
							(PEA-SIZE)						
	590						CLAY / SAND BASED		DRILLER INDICATES ALTERNATING CLAY				
							ON DRILLING		AND SAND DRILLING				
									TO 600 FEET.				
							↓		DRILLER INDICATES				
									CLAY AT 599 FEET.				
S-27 @	600	52 / 100 over	10"			DK GRAY	V. DENSE CLAY	CL	NO ATTEMPT AT	0	0	0	0
0908	602	over / 4	10"						HYDROPUNCH DUE				
									TO FORMATION				

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-44
DATE: 5/3/01
GEOLOGIST: S. NEIL
DRILLER: J. Evans

Sample No and Type or RQD	Depth (Ft) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
S-28 C	610	100 / OVER	1"			GRAY	SILTY SAND	SM	(SPLIT SPOON) VERY LITTLE RECOVERY	0	0	0	0
0927	612	5	5"						COLLECT GROUND WATER SAMPLE (HP-05)				
									BP-VPB-44-6061 @ 1041.				
S-29 C	620	80 / 100	8"			GRAY	SILTY FINE SAND SOME	SM	HP-26 COLLECTED	0	0	0	0
1106	622	OVER / 3	9"				CLAYEY PEAT TR		1225: BP-VPB-44-6062				
							LIGNITE FRAGS						
	630						SAND BASED ON DRILLING						
S-30 C	640	100 / OVER	0.5"			GRAY	SILTY SAND	SM	(SPLIT SPOON) VERY LITTLE RECOVERY	0	0	0	0
1252	642	5	5"						HP-27 COLLECTED @ 1412: BP-VPB-44-6063				
	650						SILT/CLAY/SAND BASED						
							ON DRILLING.						

* When rock coring, enter rock brokeness

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

Remarks:

Drilling Area Background (ppm) 0

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-44
DATE: 5/3
GEOLOGIST: S. NGIL / Mark Norwick
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/RD Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-31 @	660	100 OVER	5"			GRAY	TOP 2" SILTY CLAY	CL/SM	HP-28 collected @	0	0	0	0
	1443	662	5	5"				BOTTOM 3" SILTY FINE-		1605: BP-VPB-44-660 661				
5/3								MED SAND						
5/4														
		670						SAND BASED ON DRILLING						
								DRILLER REPORTS CLAY @						
								675'-679.5'						
	S-32 @	680	61 100	10"			LIGRAY	DENSE CLAY, TR PYRITE	CL	DRY. NO HP	0	0	0	0
	0955	682	OVER 4	10"						ATTEMPTED DUE TO FORMATION.				
								CLAY BASED ON DRILLING						
								TO ≈ 685 FEET THEN SAND						
	S-33 @	690	100 OVER	5"			BRN	SILTY FINE-MED SAND		HP-29 COLLECTED @	0	0	0	0
	1025	692	5	5"				TR CLAY TR C. SAND		1140: BP VPB 44-690691				
5/7														
								dry course to fine grain						
	S-34 @	700	90 100	4"			Gray/Brown	sand tr. of silt some		HP-30 collected @				
	1311		4					lignite, some quartz pebbles		1335: ~~BP-VPB-44-701702~~	0	0	0	0
										BP-VPB-44-701702				

* When rock coring, enter rock brokeness.

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

Remarks: Only collected 1 vial @ 700' BP-VPB-44-701702

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 44
DATE: 5/7/01
GEOLOGIST: M. [illegible]
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	710						Same as previous based on						
							drilling (sand)						
5-35	720	80/100	9"			Lt Gray	Fine-med grain sand		HP 30 collected @	0	0	0	0
[illegible]	721	3				Dk.	Fine grain sand w/ tr. silt		~~1435~~ 1535 BP-VPB-44-721/722				
1412	722					Br/gray	clay - all with tr. lignite		~~1440~~ 1540 BP-VPB-44-Dup4				
							+ some quartz pea-size pebbles						
	730						Sand w/ clay lenses						
							based on drilling						
5-36	740	80/100	3"			white/gray	med - fine grain sand		HP 31 collected @	0	0	0	0
	741	1				white	clay + gravel - pea size		1730 BP VPB-44-741/742				
							tr. silt / lignite		* Second hydropunch				
									attempt resulted in				
									insufficient volume				
	750						Significant amt. to gravel						
							with some clay based						
							on drilling						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB- 44
DATE: 5/7/01 / 5-9-01
GEOLOGIST: Mark [illegible] / V. Shickord
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-37 @	760	85/100/2	5"			gray	fine-med grain sand with		No HP sample collected	0	0	0	0
1025	761					white	tr. clay, tr. silt, tr. bigarbe		Screen was clogged				
							+ 1 2" quartz ~~stone~~		w/ fine sand				
S-38 @	770	100/3	1"			gray	fine grain sand w/ one		No HP sample collected	0	0	0	0
1218	771						large quartz frag		Screen was open and				
									dry sands appeared to				
									be coarse				
S-39 @	780	200/6	4"			gray	med. fine grain sand w/ tr. silt		HP 32 collected @ 1610	0	0	0	0
1425	781					white	very fine grain sand		BP-VPB-44-781782				
	790						fine grain dense sand			0	0	0	0
							based on drilling						
5-9-01 ↓ S-40 @	800	200/4				gray white	fine - coarse sand, gravel		HP 33 collected @ 1825	0	0	0	0
1659	801						quartz pebbles		BP-VPB-44-801802				
									BP-VPB-44-DUP5				
							Clay based on drilling						
							From 803' to 810'						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

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

BORING No.: VPB-44
DATE: 5-9-01
GEOLOGIST: Vince Shickord
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0815	810						Possible Silt - Sand						
							based on drilling from						
							812' to 820'						
							(Some Clay layers)						
0820	820												
S-41 @	821	90 / 100 / 4	4"			Lt. Gry	Clay with Trace Silt + Sand		No HP attempted at this interval	0	0	0	0
0855	822		7"										
09-5	830												
S-42 @	831	70 / 100 / 5	5"			Lt. Gry	Silt with Trace very Fine Sand		HP-34 collected @ 1050 hours	0	0	0	0
0929	832		11"						#BP-VPB-44-832833				
1059	840						Possible Silt and clay lenses based on						
							Drilling						
1103	850												
S-43 @	851	82 / 100 / 3	4"			Gry	micaceous Silt with Trace Clay		No HP attempted	0	0	0	0
1133	852		9"										
							End Borehole						

* When rock coring, enter rock brokeness.

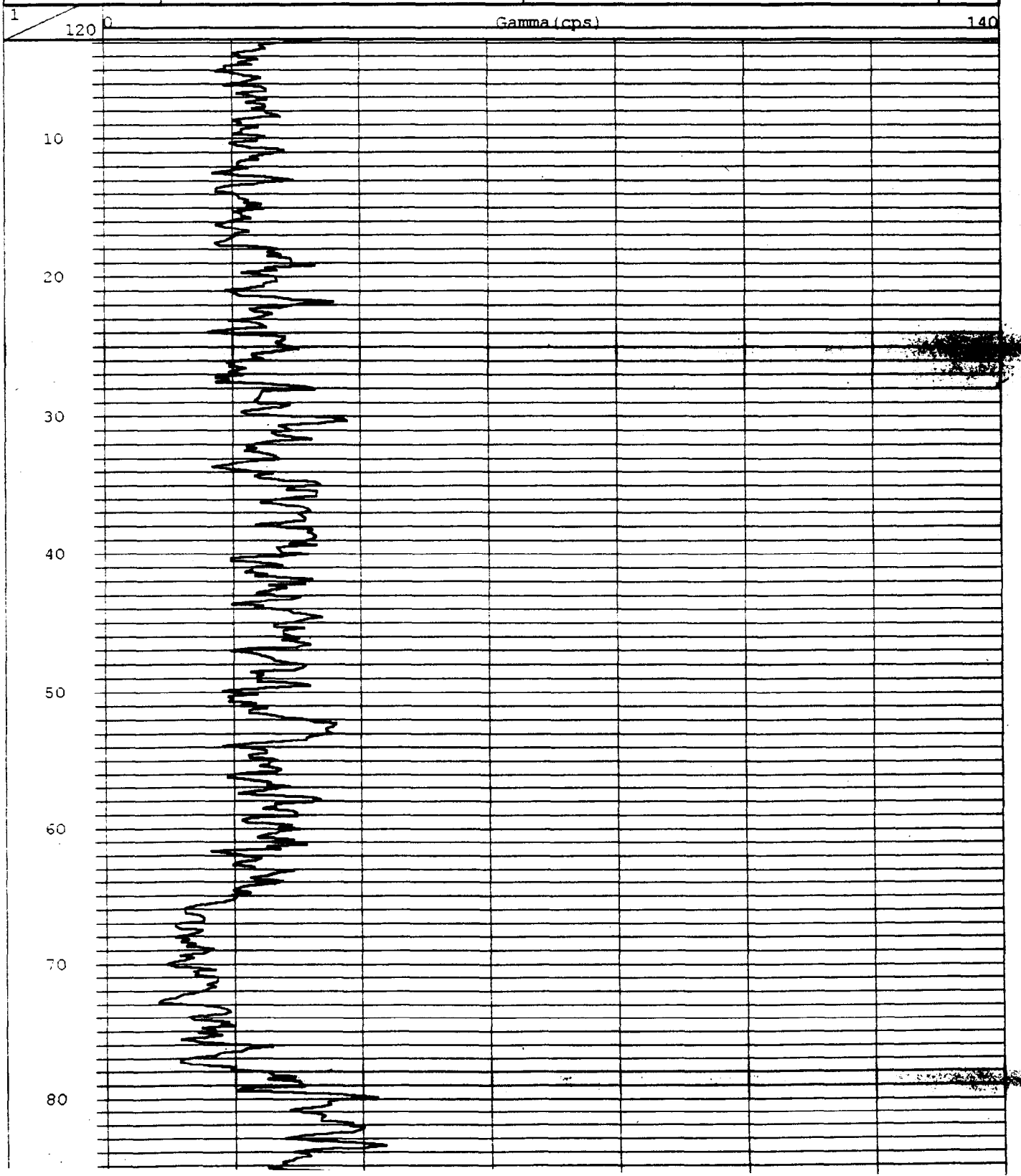
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

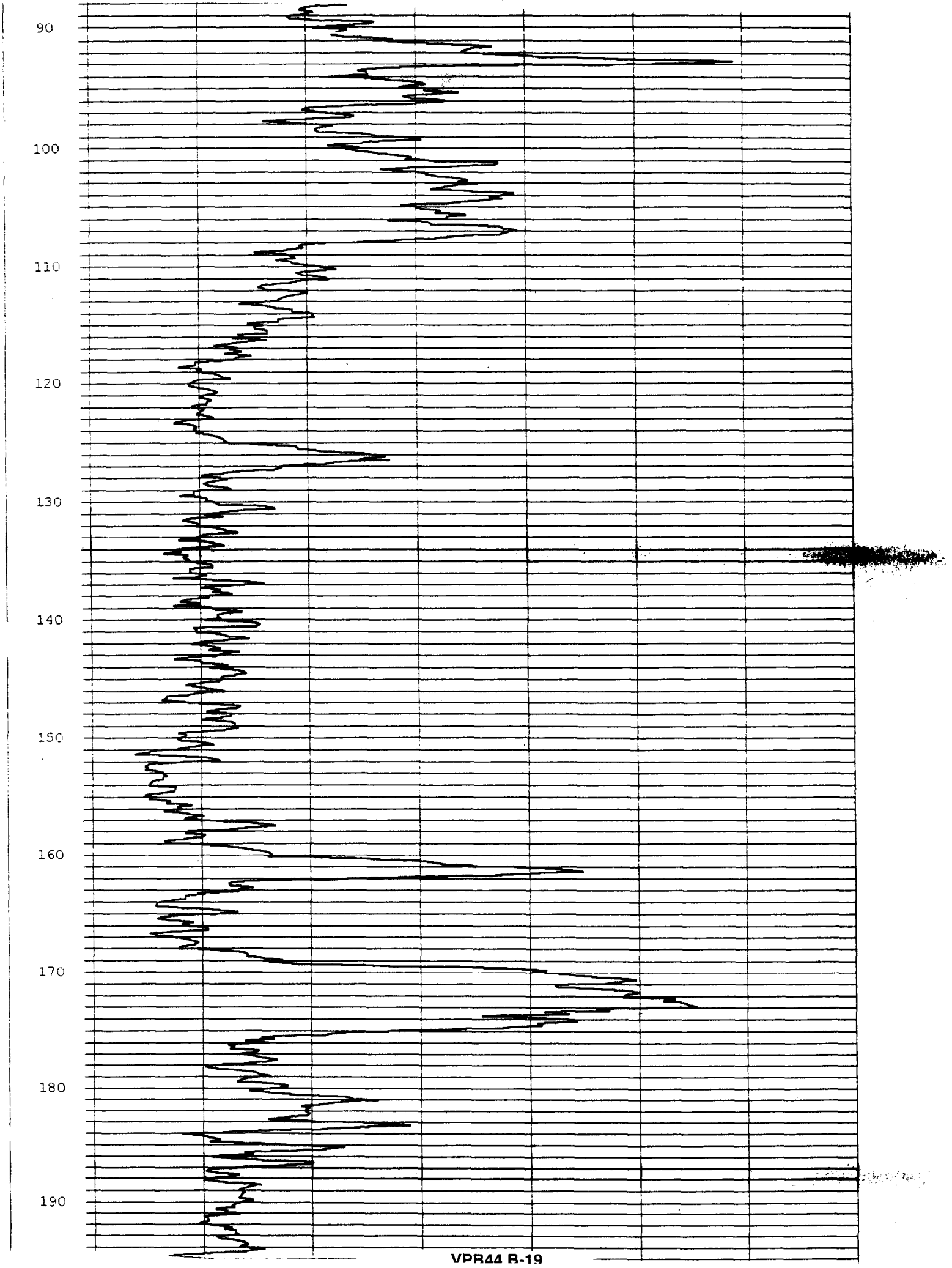
Drilling Area Background (ppm): 0

Remarks:

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

	COMPANY: UNITECH DRILLING			Casing
	Location: BOUNDARY AVE. BETHPAGE			
Well	NWIRP BETHPAGE VPB-44		Depth Driller 850 FEET Depth Logger 849 FEET	150 FT. 6"
Date	MAY 9, 2001	BH Fluid	Logged by: BENJAMIN RICE	
File Name			Witness: VINCE SHIKORA	





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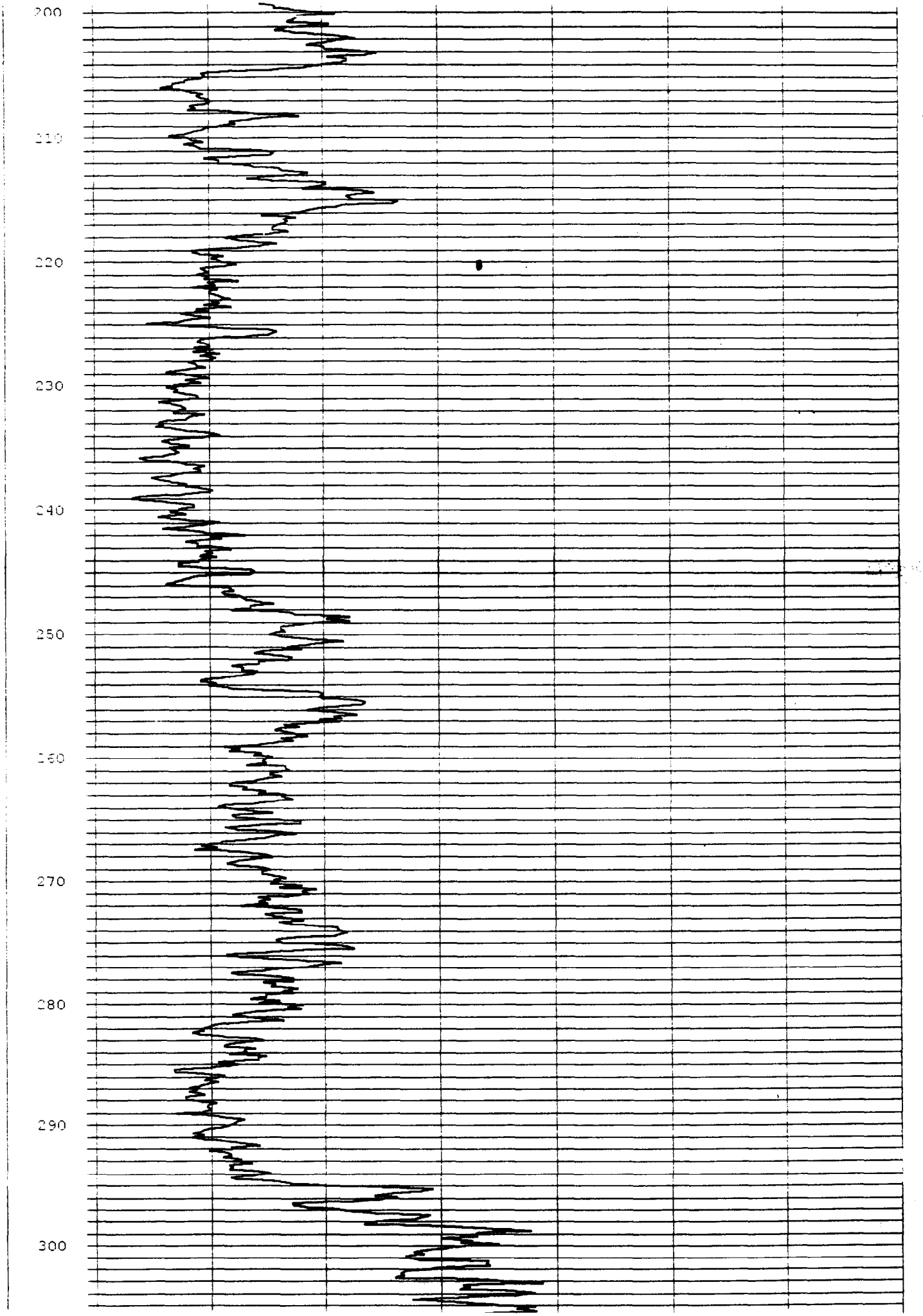
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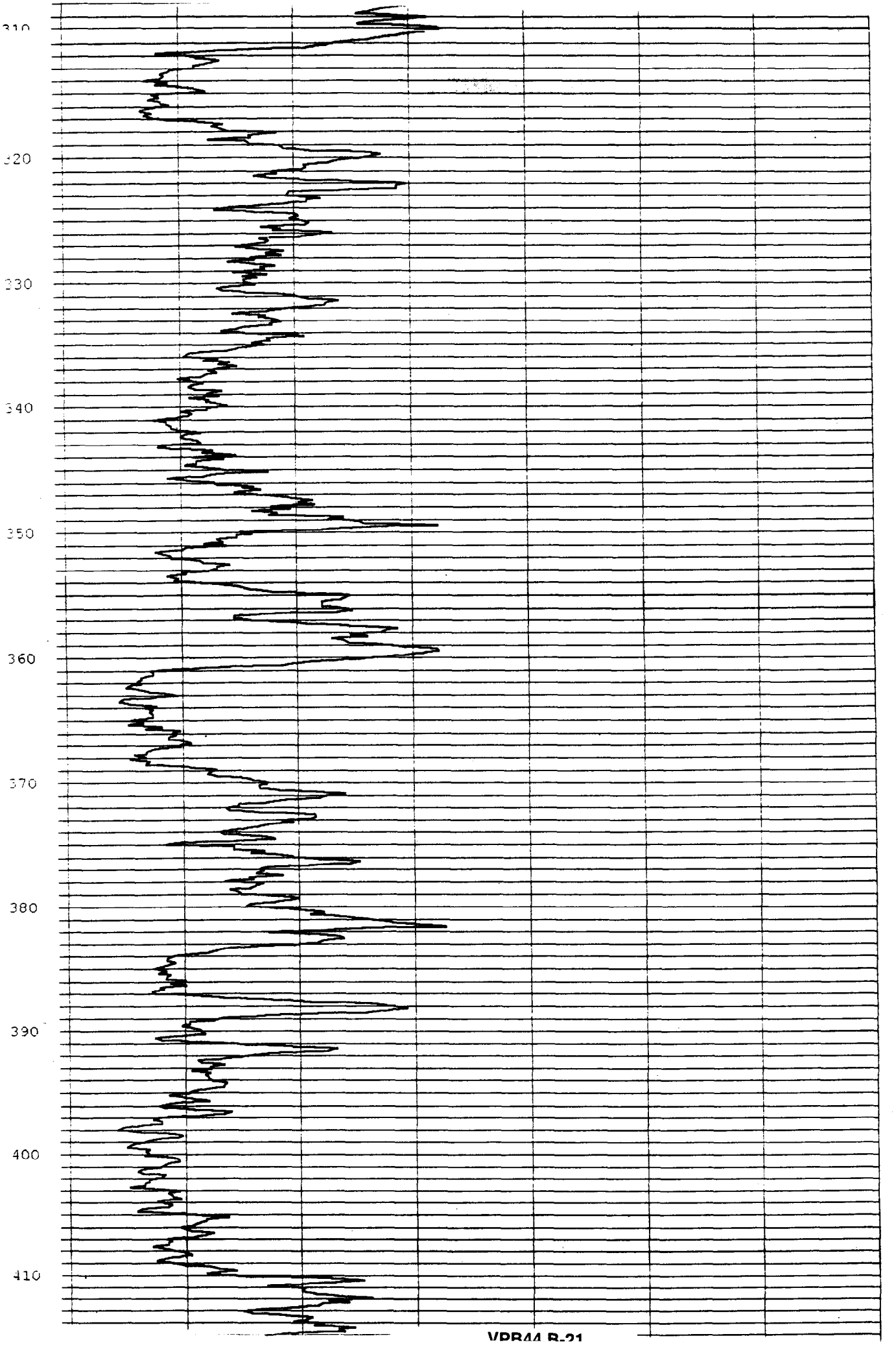

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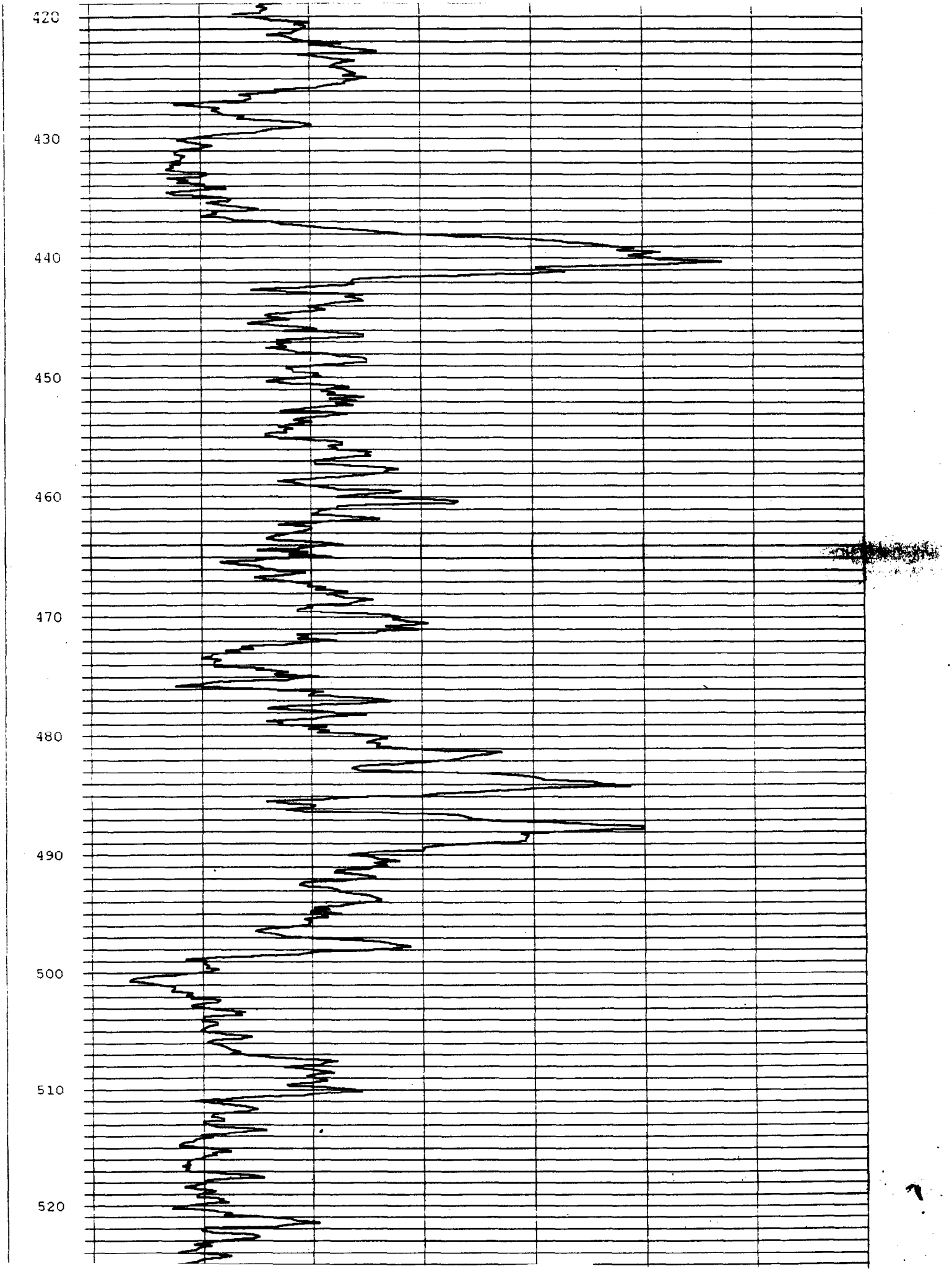
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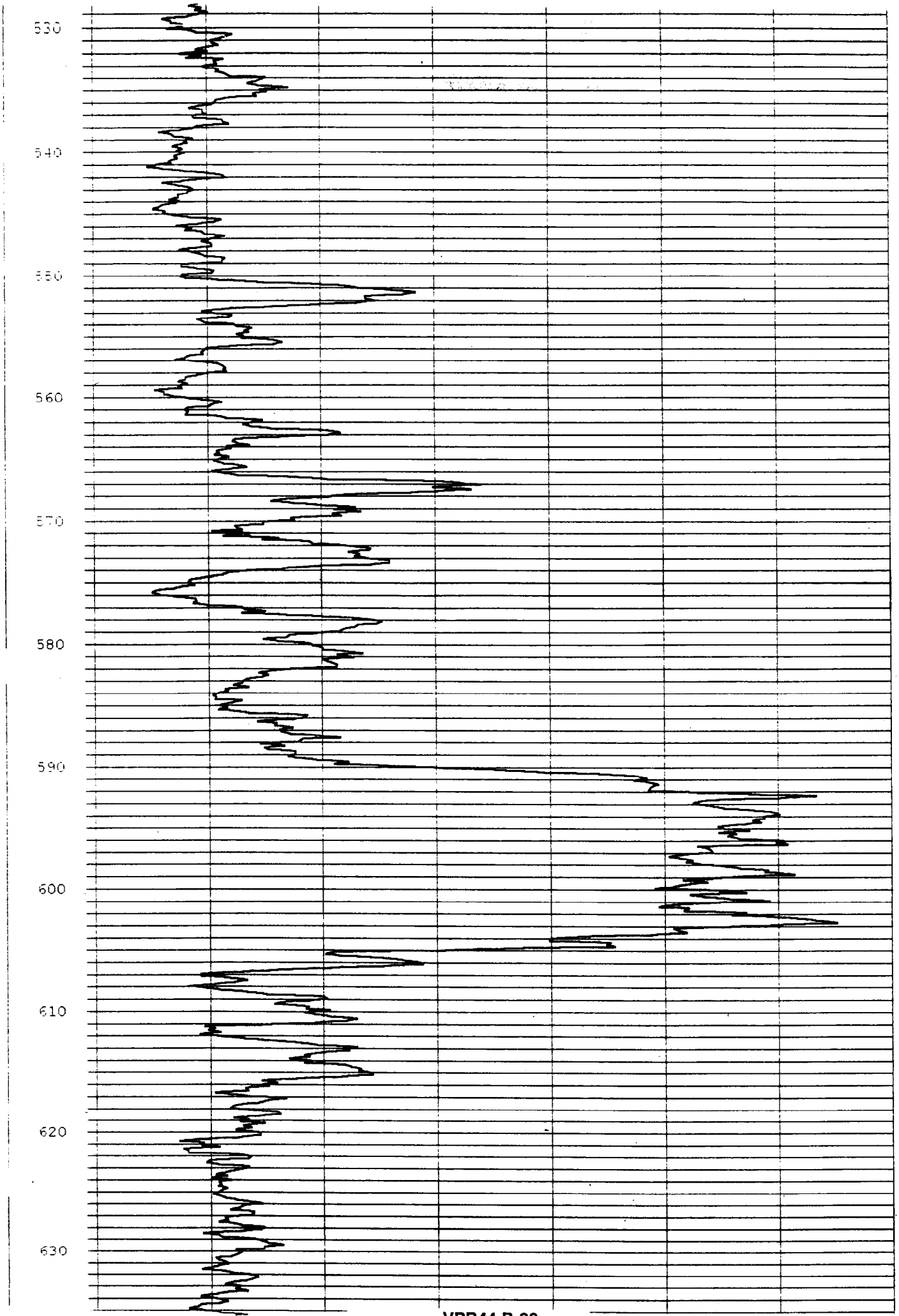
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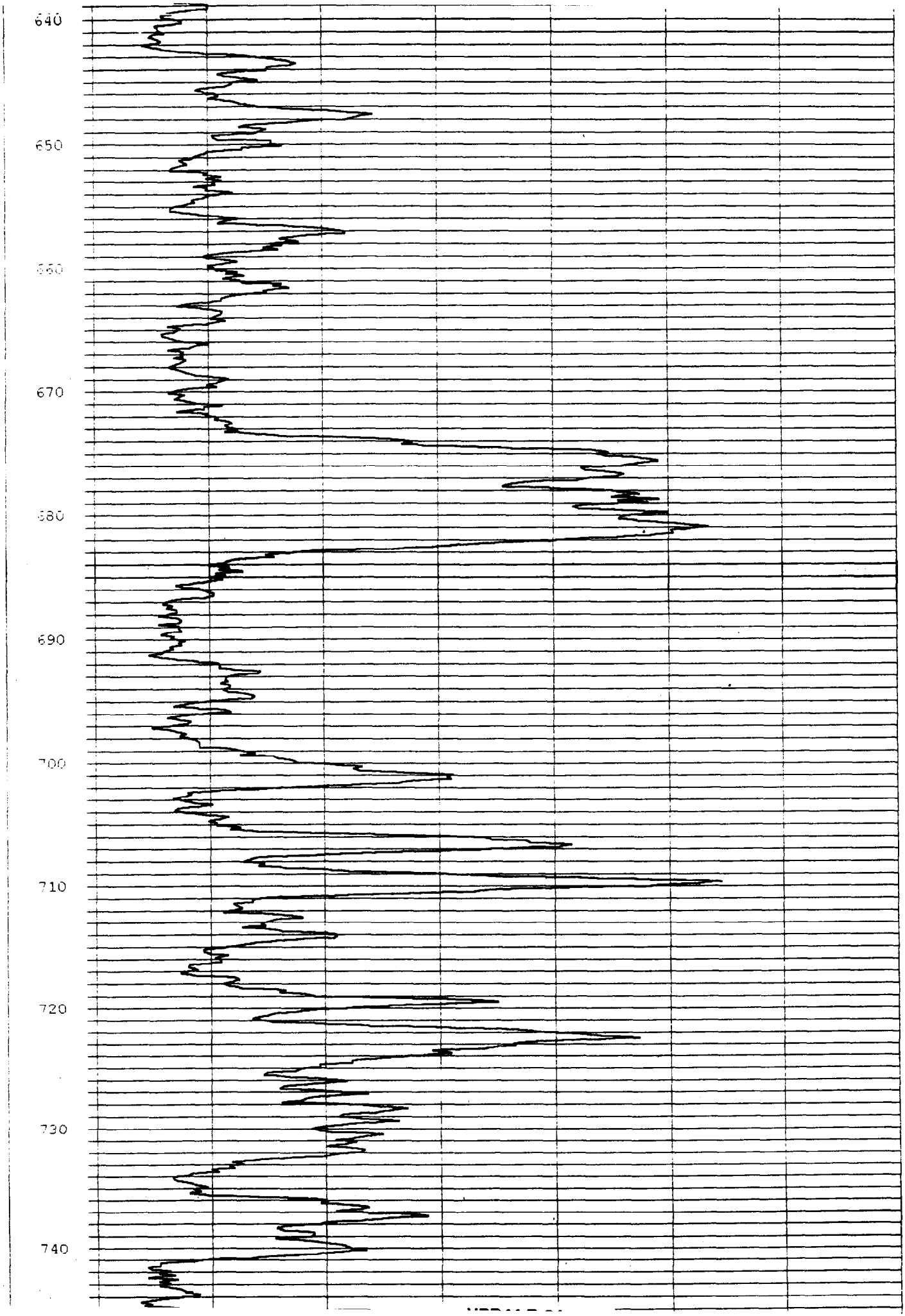
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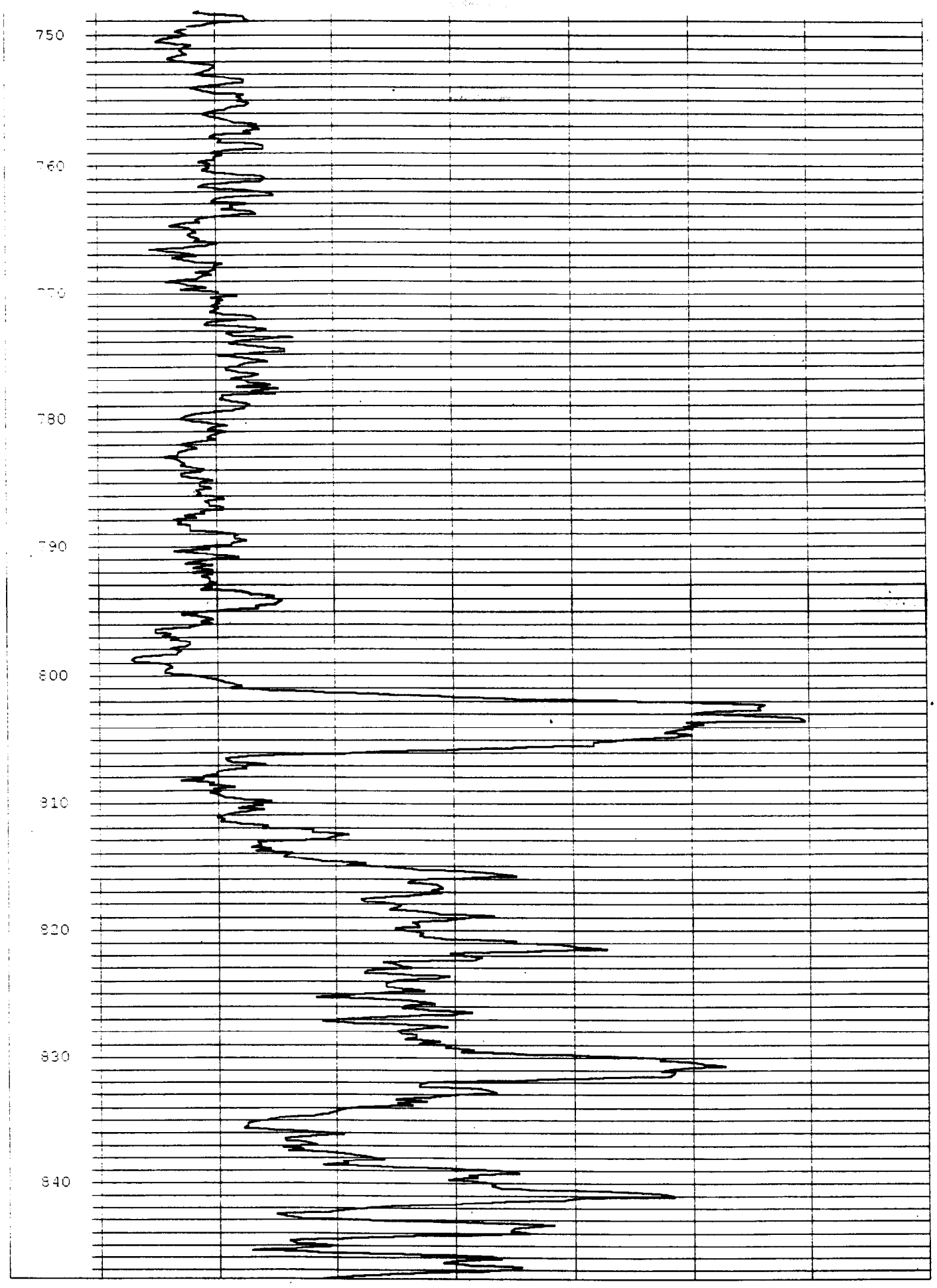
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Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-102103
Sample Location: VPB-44
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-042001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1515	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	6.25	1.24	14.7	>990	2.51	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1425 hours

Sample depth (screened interval) = 102' to 103'

Screen exposed to formation for 50 minutes.

Depth of borehole prior to advancing hydropunch = 100'

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-162163
Sample Location: VPB-44
Sampled By: Vince Slickord
C.O.C. No.: BP-VPB-042001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-20-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1140	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Org-Brn	5.28	0.244	13.5	>999	1.93	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1025 hours

Sample depth (screened interval) = 162' to 163'

Screen exposed to formation for 70 minutes.

Depth of borehole prior to advancing hydropunch = 160'

* Sample appears to be Natural formation water

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-202203
Sample Location: VPB-44
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-042001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-20-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1325	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Org-Brn	5.96	0.341	14.9	>999	2.01	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1220 hours

Sample depth (screened interval) = 202' to 203'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 200

* Sample appears to be Natural formation water

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-222223
Sample Location: VPB-44
Sampled By: Mark Norvick
C.O.C. No.: BP-VPB-042501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-24-01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1030								
Method: Hydropunch	Org-Brn	* -	-	-	-	-	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0925 hours

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

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 220'

* insufficient volume recovered to collect field parameters
- Sample appears to be natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Norvick

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-242243
Sample Location: VPB-44
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-042501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-24-01 / Time: 1220	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Method: Hydropunch	Brown	6.30	0.449	16.4	>990	0.47	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1100

Sample depth (screened interval) = 242' to 243'

Screen exposed to formation for 70 minutes.

Depth of borehole prior to advancing hydropunch = 240

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-262263
Sample Location: VPB-44
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-042501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-24-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1400	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray-	* -	—	—	—	—	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1255 hours

Sample depth (screened interval) = 262' to 263'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 260'

* insufficient volume recovered for field parameters

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB-44-DUP1

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-282283
Sample Location: VPB-44
Sampled By: Vince Shackora
C.O.C. No.: BP-VPB-042501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-24-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1535	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Lt. Gray	* –	–	–	–	–	------	------

PURGE DATA:

Date: 4-24-01	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1430 hours

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

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 280

* insufficient volume recovered for Field Parameters

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
–	–

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-302303
Sample Location: VPB-44
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-042501
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-24-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1715	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	6.14	0.754	18.2	7990	0.59	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1608 hours

Sample depth (screened interval) = 302' to 303'

Screen exposed to formation for 62 minutes.

Depth of borehole prior to advancing hydropunch = 300

- Sample appears to be Natural Formation Water

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

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-342343
Sample Location: VPB-44
Sampled By: Vince Shickock
C.O.C. No.: BP-VPB-042701
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-25-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1420	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	6.12	0.569	12.8	>990	1.01	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1310 hours

Sample depth (screened interval) = 342' to 343'

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 340'

- Sample appears to be Natural Formation water

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

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-362363
Sample Location: VPB-44
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-042701
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-26-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1515	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	6.03	0.183	15.1	>990	0.35	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1410 hours

Sample depth (screened interval) = 362' to 363'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 360

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-44-382383
Sample Location: VPB-44
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-042701
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-27-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1106	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray *	–	–	–	–	–	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0950 hours

Sample depth (screened interval) = 382' to 383'

Screen exposed to formation for 70 minutes.

Depth of borehole prior to advancing hydropunch = 380'

* only one vial filled due to insufficient volume recovery. No field parameters collected
- Sample appears to be Natural Formation Water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
–	–

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-401402
Sample Location: VPB-44
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1225	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Dk Gray	—	—	—	—	—	—	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1115.

Sample depth (screened interval) = 401 - 402 FEET

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 400 FEET

* Sample has the appearance/consistency of drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-421422
Sample Location: VPB-44
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050201
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/30/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1445	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	LT. GRAY	5.70	.160	16.9	>999	1.89	0.00	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1316

Sample depth (screened interval) = 421 - 422 FEET

Screen exposed to formation for 79 minutes.

Depth of borehole prior to advancing hydropunch = 400 FEET

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	BP-VPB-44-DUP2	Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-451452
Sample Location: VPB-44
Sampled By: S. Nail
C.O.C. No.: BP-VPB-050201
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 4/30/01								
Time: 1656								
Method: Hydropunch	Dk Gray	6.13	.467	15.7	>999	2.58	0.01	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1550

Sample depth (screened interval) = 451 - 452 feet.

Screen exposed to formation for 61 minutes.

Depth of borehole prior to advancing hydropunch = 450 FEET

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-501502
Sample Location: VPB-44
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA: *

Date: 5/2/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1000	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	—	—	—	—	—	—	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0851

Sample depth (screened interval) = 501 - 502 FEET

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 500 FEET

* Insufficient volume for field parameters

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-521522
Sample Location: VPB- 44
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA: *

Date: 5/2/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1150	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DRK GRAY	—	—	—	—	—	—	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1042.

Sample depth (screened interval) = 521 - 522 FEET

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 520 FEET

* INSUFFICIENT VOLUME FOR FIELD PARAMETERS; SAMPLE HAS THE APPEARANCE OF POSSIBLE CROSS-CONTAMINATION W/ DRILL MUD.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-540541
Sample Location: VPB-44
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/2/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1412	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DRK GRY	6.01	.410	—	—	—	—	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1237.

Sample depth (screened interval) = 540 - 541 FEET

Screen exposed to formation for 87 minutes.

Depth of borehole prior to advancing hydropunch = 540 FEET

* Enough sample volume to run pH and specific conductance only.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-560561
Sample Location: VPB-44
Sampled By: S.NEIL
C.O.C. No.: BP-VPB-080401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/21/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1600	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	MUDDY	6.54	.736	21.0	7999	0.86	0.03	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1452.

Sample depth (screened interval) = 560 - 561 FEET

Screen exposed to formation for 63 minutes.

Depth of borehole prior to advancing hydropunch = 560 FEET

* Sample has the appearance of cross-contamination w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-580581
Sample Location: VPB-44
Sampled By: S.NEIL
C.O.C. No.: BP-VPB-050401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/2/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1750	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	LT. GRY	6.50	.238	18.1	>999	0.52	0.00	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1644.

Sample depth (screened interval) = 580-581

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 560 FEET

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB-44-DUP 3

Signature(s): [illegible]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-610611
Sample Location: VPB- 44
Sampled By: S. Neil
C.O.C. No.: ~~BP-VPB-54~~ (SN)
Type of Sample: BP-VPB-050401
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/3/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1041	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DK GRAY	—	—	—	—	—	—	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0934.

Sample depth (screened interval) = 610 - 611 FEET

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 610 FEET

* Sample has the appearance of cross-contamination w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-620621
Sample Location: VPB-44
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/3/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1225	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DK GRAY	6.21	.712	20.2	>999	0.20	0.03	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1114.

Sample depth (screened interval) = 620 - 621 feet

Screen exposed to formation for 63 minutes.

Depth of borehole prior to advancing hydropunch = 620 feet.

*Sample appears to be cross-contaminated with drilling mud based on high specific conductance and visual observation.

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-640 44
Sample Location: VPB-44
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/3/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1412	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DK Gray	6.50	1.06	21.7	>999	0.11	0.04	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at

Sample depth (screened interval) = 640 - 641 FEET

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 640 FEET

Sample has the appearance of drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-DM660
Sample Location: VPB-44
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/3/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1420	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch		6.51	1.19	19.6	>999	0.41	0.05	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at

Sample depth (screened interval) =

Screen exposed to formation for minutes.

Depth of borehole prior to advancing hydropunch =

NA - DRILLING MUD SAMPLE

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-660661
Sample Location: VPB-44
Sampled By: S. NTIL
C.O.C. No.: BP-VPB-050401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/3/01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1605								
Method: Hydropunch	DK GRY	6.52	1.18	21.5	>999	0.78	0.05	---

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1453.

Sample depth (screened interval) = 660 - 664 FEET

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 660 FEET.

* Samples have visual appearance of drilling mud - also sp. conductance is the same as that of drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott [illegible]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

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

Sample ID No.: BP-VPB-44-690691
Sample Location: VPB-44
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-050401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Date: 5/4/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1140								
Method: Hydropunch	DARK GRAY	6.47	1.30	19.6	>999	0.47	0.05	----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1035.

Sample depth (screened interval) = 690 - 691 FEET

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 690 FEET

*Sample has appearance of drilling mud.

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	Scott W. Neil

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRC Bethpage
Project No.: N9237

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: BP-VPB-44-701T02
Sample Location: VPB-44
Sampled By: MW
C.O.C. No.: BP-VPB-050901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	TBD	TBD
Date: 5/7/01	Visual	Standard	mS/cm	°C	NTU	mg/l		
Time: 1335								
Method: Hydropunch								

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC	4°C	40 ml glass vials	1

OBSERVATIONS / NOTES:

Could only collect one vial for sample

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWFRP Sethfage
Project No.: N 4037

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: DP-NPO-44-721722
Sample Location: VPB-44
Sampled By: Mark Donville
C.O.C. No.: BP-VPB-050901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	TBD	TBD
Date: 5/7/01								
Time: 1535								
Method: Hydrosponell								

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC	4°C	40 ml glass vials	2

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Donville

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N 4037

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: BP-VPB-44-741742
Sample Location: VPB-44
Sampled By: Mark Norvick
C.O.C. No.: BP-VPB-050901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5/7/01	Color	pH	S.C.	Temp.	Turbidity	DO	TBD	TBD
Time: 1730	Visual	Standard	mS/cm	°C	NTU	mg/l		
Method: H. diipunch	Gray	6.17	1.33	18.3	—	0.30		

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC		40 ml glass vial	2

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N 4037

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: DP-VPB-44-781782
Sample Location: VPB-44
Sampled By: Mark Novick
C.O.C. No.: BP-VPB-050901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	TBD	TBD
Date: 5/8/01								
Time: 1610								
Method: Hydropunch	Milky gray							

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC	4°C	40 mL glass vials	☒

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mark Novick

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N4637

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: BP-VPB-44-F01803
Sample Location: VPB-44
Sampled By: Mark Nowicki
C.O.C. No.: BP-VPB-050901
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	TBD	TBD
Date: 5/8/01								
Time: 1425								
Method: Hydropunch	Grey							

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC	4°C	40 mL glass vial	2

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N4037-0500

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

Sample ID No.: BP-VPB-44-DM820
Sample Location: VPB-44
Sampled By: Vince Shinkorik
C.O.C. No.: BP-VPB-051101
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	TBD	TBD
Date: 5-9-01								
Time: 0825								
Method: Direct Grab	Brown	6.74	1.35	13.4	7990	0.41	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOCS (SW846 8260B)	4°C	(2) 40mL Glass Vials	2

OBSERVATIONS / NOTES:

- Sample of circulating drilling mud collected from mud pit
- Borehole depth → 820' BGS

Circle If Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [illegible]

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N4037-0500

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

Sample ID No.: BP-VPB-44-832833
Sample Location: VPB-44
Sampled By: Vince Shickort
C.O.C. No.: BP-VPB-051101
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 5-9-01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	TBD	TBD
Time: 1050								
Method: Hydropunch	Turbid/Gray	* –	–	–	–	–	–	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOCs (SW846 8260B)	ice	(2) 40 mL Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to depth + screen exposed at 0940 hours
Sample depth (screen interval) → 832' to 833'
Screen exposed to formation for 60 minutes
Borehole depth prior to advancing Hydropunch → 830'

* insufficient volume recovered for field parameters.

Circle If Applicable:

MS/MSD	Duplicate ID No.:
–	–

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N4037-0500

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

Sample ID No.: BP-VPB-44-220221
Sample Location: VPB-44
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-042501

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

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 4-24-01 Time: 0912 Method: Monitor Reading (ppm):	220' to 221'	Orange-Brown	Fine to medium Sand with Trace Silt.

COMPOSITE SAMPLE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	(1) 4 ounce Jar	1	

OBSERVATIONS / [redacted]

- Sample collected from Split Spoon sampler 220' to 221' BGS
- No odors, stains or elevated PID readings

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N4037-0500

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

Sample ID No.: BP-VPB-44-300301
Sample Location: VPB-44
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-042501

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

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 4-24-01 Time: 1600 Method: Split Spoon - Trowel Monitor Reading (ppm): 0	300' to 301'	Dark Gray	very fine grain Sandy silt (wet)

COMPOSITE SAMPLE DATA:

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

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC Walkley Black	(1) 4 ounce Jar	1	

OBSERVATIONS:

Sample collected from split spoon at 300' to 301' BGS.

- No odors, stains or elevated PID readings

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-44
QA Sample Type:

Sample ID Number: BP-TB-041901
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-042001

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

SAMPLING DATA:

Date: 4-16-01
Time: 1501
Method: Lab supplied

WATER SOURCE:

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

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

Product Name: _____
Supplier: _____
Manufacturer: _____
Order Number: _____
Lot Number: _____
Expiration Date: _____

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-44
QA Sample Type:

Sample ID Number: BP-VPB-44-DM240
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-042501

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

SAMPLING DATA:

Date: 4-24-01
Time: 1040
Method: Direct grab

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

- Drilling mud sample collected from drilling mud pit (borehole depth → 240' BGS)

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID Number: BP-RB-042401
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-042501

SAMPLING DATA:

Date: 4-24-01
Time: 1735
Method: poured through Hydropunch

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[] Tap
[] Fire Hydrant
[X] Other Lab supplied Blank Water

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

- Sample collected by pouring lab supplied Blank water through "clean" deconed Hydropunch sampler

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-44
QA Sample Type:

Sample ID Number: BP-TB-042401
Sampled By: Mark Norvilk
C.O.C. Number: BP-VPB-042501

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

SAMPLING DATA:

Date: 4/16/01
Time: 1502
Method: Lab Supplied

WATER SOURCE:

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

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

Product Name: _____
Supplier: _____
Manufacturer: _____
Order Number: _____
Lot Number: _____
Expiration Date: _____

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

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

Sample ID Number: BP-TB-042501
Sampled By: Vince Shilkora
C.O.C. Number: BP-VPB-042701

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

SAMPLING DATA:

Date: 4-25-01
Time: 0907
Method: Lab supplied/prepared

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-44
QA Sample Type:

Sample ID Number: BP-TB-043001
Sampled By: S. NGIL (LAB SUPPLIED).
C.O.C. Number: BP-VBP-050201

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

SAMPLING DATA:

Date: 4/30/01
Time: 0955
Method: LAB PREPARED

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Trip blanks come from EcoTest already prepared.

Signature(s):

Scott W. [illegible]

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location:
QA Sample Type:

Sample ID Number: BP-RB-050101
Sampled By: S. Neil
C.O.C. Number: BP-VPB-050201

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

SAMPLING DATA:

Date: 5/1/01
Time: 1030
Method: *

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

Media Type: Ground water
Equipment Used: Hydropunch
Equipment Type:
[] Dedicated
[■] Reusable

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

* Filled 2 40-mL vials by pouring lab-supplied DI water into hydropunch and filling vials as if sampling ground water from hydropunch.

Signature(s):

Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-050201
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-050401

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

SAMPLING DATA:

Date: 5/2/01
Time: 1140
Method: LAB SUPPLIED

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-44
QA Sample Type:

Sample ID Number: BP-RB-050901
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-051101

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

SAMPLING DATA:

Date: 5-9-01
Time: 1055
Method: Direct Grab

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Rinsate Blank Sample collected by pouring Lab supplied DI (Blank) water Through "clean" (decon'd) Hydropunch

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: VAS ~~N0565.0200~~ N4037-0500
Sample Location:
QA Sample Type:

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

Sample ID Number: BP-TB-050901
Sampled By: Vince Stickord
C.O.C. Number: BP-VPB-051101

SAMPLING DATA:

Date: 05-01-01
Time: 0937
Method: Lab Supplied

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Trip Blank sample

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-44
QA Sample Type:

Sample ID Number: BP-TB-050701
Sampled By: Mark Nowick
C.O.C. Number: BF-VPB-050901

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

SAMPLING DATA:

Date: 5/7/01
Time: 1800
Method: Lab supplied

WATER SOURCE:

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

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

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

RINSATE INFORMATION (If Applicable):

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Signature(s):

CHAIN OF CUSTODY RECORD

BP-VPB-042001

PROJECT NO.: N4037 0500

SITE NAME: NWTRT Bethpage

SAMPLERS (SIGNATURE): Vince Shichard [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ML Vials VOCs						REMARKS
1	4/16/01	1501		X	BP-TB-041901	2	2						Lab supplied Trip Blank
2	4/19/01	1515		X	BP-VPB-44-162163	2	2						
3	4/20/01	[illegible]		X	BP-VPB-44-162163	2	2						
4	4/20/01	1525		X	BP-VPB-44-[illegible]	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	4-20-01 1400				
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	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

PROJECT NO.: N4237 [illegible]

SITE NAME: [illegible]

SAMPLERS (SIGNATURE): [illegible] Vince Shickich

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	4/16/01	[illegible]	\	X	BP-TB-042401	2	2						[illegible]
2	4/24/01	1030		X	BP-VPB-44-222223	2	2						
3	4/24/01	1040		X	BP-VPB-44-DM240	2	2						
4	4/24/01	1200		X	BP-VPB-44-Dup 1	2	2						
5	4/24/01	1220		X	BP-VPB-44-242243	2	2						
6	4/24/01	1400		X	BP-VPB-44-262263	2	2						
7	4/24/01	1535		X	BP-VPB-44-282283	2	2						
8	4/24/01	1715		X	BP-VPB-44-302303	2	2						
9	4/24/01	1735		X	BP RB-042401	2	2						Rinsate Blank
10	4/24/01	1420		X	BP FB-042401	2	2						Field Blank (Drilling Water) For GM-78 well cluster.
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[illegible]	4-25-01 0900				
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	

Order No. 70440 (0693)

VPB44 B-72

CHAIN OF CUSTODY RECORD

BP-VPB-042501

PROJECT NO.:	SITE NAME:
N4627	NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickell [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	2 Jar TOC						REMARKS
1	4/21/01	12		X	BP-VPB-44-221	1	1						
2	4/21/01	[illegible]		X	BP-VPB-44-[illegible]	1	1						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	4-25-01 1800				
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: FEDEX [illegible] 810817875857	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

" BP VPB 042701

PROJECT NO.: N4037 0500

SITE NAME: NWTRP Bellingham

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml Vials VOC						REMARKS
1	4/25/01	0947		X	BP-TB-0425-01	2	2						Lab supplied Trip Blank
2	4/25/01	1420		X	BP-VPB-44-342343	2	2						
3	4/26/01	1515		X	BP VPB 44-362363	2	2						
4	4/26/01	1106		X	BP VPB 44 382383	1	1						Insufficient sample volume [illegible]
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	1300 4/27				
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RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped via Laboratory Courier	

Order No. 78440 (0693)

VPB44 B-74

CHAIN OF CUSTODY RECORD

CCC # BP-VPB 050201

PROJECT NO.:	SITE NAME:
N4037	NWIRP BETHPAGE

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	4/30/01	1455		x	BP-TB-043001	2	x						LAB SUPPLIED TRIP BLANK
2	↓	1225		x	BP-VPB-44-401402	2	x						
3	↓	1440		x	BP-VPB-44-421422	2	x						
4	↓	1656		x	BP-VPB-44-451452	2	x						
5	↓	0000		x	BP-VPB-44-DUP2	2	x						DUPLICATE OF BP-VPB-44-421422
6	5/1/01	1030		x	BP-RB-050101	2	x						RINSATE BLANK ON HYDROPUNCH
7	5/2/01	[illegible]		x	BP-VPB-[illegible] 501502	2	x						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	5/2/01 1200	NOVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

Order No. [illegible] (0693)

CHAIN OF CUSTODY RECORD

COC # BP-VPB-050101

PROJECT NO.:	SITE NAME:
N4037	MINING BETHPAGE

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	5/2/01	1110		x	BP-TB-050201	2	x						LAB SUPPLIED TRIP BLANK
2	5/2/01	1150		x	BP-VPB-44-521522	2	x						
3	5/2/01	1412		x	BP-VPB-44-540541	2	x						
4	5/2/01	1600		x	BP-VPB-44-560561	2	x						
5	5/2/01	1150		x	BP-VPB-44-580581	2	x						
6	5/2/01	0000		x	BP-VPB-44-DUP3	2	x						DUPLICATE OF BP-VPB-44-580581
7	5/3/01	1041		x	BP-VPB-44-620611	2	x						
8	5/3/01	1025		x	BP-VPB-44-620621	2	x						
9	5/3/01	1412		x	BP-VPB-44-640641	2	x						
10	5/3/01	1430		x	BP-VPB-44-DM660	2	x						SAMPLE OF DRILLING MUD @ 660 FT.
11	5/3/01	1605		x	BP-VPB-44-660661	2	x						
12	5/4/01	1110		x	BP-VPB-44-690691	2	x						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	5/4/01 1330	NOVA			
RELINQUISHED BY (SIGNATURE):	**DATE / TIME:**	**RECEIVED BY (SIGNATURE):**	**RELINQUISHED BY (SIGNATURE):**	**DATE / TIME:**	**RECEIVED BY(SIGNATURE):**
RELINQUISHED BY (SIGNATURE):	**DATE / TIME:**	**RECEIVED FOR LABORATORY BY (SIGNATURE):**	**DATE / TIME:**	**REMARKS:**	

Order No. 70448 (0...

VPB44 B-76

CHAIN OF CUSTODY RECORD

BP-VPB-050901

PROJECT NO.: N4037

SITE NAME: NWERP Bertpage

SAMPLERS (SIGNATURE):

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	5/7/01	1800		X	BP-TB-050701	2	X						Lab prepared Trip Blank
2	5/7/01	1335		X	BP-VPB-44-701702	1	X						Insufficient sample volume recovered to fill two vials
3	5/7/01	1540		X	BP-VPB-44-DUP4	1	X						Same as above Duplicate of BP-VPB-44-721722
4	5/7/01	1535		X	BP-VPB-44-721722	2	X						
5	5/7/01	1730		X	BP-VPB-44-741742	2	X						
6	5/8/01	1610		X	BP-VPB-44-721782	2	X						
7	5/8/01	1335		X	BP-VPB-44-801802	2	X						
8	5/8/01	1330		X	BP-VPB-44-DUP5	2	X						Duplicate of BP-VPB-44-801802

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
	5-7-01 0600				
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	

CHAIN OF CUSTODY RECORD

BP-VPB-051101

PROJECT NO.:

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): N1057 0500 Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml Vials VOCs						REMARKS
1	5/1/01	0937		X	BP-TB-050901	2	2						Lab supplied Trip Blank
2	5/9/01	0825		X	BP-VPB-44-DM820	2	2						Drilling mud sample → 820' BGS
3	5/9/01	1052		X	BP-VPB-44-832833	2	2						
4	5/9/01	1055		X	BP-RB-050901	2	2						Rinsate Blank

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
		Patrick Blank			
RELINQUISHED BY (SIGNATURE):	DATE / TIME: 5-10-01 1000	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	

Order No. 70[illegible]

NWIR ETHPAGE
SOIL DATA
QUANTERRA
SDG: BP016

SAMPLE NUMBER:	BP-VPB-44-220221	BP-VPB-44-300301		
SAMPLE DATE:	04/24/01	04/24/01	/ /	/ /
LABORATORY ID:	C1D260149001	C1D260149002		
QC_TYPE:	NORMAL	NORMAL		
% SOLIDS:	85.0 %	81.0 %	100.0 %	100.0 %
FIELD DUPLICATE OF:				

	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE	RESULT	QUAL	CODE
INORGANIC PARAMETERS												
CARBON(MG/KG)	957			5100								

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:211955.01 04/24/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/16/01 RECEIVED:04/20/01

SAMPLE: Water sample, BP-TB-041901, 1501

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:211955.02 04/24/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/19/01 RECEIVED:04/20/01

SAMPLE: Water sample, BP-VPB-44-102103, 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	<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	11
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	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= 11145 VPB44 B-81

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
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LAB NO:211955.03 04/24/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/20/01 RECEIVED:04/20/01

SAMPLE: Water sample, BP-VPB-44-162163, 1140

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	4	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	9	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	4	Trichloroethene	ug/L	13
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	2			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:211955.04 04/24/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/20/01 RECEIVED:04/20/01

SAMPLE: Water sample, BP-VPB-44-202203, 1325

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	4
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	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	11

cc:

REMARKS:

DIRECTOR

rn= 11147 VPB44 B-83

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212025.01 04/30/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/16/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-TB-042401, 1502

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212025.02 04/30/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-222223, 1030

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	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	7	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	4	Trichloroethene	ug/L	11
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	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= 11841

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212025.03 04/30/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-DM240, 1040

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

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212025.05 04/30/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-242243, 1220

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	7
1,1 Dichloroethane	ug/L	9
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	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	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	30

cc:

REMARKS:

DIRECTOR

rn= 11844

VPB44 B-87

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212025.06 04/30/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-262263, 1400

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	3	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	5	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	3	Trichloroethene	ug/L	19
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	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= 11845 VPB44 B-88

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212025.04 04/30/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-DUP1, 1200

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	3	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	5	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	3	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

rn= 11843 VPB44 B-89

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212025.07 04/30/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-282283, 1535

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	7	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	3	Trichloroethene	ug/L	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			

cc:

REMARKS:

DIRECTOR

rn= 11846 VPB44 B-90

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212025.08 04/30/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-VPB-44-302303, 1715

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

cc:

REMARKS:

DIRECTOR

rn= 11847 VPB44 B-91

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212025.09 04/30/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037-0500
COLLECTED BY: Client DATE COL'D:04/24/01 RECEIVED:04/25/01

SAMPLE: Water sample, BP-RB-042401, 1735

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

cc:

REMARKS:

DIRECTOR

rn= 11848 VPB44 B-92

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212070.01 05/02/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:04/25/01 RECEIVED:04/27/01

SAMPLE: Water sample, BP-TB-0425-01, 0907

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= 12029

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212070.02 05/02/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:04/26/01 RECEIVED:04/27/01

SAMPLE: Water sample, BP-VPB-44-342343, 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= 12030 VPB44 B-94

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212070.03 05/02/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:04/26/01 RECEIVED:04/27/01

SAMPLE: Water sample, BP-VPB-44-362363, 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	<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= 12031

VPB44 B-95

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212070.04 05/02/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:04/26/01 RECEIVED:04/27/01

SAMPLE: Water sample, BP-VPB-44-382383, 1106

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= 12032 VPB44 B-96

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212152.01 05/04/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-TB-043001, 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= 12439

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212152.02 05/04/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-401402, 1225

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

cc:

REMARKS:

DIRECTOR

rn= 12440 VPB44 B-98

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212152.03 05/04/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-421422, 1440

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

cc:

REMARKS:

DIRECTOR

rn= 12441 VPB44 B-99

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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LAB NO:212152.04 05/04/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-451452, 1656

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= 12442 VPB44 B-100

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212152.05 05/04/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:04/30/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-DUP2, 0000

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

cc:

REMARKS:

DIRECTOR

rn= 12443 VPB44 B-101

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212152.06 05/04/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/01/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-RB-050101, 1030

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= 12444

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212152.07 05/04/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/02/01

SAMPLE: Water sample, BP-VPB-44-501502, 1000

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= 12445

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212212.01 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-TB-050201, 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	<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= 12777 VPB44 B-104

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212212.02 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-521522, 1150

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

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

cc:

REMARKS:

DIRECTOR

rn= 12778

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212212.03 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-540541, 1412

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= 12779

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212212.04 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-560561, 1600

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<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= 12780

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212212.05 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-580581, 1750

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

cc:

REMARKS:

DIRECTOR

rn= 12781 VPB44 B-108

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212212.06 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/02/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-DUP3, 0000

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

cc:

REMARKS:

DIRECTOR

rn= 12782

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:212212.07 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-610611, 1041

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= 12783 VPB44 B-110

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212212.08 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-620621, 1225

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

cc:

REMARKS:

DIRECTOR

rn= 12784 VPB44 B-111

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212212.09 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-640641, 1412

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= 12785

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212212.10 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-DM660, 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= 12786 VPB44 B-113

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212212.11 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/03/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-660661, 1605

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= 12787 VPB44 B-114

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212212.12 05/09/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/04/01 RECEIVED:05/04/01

SAMPLE: Water sample, BP-VPB-44-690691, 1140

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	13	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: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR

rn= 12788 VPB44 B-115

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212311.01 05/15/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-TB-050701, 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	<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= 13458 VPB44 B-116

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212311.02 05/15/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-701702, 1335

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	2
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= 13459 VPB44 B-117

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212311.03 05/15/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-DUP4, 1540

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	2
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= 13460

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212311.04 05/15/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-721722, 1535

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	3
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= 13461

VPB44 B-119

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212311.05 05/15/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/07/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-741742, 1730

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	2
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= 13462 VPB44 B-120

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212311.06 05/15/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/08/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-781782, 1610

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	2
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= 13463

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

LAB NO:212311.07 05/15/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/08/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-801802, 1825

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	2
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= 13464

VPB44 B-122

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212311.08 05/15/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:05/08/01 RECEIVED:05/09/01

SAMPLE: Water sample, BP-VPB-44-DUP5, 1830

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	2
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= 13465

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

LAB NO:212329.01 05/16/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:05/01/01 RECEIVED:05/10/01

SAMPLE: Water sample, BP-TB-050901, 0937

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= 13626

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212329.02 05/16/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:05/09/01 RECEIVED:05/10/01

SAMPLE: Water sample, BP-VPB-44-DM820, 0825

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	2.0
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= 13627

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

LAB NO:212329.03 05/16/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:05/09/01 RECEIVED:05/10/01

SAMPLE: Water sample, BP-VPB-44-832833, 1050

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	1.6
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= 13628

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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

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

LAB NO:212329.04 05/16/01

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

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037.0500
COLLECTED BY: Client DATE COL'D:05/09/01 RECEIVED:05/10/01

SAMPLE: Water sample, BP-RB-050901, 1055

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<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= 13629

Appendix C

VPB-45

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-15-01
GEOLOGIST: Vince Shuckora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1322	0					BRN	Silty Sand + Gravel			0	0	0	0
1325	10					BRN GRY	med to Coarse Sand with well sorted gravel			0	0	0	0
1328	20						Same as above			0	0	0	0
1335	30						Same as above			0	0	0	0
1352	40						med Sand, Trace fine to Coarse Sand, Trace Gravel			0	0	0	0
1355	50						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: 8" Drag Bit used

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-15-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 RQD	50					BRN GRY	Med to coarse gravel		HP-1 collected at 1515 hours				
1435	51	15/17	2"			wht	with Trace Silt/Sand		BP-VPB-45-CS1054	0	0	0	0
	52	24/23	24"										
1534	60					BRN GRY	Med to Coarse Sand Trace Silt.			0	0	0	0
1538	70					BRN GRY	Med to Coarse Sand with Trace Fine Sand and Fine gravel			0	0	0	0
1550	80						Same as above			0	0	0	0
1553	90						Same as above			0	0	0	0
	100						Same as above						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-4.5
DATE: 3-15-01 / 3-16-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
S-2 @	100								HP-2 collected @ 1715 hours				
1630	101	17/25				BRN GRY	Fine grain Sand with Trace of Silt		BP-VPB-45-102103	0	0	0	0
	102	40/40											
3-16-01 ↓													
0915	110						Same as above			0	0	0	0
0921	120						Same as above			0	0	0	0
0925	130						Med. to course Sand Trace Silt			0	0	0	0
0941	140						Same as above			0	0	0	0
0943	150						Same as above			0	0	0	0

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-16-01
GEOLOGIST: Vince Sinckora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
5-3 @	150								HP-3 collected @ 1055	0	0	0	0
1017	151	25/75	7"			ORG BRN	Fine to Med. Sand with Trace Silt		BP-VPB-45-152153				
	152	100/6	18"										
1219	160						Same as above			0	0	0	0
1227	170						Same as above			0	0	0	0
1231	180					Brn Gry	Silty Fine Sand with Trace Med to Coarse Sand			0	0	0	0
							Same as above						
1243	190									0	0	0	0
							possible clay layer						
							192' to 195'						
1248	200					Brn Gry	Silty Fine Sand with Trace Clay			0	0	0	0

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks: 8 inch PVC casing set in borehole from 0 feet to 150 feet BGS.

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-16-01 / 3-19-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	5-4 @	200								HP-4 collected @ 1345 hours				
↑	1303	201	25/40	6"			Gry Ore	Fine Sand with Trace Silt		*BP-VPB-45-202203	0	0	0	0
3-16-01		202	100/6	18"										
3-19-01														
↓		210						Same as above based on drilling						
	5-5 @	220												
	1425	221	27/55	11"			Gry	Fine grain silty Sand		HP-5 collected @ 1510 hours	0	0	0	0
		222	50/79	24"						*BP-VPB-45-222223				
	1523	230						Driller indicates probable Sand drilling at This interval						
	5-6 @	240												
	1558	241	25/47	9"			Gray Bro	Fine grain Sand with		HP-6 collected @ 1645 hours	0	0	0	0
		242	100/6	18"			Gry	Trace Silt		*BP-VPB-45-242243				
3-20-01														
↓								Possible clay layer 244' to 246 feet based on drilling						
		250												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 45
DATE: 3-20-01
GEOLOGIST: Vince Shuchera
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0821	250						Silt-Sand based on drilling						
0825	260												
S-7 @	261	26/30	14"			Org Brn	Fine grain sand with Trace silt and lignite		HP-7 collected @ 0935 hours	0	0	0	0
0845	262	36/40	24"			Gry	fragments		#BP-VPB-45-262263				
0940	270						Silt/Sand based on drilling						
1042	280												
S-8 @	281	26/31	13"			Gry	Very fine grain Sand with Trace silt		HP-8 collected @ 1105 hours	0	0	0	0
1015	282	37/29	24"						#BP-VPB-45-282283				
1112	290						Silt - fine sand based on drilling						
1116	300												

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-20-01
GEOLOGIST: Vince Shichora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-9 @	300									0	0	0	0
1136	301	20/40	15"			Gry	Silty very fine grain Sand		HP-9 - No recovery (dry)				
	302	40/30	24"						clay - silt observed on screen				
									No second HP will be attempted				
1307	310												
							fine Sand or silt based on drilling						
1310	320												
S-10 @	321	46/64	13"			Gry	Slightly Silty very fine Sand		HP-10 collected @ 1540 hours	0	0	0	0
1335	322	47/40	24"						# BP-VPB-45-322323				
1547	330						Same as above based on drilling						
							(lignite flags seen in cuttings)						
1550	340												
S-11 @	341	28/100 5	7"			Gry	very fine Sand with trace silt		HP-11 collected @ 1710 hours	0	0	0	0
1612	342		11"						# BP-VPB-45-342343				
	350												

3-20-01
3-21-01

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-21-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0832	350						Possible clay layer from 348' to 357' based on drilling						
0836	360												
S-12 @	361	10/50	12"			Gry Blk	very dense silty clay		(dry)	0	0	0	0
0904	362	100/5	17"						No HP attempted drill to 380				
0910	370						Same as above based on drilling						
							(Possible sand lense at 375' to 376' based on drilling)						
0914	380												
S-13 @	381	21/62	8"			Blk Gry	Silt with Trace of fine sand and clay		HP-12 collected @ 1105 hours *BP-VPB-45-382383	0	0	0	0
0941	382	100/3	15"										
1112	390						Same as above based on drilling						
							(Probable sand layer based on drilling at 396' to 398')						
1115	400												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-21-01 / 3-22-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
1115	400												
S-14	401	31 / 69	12"			Blk Gry	Very fine grain Sand-Silt with Trace lignite and clay		HP-13 No recovery Sampler was dry	0	0	0	0
1133	402	100 / 5	17"						No second attempt due to clay on screen				
1316	410												
S-15	411	21 / 64	6"			Blk Gry	Very fine grain Sand with Trace Silt and lignite frags		HP-14 No recovery (sampler was dry)	0	0	0	0
	412	100 / 3	15"						No second attempt due to clay on screen				
1502	420												
S-16	421	60 / 100	5"			Gry	Fine Sand with Trace of silt and lignite + clay		HP-15 No Recovery (sampler dry)	0	0	0	0
1516	422	7	8"						No second attempt				
							(silt-clay based on drilling)						
1422	430												
S-17	431	48 / 62	13"			Gry	Very dense clay with Trace silt		(dry) No HP attempted	0	0	0	0
1020	432	100 / 4	16"										
							(clay based on drilling)						
1035	440												
S-18	441	42 / 64	12"			Gry	Very dense clay with Trace silt + lignite frags		(dry) No HP attempted	0	0	0	0
1106	442	100 / 3	14"										
							(Sand lense at 445' to 447' based on drilling)						
1120	450												

3-21-01 ↑
3-22-01 ↓

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-22-01
GEOLOGIST: Vince Stuchiert
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	1120	450												
↑	S-19 @	451	55/65	10"			Gry Lmt	Silty very fine grain Sand with Trace lignite		HP-16 No recovery on first attempt	0	0	0	0
3-22-01	1138	452	100/1	13"						HP-17 collected @ 1510 hours				
										BP-VPB-45-452453				
3-23-01														
↓	0835	460												
	S-20 @	461	45/70	13"			Gry	very fine Sand / Silt Trace lignite frags		HP-18 collected @ 1030 hours	0	0	0	0
	0904	462	100/6	18"						*BP-VPB-45-462463				
	1034	470						(Silt / Sand based on drilling)						
	1037	480												
	S-21 @	481	44/100	8"			Gry	Fine Sand with Trace Silt		HP-19 collected @ 1215 hours	0	0	0	0
	1058	482	6	12"						*BP-VPB-45-482483				
	1217	490						(Silt/Sand based on drilling)						
	1220	500						(see next page)						

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-23-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	1220	500												
	5-22 @	501	54/100	5"/10"			Lt Gry	Fine to Med Sand with Trace Silt		HP-20 collected @ 1350 hours	0	0	0	0
3-23-01	1240	502	4							*BP-VPB-45-502503				
	1252	510						(Silt-Sand based on drilling)						
	1255	520												
	5-23 @	521	40/60	9"/15"			Lt. Gry	Silty very fine grain Sand (Trace lignite)		HP-21 collected @ 1450 hours	0	0	0	0
	1327	522	100/3							BP-VPB-45-522523				
	1356	530						(Silt-Sand based on drilling)						
	1358	540												
	5-24 @	541	61/100	7"/12"			Lt. Gry	Very fine grain Sand with Trace Silt and clay		HP-22 No recovery on first attempt	0	0	0	0
3-26-01	1424	542	6							HP-23 No recovery Silt-clay on Sampler Screen				
3-27-01														
	1022	550												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-27-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1022	550						(Clay layer from 545' to 553' based on drilling)						
							(Clay layer 558' based on drilling)						
1025	560												
S-25 @	561	60/100	7"			Blk Gry	Dense Silty Clay		(dry)	0	0	0	0
1104	562	4	10"						no HP attempted				
							(Clay based on drilling)						
1112	570												
							(Clay Based on drilling)						
							(Possible sand layer at 575' based on drilling)						
1116	580												
S-26 @	581	48/100	3"			Dk. Gry	Fine To med grain Silty Sand with Trace clay		HP-24 No recovery on first attempt	0	0	0	0
1140	582	3	9"				and lignite frags		HP-25 collected at 1445 hours				
									#BP-VPB-45-582553				
1451	590						(Silt/Sand based on drilling)						
							(Silt/Sand based on drilling)						
1454	600												

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-27-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	1454	600												
↑	S-27 @	601	56 / 100	7"			Dk. Gry	Silty fine grain Sand with large lignite fragment		HP-26 No recovery on first attempt	0	0	0	0
3-27-01	1517	602	5	11"			Blk			HP-27 No recovery Silt - Clay on Sampler screen				
								(Silt-Sand based on drilling)						
3-28-01	0915	610												
↓	S-28 @	611	35 / 61	14"			Lt. Gry	Silty - very fine grain Sand		HP-28 No recovery Sampler screen	0	0	0	0
	0947	612	70 / 72	24"						Clogged with silty clay				
										No second attempt				
	1107	620												
	S-29 @	621	44 / 100	7"			Lt. Gry	Silty - very fine sand Trace lignite frags		HP-29 collected @ 1300 hours	0	0	0	0
	1139	622	6	12"						#BP-VPB-45-622623				
	1305	630						(Silt - Sand Based on drilling)						
	1308	640												
	S-30 @	641	61 / 100	3"			Brn Gry	Fine to Med Sand with Trace silt		HP-30 collected @ 1500 hours	0	0	0	0
		642	3	9"						#BP-VPB-45-642643				

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 45
DATE: 3-28-01
GEOLOGIST: Vince Shrichard / Donald [illegible]
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	* Driller BZ**
1504	650						(Silt - Sand based on drilling)						
1510	660												
S-31 @	661	40/100	3"			Lt. Gry	Fine to med grain sand with Trace Silt-Lignite		HP-31 No recovery on first attempt	0	0	0	0
	662	3	9"						HP-32 No recovery				
	670												
S-32 @	671	75/100/5	6"/11"			Lt. Gry	Fine grain sand, trace silt		HP-33 collected @ 1345	0	0	0	0
1215	672								BP-VPB-45-682673				
	680												
S-33 @	681	50/100/6	10"/12"			Gry	Fine to Med grain'd sand, trace of silt		HP-34 collected @ 1550	0	0	0	0
1425	682								BP-VPB-45-682683				
1554	700												

3-28-01
3-29-01

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 3-24-01
GEOLOGIST: D. Whalen / S. NEIL
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
5-34 (C)	701	66 / 100/6	12"			Gray	Silty clay (TOP) Fine to coarse grain sandy		HP-35 NO recovery screen clogged	0	0	0	0
	702					tan	tr. to some silt med to coarse grained sand with pebbles		with silty clay				
4/2/01													
							V. Dense clay @ 705' based on drilling - clay knocks.						
	710												
5-35 C	711	12 / 27	3"			Brn/Gray	Med - V. Coarse Sand		HP-36 Collected @ 1210: BR-VPB-45-711-712	0	0	0	0
1050	712	100 / 3	15"										
									FORMATION TAKING MUD @ 718-720'.				
5-36 C	720					BRN	Clayey sand / Sandy		HP-37 COLLECTED @ 1423: BR-VPB-45-720-722	0	0	0	0
1250	721	61 / 100	6"				clay		ALSO COLLECT DUP.				
	722	50/6" / 3	9"										
(SW)	730 / 730					GRAY	CLAYEY SANDY GRAVEL - (Pea-sized gravel).		FORMATION CONTINUING TO TAKE MUD.	0	0	0	0
1440													
5-37 C	740					GRAY BRN	V. Fine sand, trace gravel		HP-38 COLLECTED @	0	0	0	0
1526	741	81 / 100	4"				TRACE clay some silt.		1650: BR-VPB-45-740-741				
	742	50/6" / 3	9"										

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm): 0

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 4/3/01
GEOLOGIST: S. NEIL
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0835	750						Gravel/sand based on						
							drilling.						
	754						Clay per drilling.						
	756						out of clay.						
S-36 @	760	(SW) 34				WHITE/ BRN	Gravelly/Sandy clay/		HP-36 collected @ 1043. BP-VPB-45	0	0	0	0
0920	761	31/44	10"				clayey gravel		761 762. Sample is "milky."				
	762	100/3	15"										
1050	770						Clay/gravel, per						
	771						drilling						
	772						Clay drilling						
	779						Clay/gravel drilling						
S-39 @	780					GRAY	Bottom 5" is clayey		HP-40 collected @ 1250. BP-VPB-45	0	0	0	0
1130 1150 (SW)	781	62/100	16"				gravel; remainder of		781 782; also collected 2 up.				
	782	over/2	8"				sample clay w/ trace gravel						
1258	790						Clay-like drilling						

* When rock coring, enter rock brokeness.

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

Drilling Area Background (ppm): 0

Remarks:

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

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-45
DATE: 4/3/01
GEOLOGIST: S. Neil
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-40 @	800					Gray	Silty sandy clay w/		HP-41 collected @ 1510. BP-VPB-	0	0	0	0
1342	801	100 over	1"				gravel		45-800801. Also collected Dup.				
	802	5	5"										
1516	810						Gravelly clay based						
							on drilling						
S-41 @	820					Gray	Clay - v. dense -			0	0	0	0
1620	821	37 Tot	19"				Raritan Clay						
	822	over 3	9"										
							END OF BORING @						
							822 FEET						

* When rock coring, enter rock brokeness.

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

Remarks:

Drilling Area Background (ppm): 0

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

AQUA TERRA GEOPHYSICS INC
16 STATION ROAD - SUITE #8
BELLPORT, NEW YORK 11713
631.286.7699

BOREHOLE ID: VPB - 45

TYPE OF LOG: NATURAL GAMMA

CUSTOMER UNITECH DRILLING
PROJECT NWIRP BETHPAGE
TOWN BETHPAGE
COUNTY NASSAU STATE NEW YORK

LOCATION
NASSU COUNTY STORM BASIN # 55, ZORANNE ST.

OTHER SERVICES

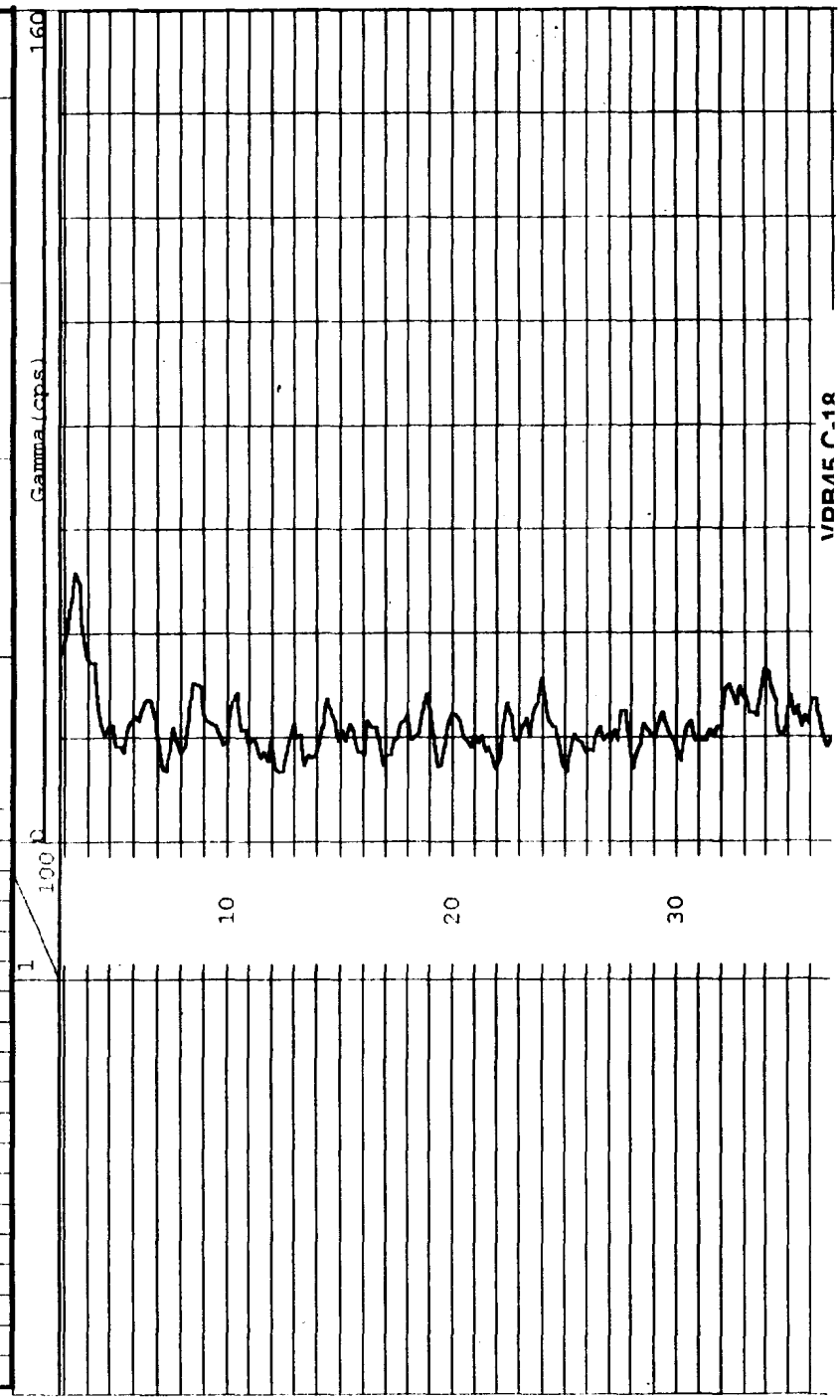
DEPTH REFERENCE GRADE ELEVATION

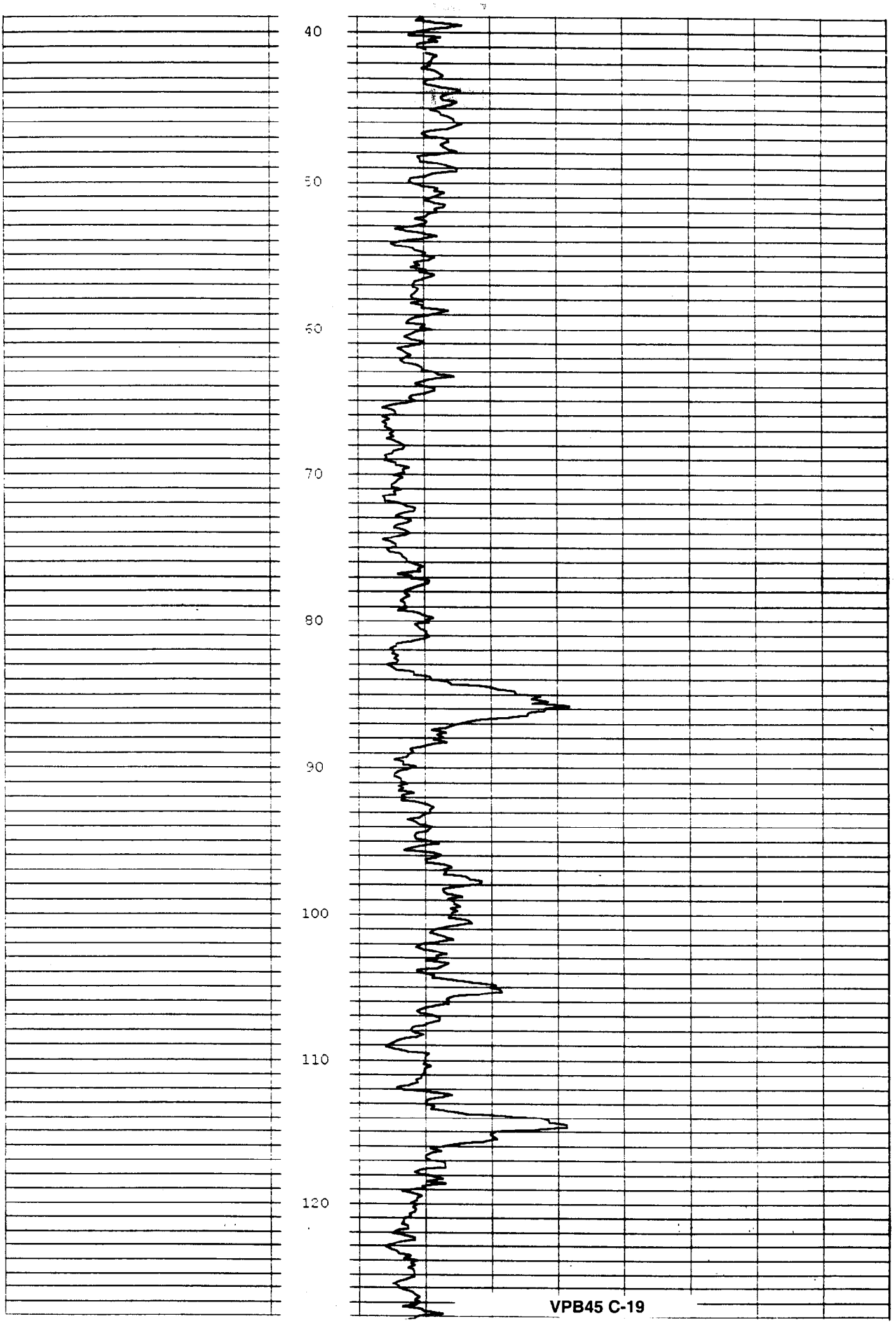
LOGGING UNIT MOUNT SOPRIS MGX II TRUCK 1998 SUBURBAN

DRILLING MEAS FROM GRADE

DATE	APRIL 3, 2001	TYPE FLUID IN HOLE	BENTONITE
		SALINITY	
		DENSITY	
DEPTH-DRILLER	820 FEET	LEVEL	
DEPTH-LOGGER	817 FEET	MAX. REC. TEMP.	
BTM LOGGED INTERVAL			
TOP LOGGED INTERVAL			
OPERATING RIG TIME			
RECORDED BY	BENJAMIN A. RICE		
WITNESSED BY	SCOTT NEIL		

RUN	BOREHOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
	6 INCH	150 FEET	TOTAL DEPTH	6 INCH	PVC	GRADE	150 FEET

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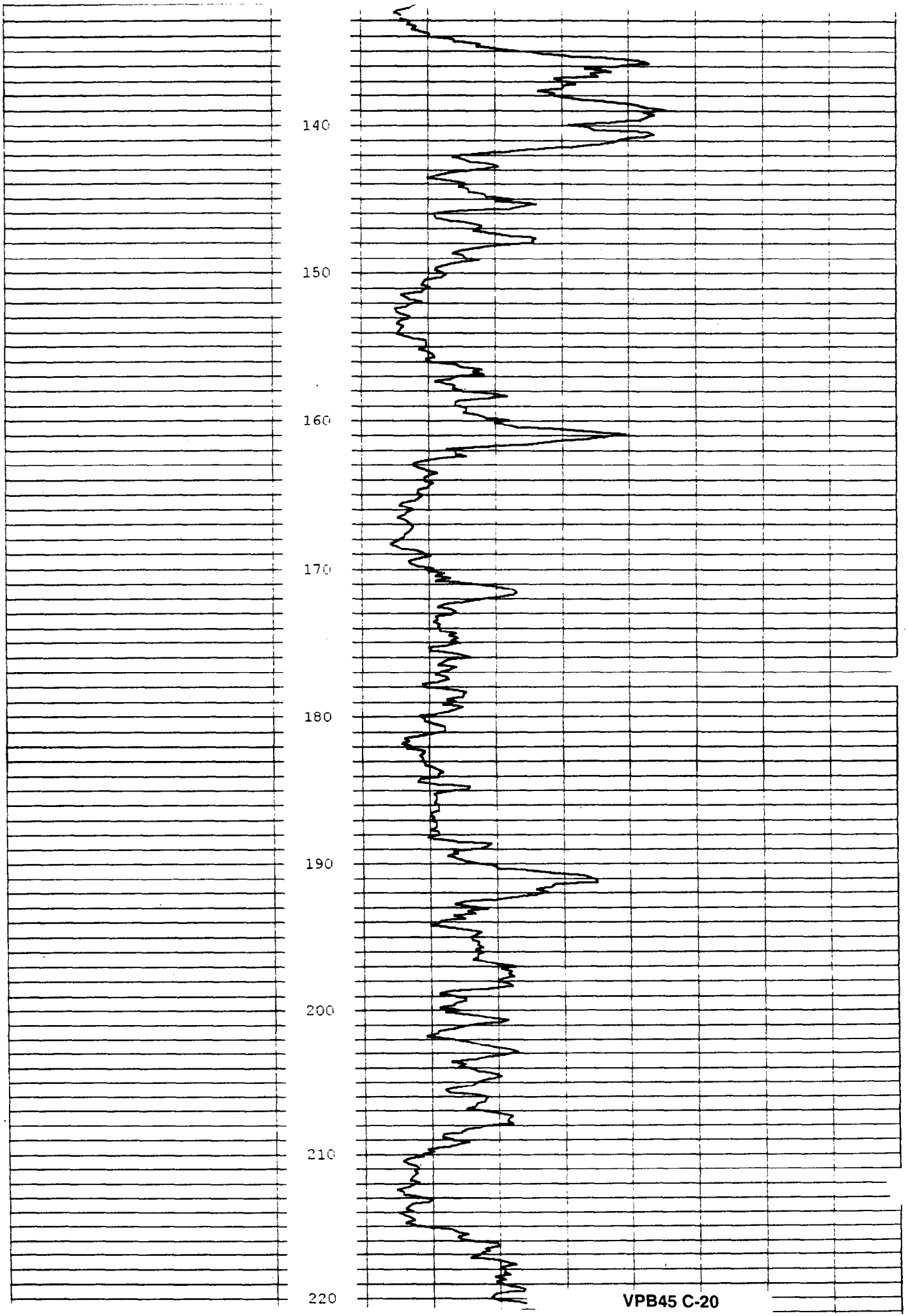
VPB45 C-19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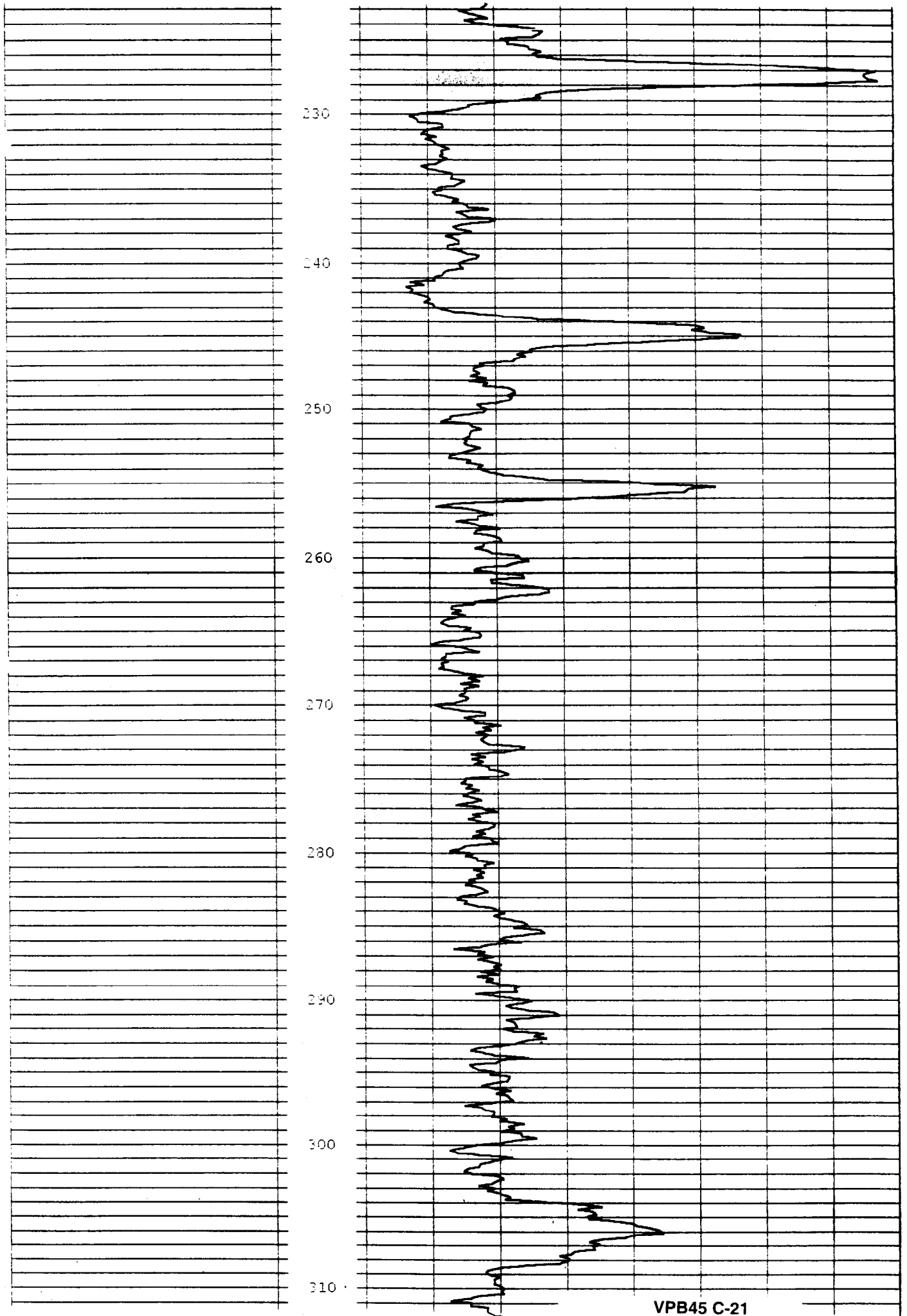
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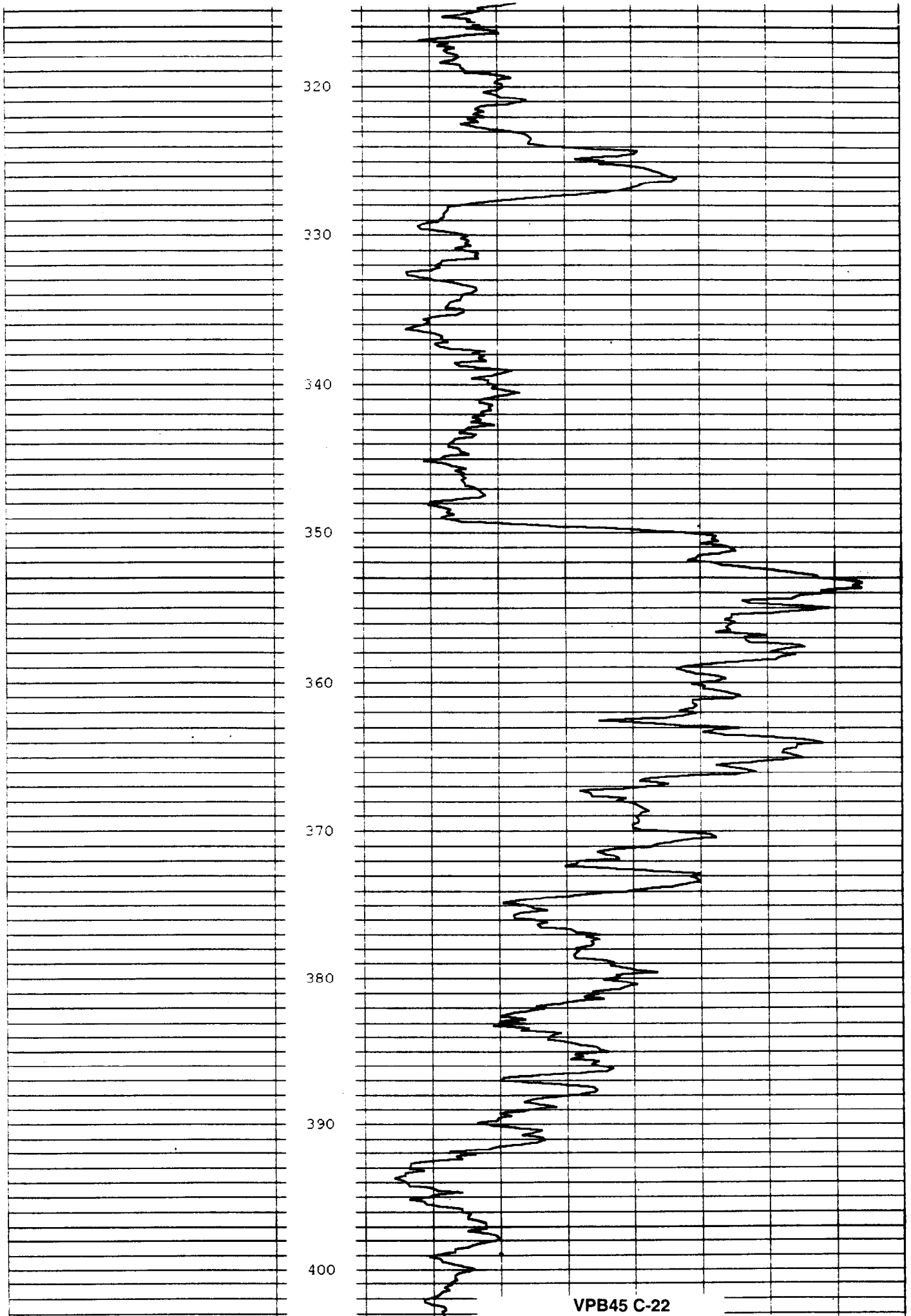
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380
390
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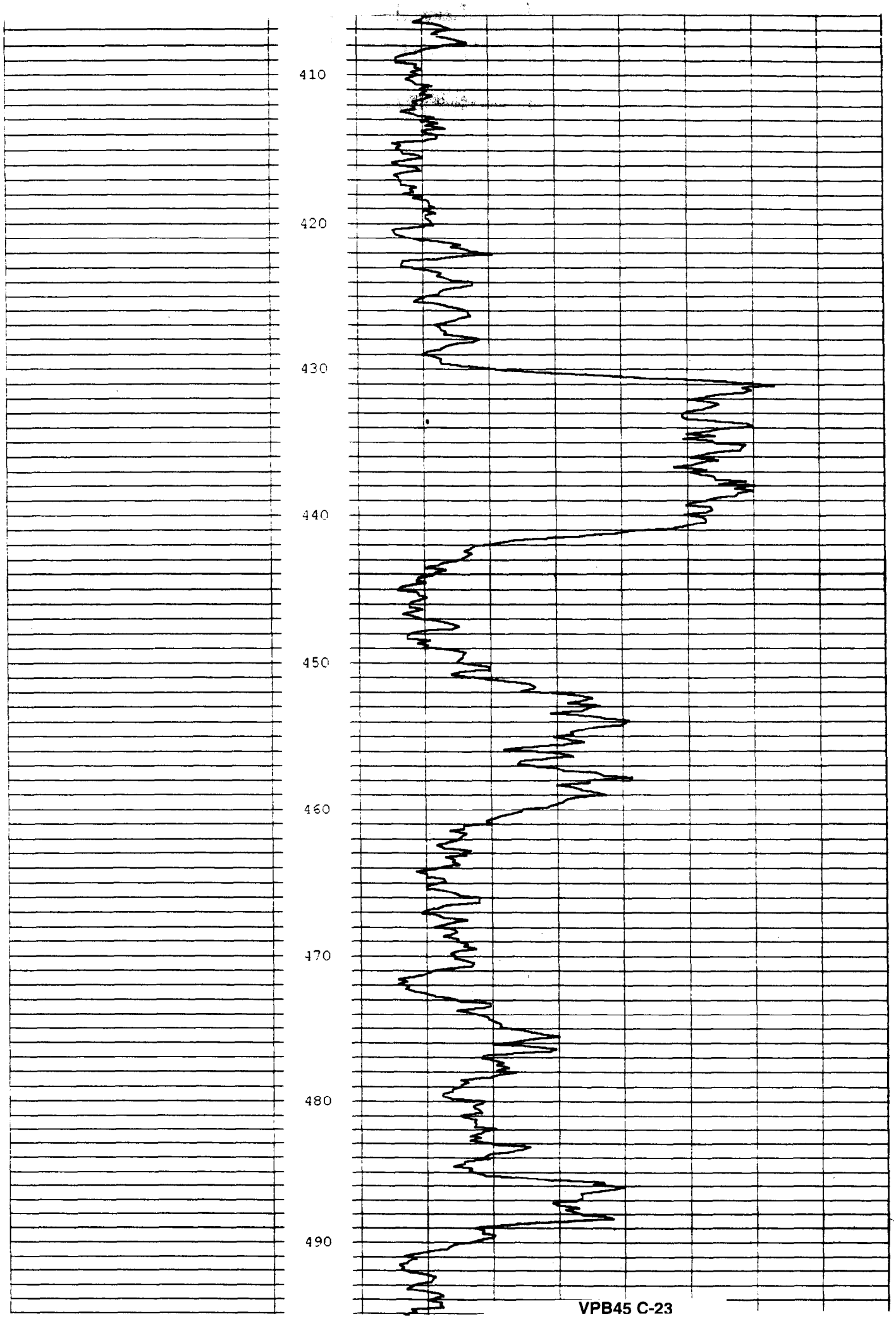
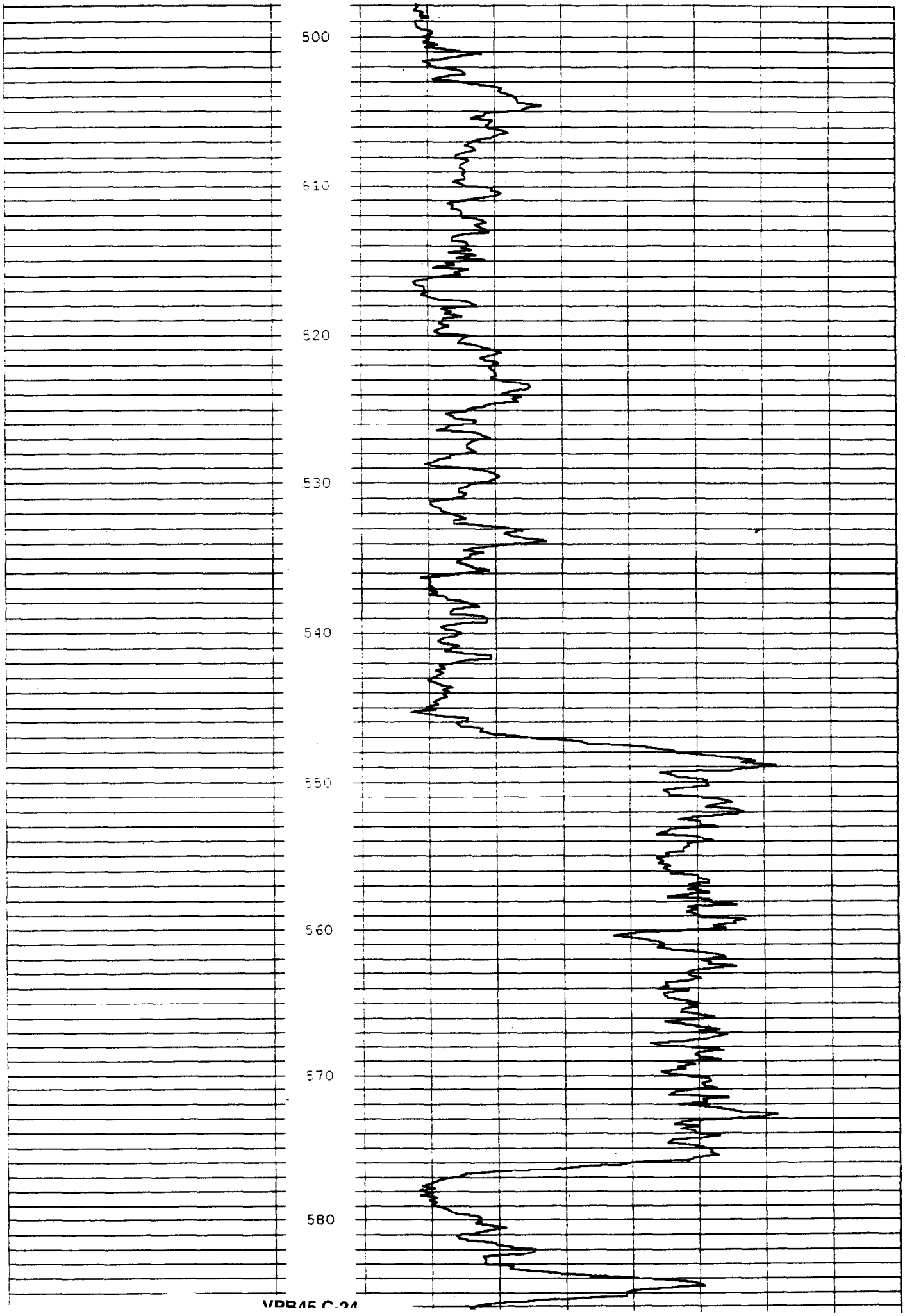
VPB45 C-22



VPB45 C-23



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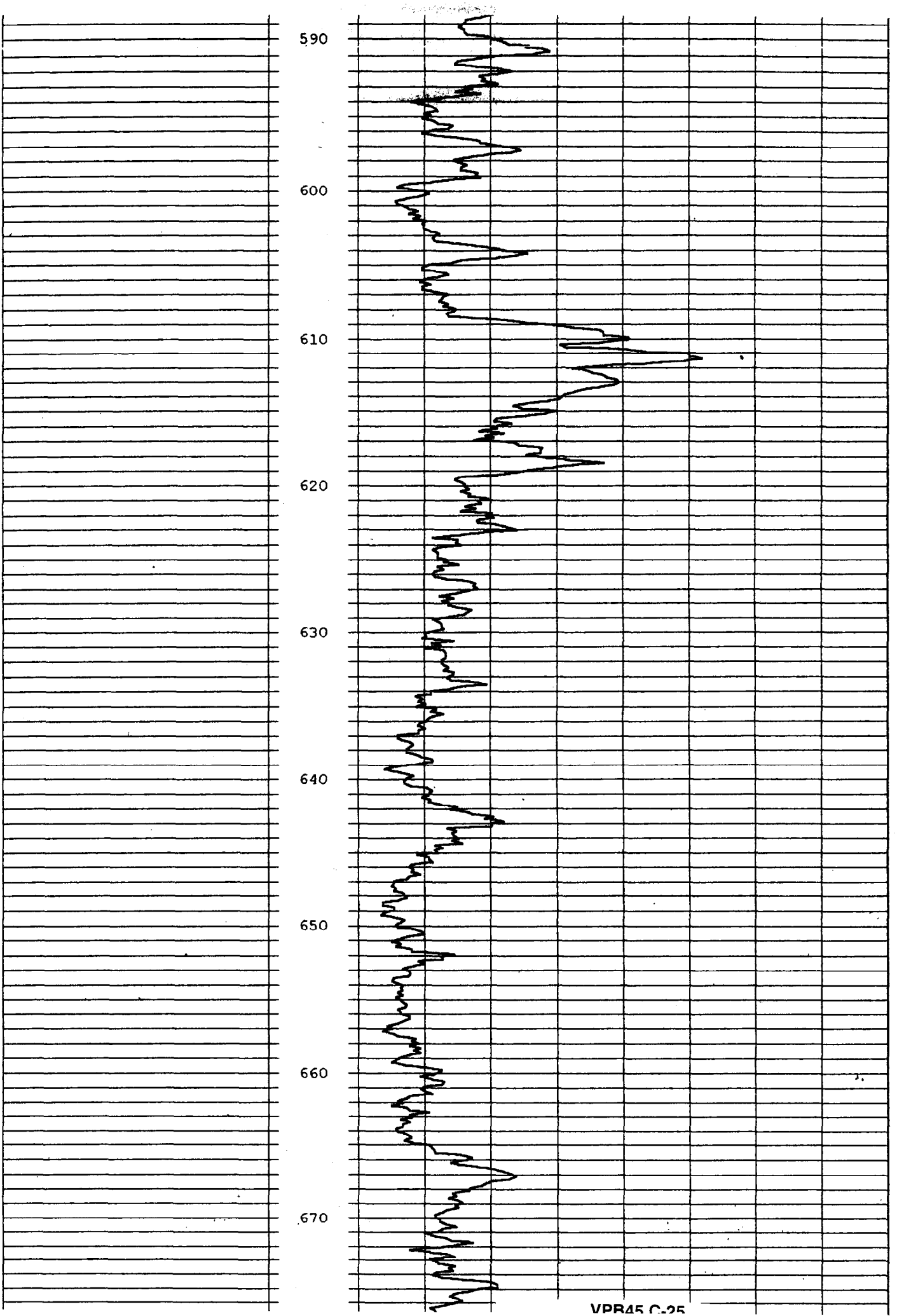
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650
660
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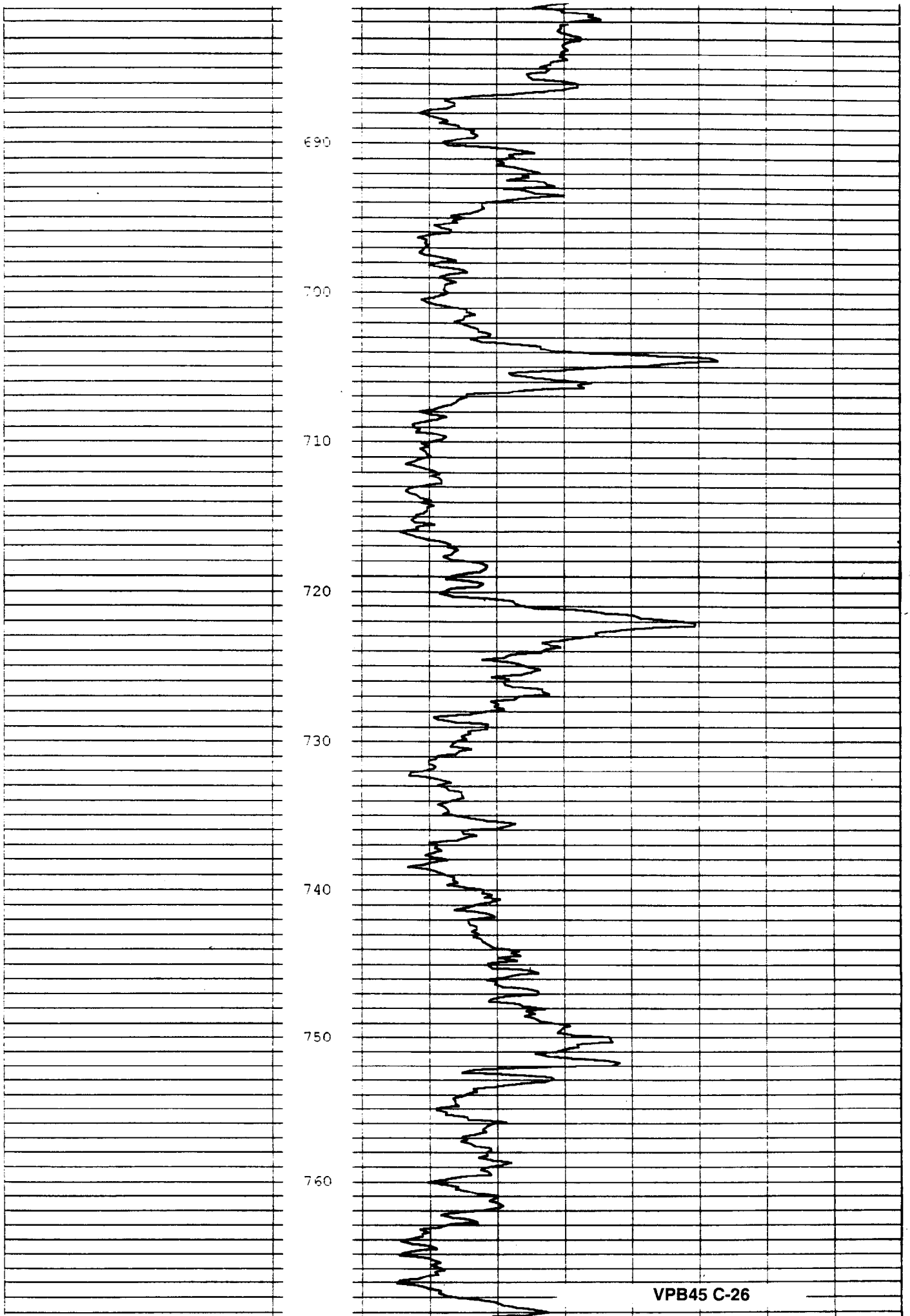
VPB45 C-25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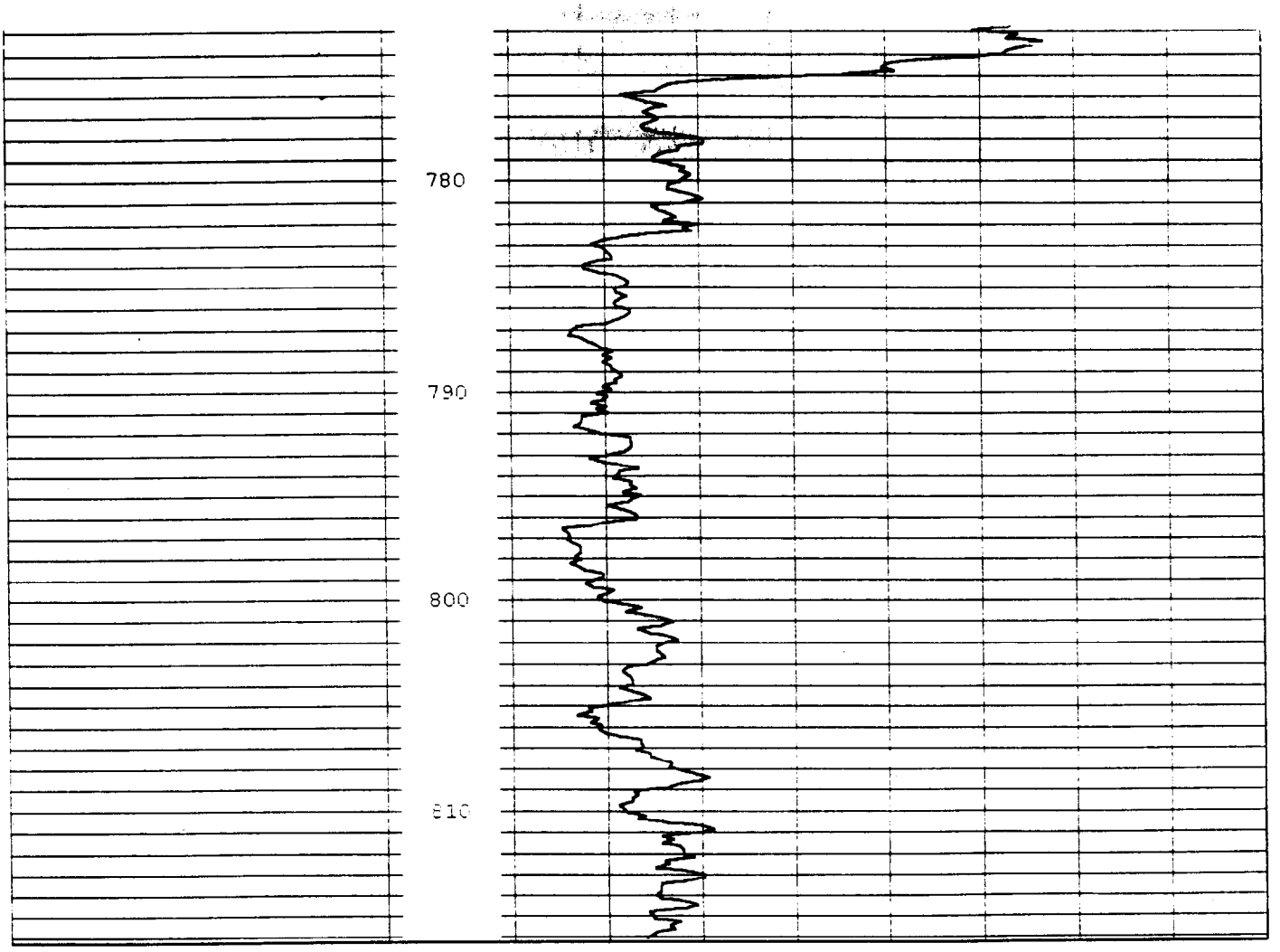
VPB45 C-26


780
790
800
810

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-053054
Sample Location: VPB-45
Sampled By: Vince Snickora
C.O.C. No.: BP-VPB-031601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 3-15-01								
Time: 1515								
Method: Hydropunch *	Gray-Turbid	5.96	1.49	12.6	>990	4.59	------	------

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1435 hours

Sample depth (screened interval) = 53' to 54'

Screen exposed to formation for 30 minutes.

Depth of borehole prior to advancing hydropunch = 52'

* Sample appears to be Natural Formation Water

Circle if Applicable:

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

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-102103
Sample Location: VPB-45
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-031601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-15-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1715	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray *	–	–	–	–	–	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	VAS ~~2~~ 1*

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1640 hours

Sample depth (screened interval) = 102' to 103'

Screen exposed to formation for 30 minutes.

Depth of borehole prior to advancing hydropunch = 100'

* insufficient volume for field parameters. Only 1 Jar collected due to low volume – appears to be Natural formation water

Circle if Applicable:

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

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-152153
Sample Location: VPB-45
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-C31601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-16-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1055	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	5.87	.303	14.0	>990	1.25	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1020 hours

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

Screen exposed to formation for 30 minutes.

Depth of borehole prior to advancing hydropunch = 150'

- Sample appears to be Natural formation water

Circle if Applicable:

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

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-202203
Sample Location: VPB-45
Sampled By: Vince Stickford
C.O.C. No.: BP-VPB-031601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-16-01 / Time: 1345	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Method: Hydropunch	Tan	5.10	.184	14.8	>990	0.58	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1315 hours

Sample depth (screened interval) = 202' to 203'

Screen exposed to formation for 30 minutes.

Depth of borehole prior to advancing hydropunch = 200'

- Sample appears to be Natural Formation Water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-222223
Sample Location: VPB-45
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-032101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1515	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey *	–	–	–	–	–	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 14:33 hours

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

Screen exposed to formation for 30 minutes.

Depth of borehole prior to advancing hydropunch = 220'

* Insufficient volume recovered for field parameter
- Sample appears to be natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-242243
Sample Location: VPB-45
Sampled By: Lynne Shickosa
C.O.C. No.: BP-VPB-032101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1645	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown*	–	–	–	–	–	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1605 hours

Sample depth (screened interval) = 242' to 243'

Screen exposed to formation for 40 minutes.

Depth of borehole prior to advancing hydropunch = 240

* Insufficient volume recovered for field parameters

- Sample appears to be natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-262263
Sample Location: VPB-45
Sampled By: Vince Shickert
C.O.C. No.: BP-VPB-032101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-20-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 0935	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown	6.30	0.460	11.4	749c	1.12	------	------

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0850 hours

Sample depth (screened interval) = 262' to 263'

Screen exposed to formation for 40 minutes.

Depth of borehole prior to advancing hydropunch = 260

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-282283
Sample Location: VPB-45
Sampled By: Vince Sinclair
C.O.C. No.: BP-VPB-032101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-20-01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1105								
Method: Hydropunch	Grey-brown	5.54	0.325	12.9	884	0.96	-----	-----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1016 hours

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

Screen exposed to formation for 45 minutes.

Depth of borehole prior to advancing hydropunch = 280'

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
–	–

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-322323
Sample Location: VPB-45
Sampled By: Vince Shichoria
C.O.C. No.: BP-VPB-032101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-20-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1540	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	6.06	0.558	13.0	>990	2.12	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1340 hours

Sample depth (screened interval) = 322' to 323'

Screen exposed to formation for 120 minutes.

Depth of borehole prior to advancing hydropunch = 320'

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB-45-Dup 1

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-342343
Sample Location: VPB-45
Sampled By: Vince Shickora
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-20-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1710	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	5.85	0.456	12.8	>990	0.79	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1615 hours

Sample depth (screened interval) = 342' to 343'

Sample appears to be Natural Formation water

Screen exposed to formation for 45 minutes.

Depth of borehole prior to advancing hydropunch = 340'

Circle if Applicable:

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-382,383
Sample Location: VPB-45
Sampled By: Vince Shichort
C.O.C. No.: BP-VPB-032301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-21-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1105	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray Tint	5.32	0.176	11.0	105	1.42	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0952 hours

Sample depth (screened interval) = 382' to 383'

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 380'

- Sample is Natural Formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-452453
Sample Location: VPB-45
Sampled By: Vinie Shickora
C.O.C. No.: BP-VPB-032301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-27-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1510	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Lt Grey*	—	—	—	—	—	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1450 hours

Sample depth (screened interval) = 452' to 453'

Screen exposed to formation for 70 minutes.

Depth of borehole prior to advancing hydropunch = 450'

* insufficient volume recovered for field Parameters

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___ 9 of 7

Project Site Name:	NWIRP Bethpage	Sample ID No.:	BP-VPB-45-~~462~~ 463
Project No.:	N0565.0200	Sample Location:	VPB-45
		Sampled By:	Vince Shickora
[] Domestic Well Data		C.O.C. No.:	BP-VPB-032301
[] Monitoring Well Data		Type of Sample:	
[x] Other Well Type:	Vertical Profile Boring	[x] Low Concentration	
[] QA Sample Type:		[] High Concentration	

SAMPLING DATA:

Date: 3-23-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1030	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Lt. Gray	6.02	0.276	11.0	>990	1.20	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0919 hours

Sample depth (screened interval) = 462' to 463'

- Sample appears to be Natural formation Water

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 460

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

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-482483
Sample Location: VPB-45
Sampled By: Vince Shinkora
C.O.C. No.: BP-VPB-032301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-23-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1215	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Lt. Gray	* –	–	–	–	–	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1109 hours

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

Screen exposed to formation for 61 minutes.

Depth of borehole prior to advancing hydropunch = 480

*insufficient volume recovered for field parameters

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s):

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-502503
Sample Location: VPB-45
Sampled By: Vince Shickora
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-23-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1350	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Lt. Gray						------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1250 hours

Sample depth (screened interval) = 502' to 503'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 500'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-522523
Sample Location: VPB-45
Sampled By: Vince Sluchort
C.O.C. No.: BP-VPB-032801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-26-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1450	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Lt. Gray	5.91	0.263	8.8	>990	2.18	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1345 hours

Sample depth (screened interval) = 522' to 523'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 520'

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [illegible]

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-582583
Sample Location: VPB- 45
Sampled By: Vince Shinkora
C.O.C. No.: BP-VPB-032801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-27-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1445	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray *	—	—	—	—	—	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1335 hours

Sample depth (screened interval) = 582' to 583'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 580'

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

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-622623
Sample Location: VPB- 45
Sampled By: Vince Shichorik
C.O.C. No.: BP-VPB-073001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-28-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1300	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray *	–	–	–	–	–	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1150 hours

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

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 620'

* insufficient volume recovered for field parameters.
- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
–	–

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name:	NWIRP Bethpage	Sample ID No.:	BP-VPB-45-~~642643~~ 642643 (VAS)
Project No.:	N0565.0200	Sample Location:	VPB-45
		Sampled By:	Vince Shichora
[] Domestic Well Data		C.O.C. No.:	BP-VPB-033001
[] Monitoring Well Data		Type of Sample:	
[x] Other Well Type:	Vertical Profile Boring	[x] Low Concentration	
[] QA Sample Type:		[] High Concentration	

SAMPLING DATA:

Date: 3-28-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1500	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brn-Gray	* -	-	-	-	-	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1350 hours

Sample depth (screened interval) = 642' to 643'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 640'

* insufficient volume recovered for field parameters

- Sample appears to be Natural Formation Water

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

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-672673
Sample Location: VPB-45
Sampled By: DW
C.O.C. No.: BP-VPB-033001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 7-29-00								
Time: 1545								
Method: Hydropunch	Gray	6.36	.449	10.7	>1000	11.17	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1226 hours

Sample depth (screened interval) = 672' to 673'

Screen exposed to formation for 74 minutes.

Depth of borehole prior to advancing hydropunch = 670'

- sample appears to be natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Donald Schulz

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GROUND WATER SAMPLE LOG SHEET

Page___ of ___

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

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

Sample ID No.: BP-VPB-45-682683
Sample Location: VPB-45
Sampled By: MN DW
C.O.C. No.: BP-VPB-033001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3-29-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1550	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	* —	—	—	—	—	—	—

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1435 hours

Sample depth (screened interval) = 682' to 683'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 680'

* insufficient volume recovered for field parameters

– sample appears to be natural formation water

Circle if Applicable:

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

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-45-711712
Sample Location: VPB-45
Sampled By: S. NYIL
C.O.C. No.: BP-VPB-040401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/2/01 Time: 1210	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity ~~[illegible]~~	DO mg/l	Salinity %	TBD
Method: Hydropunch	BROWN	5.99	0.741	11.5	~~0.73~~ >999	0.73	------	------

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1058.

Sample depth (screened interval) = 711'-712'

Screen exposed to formation for 64 minutes.

Depth of borehole prior to advancing hydropunch = 710'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [illegible]

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GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB- 45- 7272
Sample Location: VPB- 45
Sampled By: S. NTIC
C.O.C. No.: BP-VPB-042401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/2/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1423	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brn	6.10	.174	11.2	7999	1.01	-----	-----

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1302

Sample depth (screened interval) = 721- 722'

Screen exposed to formation for 72 minutes.

Depth of borehole prior to advancing hydropunch = 720'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB45-DUP2

Signature(s): [illegible]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

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

Sample ID No.: BP-VPB-45-740741
Sample Location: VPB-45
Sampled By: S. NEL
C.O.C. No.: BP-VPB-040401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/2/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1650	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	WHITE	5.70	.069	11.1	893	2.67	------	------

PURGE DATA:

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

SAMPLE COLLECTION INFORMATION:

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

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1536.

Sample depth (screened interval) = 740 - 741 FEET

Screen exposed to formation for 64 minutes.

Depth of borehole prior to advancing hydropunch = 740 FEET.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

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

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-45-761762
Sample Location: VPB-45
Sampled By: S. Neil
C.O.C. No.: BP-VPB-040401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA: NO FIELD PARAMETERS TAKEN DUE TO INSUFFICIENT SAMPLE VOLUME

Date: 4/3/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1043	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	WHITE	—	—	—	—	—	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1 *

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0931

Sample depth (screened interval) = 761-762'

Screen exposed to formation for 63 minutes.

Depth of borehole prior to advancing hydropunch = 760'

* Only one vial collected due to insufficient sample volume.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type: -

Sample ID No.: BP-VPB-45-78782
Sample Location: VPB-45
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-040401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA: INSUFFICIENT SAMPLE VOLUME TO RUN FIELD PARAMETERS.

Date: 4/3/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1250	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	MILKY	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1138.

Sample depth (screened interval) = 781 - 782 FEET

Screen exposed to formation for 64 minutes.

Depth of borehole prior to advancing hydropunch = 780 FEET

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB45-DUP3

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-45-800801
Sample Location: VPB-45
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-040801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/3/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1510	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRAY	5.50	1.46	12.8	>999	1.21	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1352.

Sample depth (screened interval) = ~~800~~ 800 - 801 FEET.

Screen exposed to formation for 68 minutes.

Depth of borehole prior to advancing hydropunch = 800 FEET

* Sample has appearance of cross-contamination w/ drilling mud. Also based on specific conductance reading.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB45-DUP4

Signature(s): [signature]

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: NC565-0200

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-45-280281
Sample Location: VPB-45
Sampled By: Vince Shuckort
C.O.C. No.: BP-VPB-032201

Type of Sample:
[X] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 3-20-01 Time: 1017 Method: Hand Trowel/Split Spoon Monitor Reading (ppm): 0	280' to 281'	Gray	very fine grain Sand

COMPOSITE SAMPLE DATA:

Date:	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	1 - 4 ounce glass Jar	1	

OBSERVATIONS / NO[redacted]

- No odors or stains observed

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: NC565-0200

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-45-450451
Sample Location: VPB-45
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-032301

Type of Sample:
[X] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 3-22-01 Time: 1157 Method: Hand Trowel / Split Spoon Monitor Reading (ppm): 0	450' to 451'	Grey white	Fine Sand with Trace of silt and lignite frags (wet)

COMPOSITE SAMPLE DATA:

Date:	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	4 ounce glass Jar	1	—

OBSERVATIONS / NOTES:

- No odors or stains observed on sample

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): LRAS

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-031501
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-031601

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3-12-01
Time: 0935
Method: Lab-prepared

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C/HCl	(2) 40 mL Glass Vials	2

OBSERVATIONS/NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-031901
Sampled By: Vince Shichora
C.O.C. Number: BP-VPB-032101

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3-15-01
Time: 09:36
Method: Lab-Supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-RB-032001
Sampled By: Vince Shichora
C.O.C. Number: BP-VPB-032101

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3-20-01
Time: 0800
Method: Direct Grab

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type: Hydropunch - Water
Equipment Used: Hydropunch Sampler
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

- Sample collected by pouring Laboratory Supplied Blank Water through clean (decon'd) Hydropunch Sampler

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-VPB45-DM.28C
Sampled By: Vince Shichorn
C.O.C. Number:

[] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[X] Other Blank Drilling Mud

SAMPLING DATA:

Date: 3-20-01
Time: 0945
Method: Direct Grab

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[X] Other Drilling Mud
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

- Drilling Mud sample of Mud pit at 28C' on VPB-45.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-032101
Sampled By: Vince Sanchez
C.O.C. Number: BP-VPB-032301

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3-15-01
Time: 09:36
Method: Grab - Lab Supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-45
QA Sample Type:

Sample ID Number: BP-TB-032601
Sampled By: Vince Sinchera
C.O.C. Number: BP-VPB-032801

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank ___

SAMPLING DATA:

Date: 3-22-01
Time: 1505
Method: Lab supplies

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other ___
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name: ___
Supplier: ___
Manufacturer: ___
Order Number: ___
Lot Number: ___
Expiration Date: ___

RINSATE INFORMATION (If Applicable):

Media Type: ___
Equipment Used: ___
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

[] Trip Blank
[] Source Water Blank

Sample ID Number: BP-VPB-45-DM600
Sampled By: Vince Shichora
C.O.C. Number: BP-VPB-032801

[] Rinsate Blank
[X] Other Blank Drilling Mud

SAMPLING DATA:

Date: 3-27-01
Time: 1645
Method: Direct Grab

WATER SOURCE:

[] Laboratory Prepared
[] Purchased
[X] Other Drilling Mud
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	

OBSERVATIONS / NOTES:

- Drilling mud sample of circulating mud from mud pit with drill Rods at 600' BGS on VPB-45

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-032801
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-033001

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3-22-01
Time: 1505
Method: Lab Supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

Sample ID Number: BP-RB-033001
Sampled By: D. Whalen
C.O.C. Number: BP-VPB-033001

SAMPLING DATA:

Date: 3-30-01
Time: 1020
Method: Direct Grab

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type: Water
Equipment Used: Hydropunch Sampler
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

- Sample collected by pouring Laboratory-Supplied Blank water through deconned Hydropunch sampler

Signature(s): Donald Whalen

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-45
QA Sample Type:

Sample ID Number: BP-TB040201
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-040401

[x] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 4/2/01
Time: 0845
Method: LAB-SUPPLIED

WATER SOURCE:

[x] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-45
QA Sample Type:

Sample ID Number: Tape Blank
Sampled By: S. Neil
C.O.C. Number: BPVPB040401

[] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[■] Other Blank Tape Blank*

SAMPLING DATA:

Date: 4/3/01
Time: 1450
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
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

* Place ≈ 1-inch piece of electrical tape into a VOA vial and fill with DI water (zero head space).

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-45
QA Sample Type:

[] Trip Blank
[] Source Water Blank
[■] Rinsate Blank
[] Other Blank

Sample ID Number: BP-RB040301
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-040401

SAMPLING DATA:

Date: 4/3/01
Time: 1753
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: GROUNDWATER
Equipment Used: HYDROPUNCH
Equipment Type:
[] Dedicated
[■] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s):

CHAIN OF CUSTODY RECORD

BP-VPB-031601

PROJECT NO.: N0565-0200

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 mL Vials VOCs						REMARKS
1	3/13/01	0935		X	BP-TB-031501	2	2						Lab prepared Trip Blank
2	3/15/01	1515		X	BP-VPB-45-053054	2	2						
3	3/15/01	1715		X	BP-VPB-45-102103	1	1						Insufficient volume recovered to fill both jars (only 1 vial collected)
4	3/16/01	1055		X	BP-VPB-45-152153	2	2						
5	3/16/01	1345		X	BP-VPB-45-202203	2	2						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	3/16 @ 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: Shipped via Laboratory Courier	

VPB45 C-69

CHAIN OF CUSTODY RECORD

BP-VPB-032101

PROJECT NO.: N0565-0200

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vincent Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40ml Vials VOCs						REMARKS
1	3/15/01	0936		X	BP-TB-031901	2	2						lab supplied Trip Blank
2	3/19/01	1510		X	BP-VPB-45-222223	2	2						
3	3/19/01	1645		X	BP-VPB-45-242243	2	2						
4	3/20/01	0800		X	BP-RB-032001	2	2						Rinsate Blank with Laboratory supplied Blank water
5	3/20/01	0935		X	BP-VPB-45-262263	2	2						
6	3/20/01	0948		X	BP-VPB45-DM280	2	2						
7	3/20/01	1105		X	BP-VPB-45-282283	2	2						
8	3/20/01	1540		X	BP-VPB-45-322323	2	2						
9	3/20/01	1200		X	BP-VPB45-DUP1	2	2						
10	3/20/01	1710		X	BP-VPB-45-342343	2	2						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	3-21-01 0800				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped by Laboratory Courier	

VPB45 C-70

Order No. [illegible] (0693)

Chain of Custody Record

BP VPB-032301

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client	Project Manager	Date	Chain of Custody Number
Tetra Tech NUS	Dave Brzyzek	3-23-01	002578
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
661 Andersen Drive	(412) 921-8375 / (412) 921-4040		

City	State	Zip Code	Site Contact	Lab Contact
Pittsburgh	PA	15220	Vince Shickora	

Project Name and Location (State)	Carrier/Waybill Number
NWIRP Bethpage New York	Fed Ex # 805342174155

Contract/Purchase Order/Quote No.

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNOS	HCl	NaOH	ZnAc/NaOH		Analysis (Attach list if more space is needed): VOCs	Al Cd Cr	TSS		TOC								Special Instructions/ Conditions of Receipt
BP-AQIDW-01	3-22-01	1640		X				X		X	X				2	1	1										
BP-VPB-45-280281	3-22-01	1017				X		X											1								
BP-VPB-45-450451	3-22-01	1157				X		X											1								

VPB45 C-71

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Vince Shickora	3-23-01	1830	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

CHAIN OF CUSTODY RECORD

BP-VPB-032301

PROJECT NO.: N0565-0200

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ML VOCs						REMARKS
1	5/15/01	0936		X	BP-TB-032101	2	2						Lab supplied Trip Blank
2	5/21/01	1105		X	BP-VPB-45-382383	2	2						
3	5/22/01	1510		X	BP-VPB-45-452453	2	2						
4	5/23/01	1030		X	BP-VPB-45-462463	2	2						
5	5/23/01	1215		X	BP-VPB-45-482483	2	2						
6	5/23/01	1350		X	BP-VPB-45-502503	2	2						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	5-23-01 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	

VPB45 C-72

CHAIN OF CUSTODY RECORD

BP - VPB - 032801

PROJECT NO.: N0565 - 0200

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): Vince Shizkora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Volatile VOCs							REMARKS
1	03/26/01	1505		X	BP- TB- 032601	2	2							Lab supplied Trip Blank
2	03/26/01	1450		X	BP- VPB - 45 - 522523	2	2							
3	03/27/01	1445		X	BP- VPB - 45 - 582583	2	2							
4	03/27/01	1645		X	BP- VPB - 45 - DM 600	2	2							
					Temperature Blank	1								

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
	3-28-01 0800				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped by Laboratory Courier	

VPB45 C-73

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

BP-VPB-033001

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 VOAs VOCs						REMARKS
1	3/30/01	1505		X	BP-TB-032801	2	2						Laboratory prepared Trip Blank
2	3/29/01	1300		X	BP-VPB-45-622623	2	2						
3	3/29/01	1500		X	BP-VPB-45-642643	2	2						
4	3/29/01	1345		X	BP-VPB-45-672673	2	2						
5	3/29/01	1550		X	BP-VPB-45-682683	2	2						
6	3/30/01	1020		X	BP-RB-033001	2	2						Rinsate Blank
					Temperature Blank								

VPB45 C-74

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Donald Whalen	3/30/01 1130				
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	

Order No. 70[illegible] (0693)

CHAIN OF CUSTODY RECORD

CHAIN OF CUSTODY # BP-VPB-040401

PROJECT NO.: N0565

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. Reid

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	4/2/01	0845		x	BP-TB040201	2	x						LAB-SUPPLIED TRIP BLANK
2	↓	1210		x	BP-VPB-45-711712	2	x						
3		1423		x	BP-VPB-45-721722	2	x						
4		1650		x	BP-VPB-45-740741	2	x						
5		0000		x	BP-VPB45-DUP2	2	x						DUPLICATE OF BP-VPB-45-721722
6	4/3/01	1043		x	BP-VPB-45-761762	1	x						INSUFFICIENT SAMPLE VOLUME
7	↓	1250		x	BP-VPB-45-781782	2	x						
8		0000		x	BP-VPB45-DUP3	2	x						DUPLICATE OF BP-VPB-45-781782
9		0000		x	BP-VPB45-DUP4	2	x						DUPLICATE OF BP-VPB-45-800801
10		1450		x	Tape Blank	1	x						Sample of electrical tape saturated in DI water
11		1510 ~~0000~~ (SW)		x	BP-VPB-45-800801	2	x						
12	↓	1753		x	BP-RB040301	2	x						RINSATE BLANK ON HYDROPUNCH

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott W. Reid	4/4/01 1300	LAB COURIER			
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. 78440 (0693)

VPB45 C-75

TETRA TECH NUS, INC.

Client Sample ID: BP-VPB-45-280281

General Chemistry

Lot-Sample #...: C1C240119-001 Work Order #...: DXXCW Matrix.....: SOLID
Date Sampled...: 03/20/01 Date Received..: 03/24/01
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	78.7		%	MCAWW 160.3 MOD	03/27-03/28/01	1086208
	Dilution Factor: 1			MS Run #.....: 1086068		
Total Organic Carbon 2210		63.6	mg/kg	MSA WALKLEY-BLACK	03/27/01	1085264
	Dilution Factor: 1			MS Run #.....: 1085126		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

VPB45 C-76

TETRA TECH NUS, INC.

Client Sample ID: BP-VPB-45-450451

General Chemistry

Lot-Sample #...: C1C240119-002 Work Order #...: DXXC3 Matrix.....: SOLID
Date Sampled...: 03/22/01 Date Received..: 03/24/01
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	76.9		%	MCAWW 160.3 MOD	03/27-03/28/01	1086208
		Dilution Factor: 1		MS Run #.....: 1086068		
Total Organic Carbon	2990	65.0	mg/kg	MSA WALKLEY-BLACK	03/27/01	1085264
		Dilution Factor: 1		MS Run #.....: 1085126		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211313.01 03/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/13/01 RECEIVED:03/16/01

SAMPLE: Water sample, BP-TB-031501, 0935

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211313.02 03/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/15/01 RECEIVED:03/16/01

SAMPLE: Water sample, BP-VPB-45-053054, 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	23	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	2			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 7485 VPB45 C-79

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211313.03 03/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/15/01 RECEIVED:03/16/01

SAMPLE: Water sample, BP-VPB-45-102103, 1715

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	4	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211313.04 03/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/16/01 RECEIVED:03/16/01

SAMPLE: Water sample, BP-VPB-45-152153, 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	3
1,1 Dichloroethane	ug/L	9
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	5
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	3

cc:

REMARKS:

DIRECTOR

rn= 7487 VPB45 C-81

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211313.05 03/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/16/01 RECEIVED:03/16/01

SAMPLE: Water sample, BP-VPB-45-202203, 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	3	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	7	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	4	Trichloroethene	ug/L	5
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.01 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/15/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-TB-031901, 0936

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= 7997 VPB45 C-83

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.02 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/19/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-222223, 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	3
1,1 Dichloroethane	ug/L	9
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	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	7

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.03 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/19/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-242243, 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	3	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	8	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	3	Trichloroethene	ug/L	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			

cc:

REMARKS:

DIRECTOR

rn= 7999 VPB45 C-85

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.04 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-RB-032001, 0800

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.05 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-262263, 0935

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	2
1,1 Dichloroethane	ug/L	8
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	<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= 8001 VPB45 C-87

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.06 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-DM280, 0948

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.07 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-282283, 1105

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<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= 8003

VPB45 C-89

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.08 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-322323, 1504

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= 8004 VPB45 C-90

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.09 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-DUP1, 1200

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 8005 VPB45 C-91

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211396.10 03/27/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/20/01 RECEIVED:03/21/01

SAMPLE: Water sample, BP-VPB-45-342343, 1710

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.01 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/15/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-TB-032101, 0936

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= 8308 VPB45 C-93

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.02 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/21/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-382383, 1105

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.03 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/22/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-452453, 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= 8310 VPB45 C-95

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.04 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-462463, 1030

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	140
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= 8311

VPB45 C-96

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.05 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-482483, 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	23
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= 8312 VPB45 C-97

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211454.06 03/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-502503, 1350

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	170			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Sample reanalyzed from second sample vial to confirm results.

DIRECTOR

rp= 8313 VPB45 C-98

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211517.01 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/28/01

SAMPLE: Water sample, BP-TB-032601, 1505

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= 8660 VPB45 C-99

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211517.02 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/26/01 RECEIVED:03/28/01

SAMPLE: Water sample, BP-VPB-45-522523, 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	<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= 8661 VPB45 C-100

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211517.03 04/03/01

Tetra Tech Nus. Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/27/01 RECEIVED:03/28/01

SAMPLE: Water sample, BP-VPB-45-582583, 1445

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	7			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 8662

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211517.04 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/27/01 RECEIVED:03/28/01

SAMPLE: Water sample, BP-VPB-45-DM600, 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	28	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= 8663 VPB45 C-102)

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.01 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/22/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-TB-032801, 1505

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= 8959 VPB45 C-103

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.02 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/28/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-VPB-45-622623, 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	<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= 8960

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.03 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/28/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-VPB-45-642643, 1500

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= 8961 VPB45 C-105

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.04 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/29/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-VPB-45-672673, 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	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	2			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211571.05 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/29/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-VPB-45-682683, 1550

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	78	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	4			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 8963

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:211571.06 04/03/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/30/01 RECEIVED:03/30/01

SAMPLE: Water sample, BP-RB-033001, 1020

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= 8964

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.211454.06 04/05/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/23/01 RECEIVED:03/23/01

SAMPLE: Water sample, BP-VPB-45-502503, 1350*

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	>100 **
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: *Report of reanalysis from second sample vial.
**response for toluene is out of linear range when run at this dilution (X1); value exceeded 100 ug/L.

Additional Report (requested by client 4/3/01).

DIRECTOR

rn= 9204

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.01 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-TB040201, 0845

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= 9397 VPB45 C-110

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.02 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-711712, 1210

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	32
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= 9398 VPB45 C-111

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.03 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-721722, 1423

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= 9399

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.04 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-740741, 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= 9400

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.05 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/02/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-DUP2, 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	<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= 9401

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.06 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-761762, 1043

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= 9402

VPB45 C-115

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.07 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-781782, 1250

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	31
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= 9403

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.08 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-DUP3, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	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= 9404

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.09 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-DUP4, 0000

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	69
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

rp= 9405

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.10 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, Tape Blank, 1450

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	4
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	4
Acetone	ug/L	<10	Xylene	ug/L	4
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	2			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	7500			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 9406

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.11 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-VPB-45-800801, 1510

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	46
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= 9407 VPB45 C-120

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211655.12 04/09/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:04/03/01 RECEIVED:04/04/01

SAMPLE: Water sample, BP-RB040301, 1753

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= 9408 VPB45 C-121

Appendix D

VPB-46

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2/7/01
GEOLOGIST: S. Nail
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	2						silty sand w/gravel	SM	Hand auger.	0	0	0	0
1103	10					BRN	coarse to v. course			0	0	0	0
							sand w/ pea gravel	SW					
1130	20					BRN	same as above w/	SW		0	0	0	0
							larger gravel						
1222	30					BRN	v. coarse sand w/	SW		0	0	0	0
							pea gravel						
1445	40					BRN	v. coarse sand and	SW					
							med. 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.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2/7-8/01
GEOLOGIST: S. NEIL
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1	<10	35/30	4.5			BRN	Sm-med gravel w/	GP	HP-1 collected @	0	0	0	0
@ 1542	52	20/25	24				coarse sand		1622.				
									BP-VPB-46-5253				
1635	60					BRN	same as above	GP		0	0	0	0
1650	70					BRN	coarse sand trace	SW		0	0	0	0
2/8/01							gravel						
1055	80					BRN	med-coarse sand w/	SP		0	0	0	0
							sm gravel						
1109	90					BRN	coarse - v. coarse sand	SP		0	0	0	0
							w/ small gravel						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): [ ]

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2/8/01
GEOLOGIST: S. Nail
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-2	100	51/100	2			WH	quartz gravel of	GP	collect HRJ @	0	0	0	0
@ 1200	102	over/5	11				various sizes		1419.				
									BP-VPB-46-101102				
1425	110					BRN	med gravel trace v.	GW		0	0	0	0
							coarse sand						
1437	120					BRN	Same as above	GW		0	0	0	0
1446	130					BRN	Same as above w/	GC		0	0	0	0
							some clay						
1455	140					BRN	gravelly clay	GC		0	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-
DATE: 2/8-9/01
GEOLOGIST: S. Neil
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-3	150	32/31	14			Gray BRN	fine grained sand w/	SW	HP-3 collected @	0	0	0	0
@ 1514	152	42/37	24				or not, tr silt, tr clay		1615. Collect dup.				
2/9/01									BP-VPB-46-152153				
1020	160					BRN	fine-med sand some	SP		0	0	0	0
							pea gravel						
1030	170					BRN	same as above	SP		0	0	0	0
1037	180					BRN	Same as above w/	SP		0	0	0	0
							clay						
1045	190					BRN	med-coarse sand w/	SP		0	0	0	0
							clay						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): c

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2/9-12/01
GEOLOGIST: S. NEIL
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS* SM	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-4 @ 1115	200 / 202	31 / 56 / 100 / 6	15 / 18			BRN	v. fine silty sand	SM	HP-4 collected @ 1200. BP-VPB-46-202203	0	0	0	0
1210	210					BRN	fine-med sand trace clay	SP		0	0	0	0
S-5 @ 1222	220 / 222	22 / 33 / 65 / 62	20 / 24			VAR	silty fine sand, trace clay, red mot, trace lignite bands	SM	HP-5 collected on 2/12/01 @ 1154. BP-VPB-46-220221	0	0	0	0
1205	230					BRN	fine sand w/ gravel, trace clay	SW		0	0	0	0
S-6 @ 1230	240 / 242	32 / 100 / over / 5	7 / 11			BRN/ GRAY	silty fine sand, trace clay	SM	HP-6 collected @ 1316. BP-VPB-46-241242	0	0	0	0

2/12/01

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 46
DATE: 2/12/01
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	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1326	250					BRN	fine - med sand	SW		0	0	0	0
S-7	260	31/53	17			BRN	silty fine sand OR MOT	SM	NO HP collected at	0	0	0	0
C 1345	262	63/89	24			GRY	clayey/silty fine sand	SC	this location. 1st				
									attempt yielded				
									no sample; no 2nd				
									attempt made.				
1501	270					BRN	silty sand fr gravel	SM		0	0	0	0
							some lignite frags						
S-8	280	61/100	8			BRN	fine sand, trace silt	SW	HP-7 collected @	0	0	0	0
C 1517	282	over/4	10				trace lignite		1621.				
									BP-VPB-46-281282				
1621	290					BRN	same as above	SW		0	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2/12-13/01
GEOLOGIST: S. Neil
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-9 @ 1645	300	46 / 100	7			Gray	fine sand w/ silt	SM	No sample on 1st attempt at HP.	0	0	0	0
	302	over / 2	8						HP-8 collected @				
2/13/01									1042 on 2/13/01.				
									BP-VPB-46-301302				
1054	310					Brn	clayey sand	SC		0	0	0	0
S-10 @ 1115	320	33 / 100	19			Gray	v. dense clay	CL	No HP attempted	0	0	0	0
	322	70 / 81	24						at this interval				
									due to formation.				
1135	330					Gray Brn	Clay and sand	ML		0	0	0	0
S-11 @ 1205	340	71 / 100	5			Gray	Upper 3 inches - v. dense	CL	HP-9 collected @	0	0	0	0
	342	over / 5	11				clay; bottom 2 inches -	SM	1325.				
							fine sand (silty).		BP-VPB-46-341342				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: Clay drilling from ≈ 319 - 340' per drilling.

Drilling Area Background (ppm): 0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 46
DATE: 2/13-14/01
GEOLOGIST: S. NEIL
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1338	350					GRAY	fine sand trace clay	SW		0	0	0	0
S-12	360	70/100	11			GRAY	fine sand w/ silt	SM	HP-10 collected	0	0	0	0
@ 1357	362	over/5	11						@ 1500.				
									BP-VPB-46-361 362				
									Collect soil for TOC				
									BP-VPB-46-360361				
1506	370					GRAY	fine sand	SW		0	0	0	0
S-13	380	32/100	4			GRAY	v. fine sand	SW	No recovery in 1st	0	0	0	0
@ 1525	382	over/3	9						HP attempt.				
									HP-11 collected on				
									2nd attempt @ 1725.				
									BP-VPB-46-381382				
1551	390					GRAY	sandy clay	CL		*	*	*	*

2/14/01

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * PID functioning erratically (probably due to moisture).

Drilling Area Background (ppm): 2.4

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2/14/01
GEOLOGIST: S Neil
DRILLER: J. Evans

Sample No and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-14	400	19/45	21			Gray	upper 17 inches. clay/silty	CL	Collect TOC sample.	5.8	0	0	0
@ 0928	402	59/100/3	21				sandy clay; Bottom 4 inches	SM	BP-VPB-46-~~300302~~ 400402 (SW)				
							silty fine sand some		HP-12 collected @ 1030 (SWH)				
							lignite bands.		1030. BP-VPB-46-402403				
1042	410					Gray	silty clay w/ sand	CL		0	0	0	0
							some lignite frags						
S-15	420	15/61	16			Gray	silty clay w/ interbedded	CL	Collect HP-13 @	*	*	*	*
@ 1108	422	100/5	17				lignite bands, trace fine		1225.				
							sand		BP-VPB-46-422423				
1251	430					Gray	clayey sand some	SC		0	0	0	0
							lignite frags.						
S-16	440	65/100	6			Gray	upper 2 inches. silty clay	CL	HP-14 collected @	0	0	0	0
@ 1259	442	0/100/3	9			Gray	bottom 4 inches silty sand	SM	1410.				
									BP-VPB-46-441442				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read

Remarks: * PID very erratic - possibly due to high humidity.

Drilling Area Background (ppm) 2.5

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 46
DATE: 2/14-15/01
GEOLOGIST: S. NEIL
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
1418	450					olive gray	silty clay	CL		*	*	*	*
S-17	460	69/100	8			olive gray	silty clay trace	CL	HP-15 collected @	*	*	*	*
C 1505	462	cont/5	11				fine sand		1630.				
2/15/01									PR-VPB-46-461462				
1006	470					olive gray	silty clay some fine	CL		0	0	0	0
							sand						
S-18	480	33/75	5			olive gray	silty fine sand	SM	Insufficient volume on 1st HP attempt.	0.5	0	0	0
C 1030	482	100/2	14				trace clay		No recovery in 2nd attempt w/ HP.				
S-19	490	30/100	4			olive gray	silty fine sand	SM	HP-16 collected @	0	0	0	0
C 1344	492	cont/4	10				trace clay		1458.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * PID acting erratically (probably due to moisture - light mist)

Drilling Area Background (ppm): *

Converted to Well: Yes _____ No * Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2/15
GEOLOGIST: S. Nyle
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-20	500	30 / 80	6			Gray	fine sand some silt	SM	First attempt at HP unsuccessful,	0	0	0	0
@ 1522	502	100 / 5	17				some lignite bands		HP-17 collected on 2nd attempt @ 1756.				
2/16/01									BP-VPB-46-502503				
0910	510					Gray	fine sand	SW		0	0	0	0
S-21	520	35 / 100	4			Brn / Gray	fine sand trace	SW	HP-18 collected	0	0	0	0
@ 0930	522	100 / 4	10				lignite frags		@ 1045.				
									BP-VPB-46-521522				
1054	530					Gray	fine sand some silt	SW		0	0	0	0
S-22	540	33 / 51	5			Brn / Gray	fine sand some silt	SM	No sample in first HP attempt -	0	0	0	0
@ 1116	542	100 / 4	16				trace lignite frags		HP did not open all of the way -				
2-19-01									will make 2nd attempt on 2/19/01				
									HP-19 collected @ 1320				
									VPB-46-541542				
1332	550						fine sand some silt trace lignite frags			0	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm):

Converted to Well: Yes ____ No X Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2-19-01 / 2-20-01
GEOLOGIST: Vince Shichora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
	550						—						
5.23	560					GRY	very fine Sandy - Silt	SM	HP-20 collected @ 1505	0	0	0	0
@ 1540	561	45/50	4/				with Trace of lignite Frags		VPB-46-561562				
	562	100/5	13										
	570						—						
5.24	580						Silty Sand (fine Grain)	SM	No sample in first HP attempt	0	0	0	0
@ 1540	581	30/40	7/				with Trace of lignite Frags		HP-21 collected @ 1025 hours				
	582	100/5	13						VPB-46-581582				
	590												
	600						(see next page)						

2-19-01

2-20-01 ↓

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2-20-01 / 2-22-01
GEOLOGIST: Vince Shickora
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S 25	600					Lt. GRY	Fine grain Sand with		HP-22 collected @ 1220 hours	0	0	0	0
@ 1055	601	41 / 100	5" /			BRN	Trace Silt and lignite frags		VPB 46-601602				
	602	/ 6	12"										
	610						Driller indicates likely Sand - Silt drilling at this depth						
S-26 @	620					BRN	Fine grain Sand		HP-23 collected at 1415 hours	0	0	0	0
1254	621	50 / 100	6" /			GRY	with Trace Silt		VPB-46-621622				
	622	/ 6	12"										
	625						Lost all mud to formation at 625'						
2-22-01							(Borehole collapsed 240' to 620 feet)						
↓	1440 630												
							Driller indicates likely Silt - Sand drilling at This depth						
S-27	640					GRY	Fine grain Sand with		HP-24 collected @ 1625 hours				
@ 1515	641	21 / 21	4" /			BRN	rounded gravel size quartz (Trace lignite) frags		VPB-46-641642	0	0	0	0
	642	35 / 47	24"										
2-23-01													
↓													
	650												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Borehole collapsed at 625' on 2-20-01 - Rods were removed From Borehole - Borehole was redrilled on 2-21-01 and 2-22-01 Reached original depth of 620 feet at 1430 on 2-22-01 and continued Drilling / Sampling

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2-23-01 / 2-26-01
GEOLOGIST: Vince Shickora
DRILLER: ~~J. Evans~~ Dave Conover

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
		650						Driller indicates likely sand drilling at this depth						
	S-28 @ 1200	660					GRY	Fine grain Sand with		HP-25 collected @ 1310 hours				
↑		661	31/100	4"/			BRN	rounded quartz pebbles		VPB-46-661662	0	0	0	0
02-23-01		662	3	9"										
2-26-01														
↓	S-29 @ 1355	670					GRY	Silty fine grain Sand and		HP-26 collected @ 1515 hours	0	0	0	0
		671	32/100	3"/			BRN	rounded quartz pebbles		VPB-46-671672				
		672	4	10"										
	S-30 @	680					int.	Slightly silty coarse-med		No Sample recovery in first Hydropunch	0	0	0	0
	1550	681	43/100	2"/			GRY	Sand and fine gravel		attempt				
		682	2	8"				(Fine Silty clay seen on HP screen)		No Second attempt on HP				
2-27-01														
↓	S-31 @	690					GRY	Silty Clay and Gravel		HP-27 collected @ 1110 hours	0	0	0	0
	0940	691	53/100	3"/			int.			VPB-46-692693				
		692	4	10"				possible clay layer at						
								694' to 697' based						
								on drilling						
		700												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ____ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2-27-01 / 2-28-01
GEOLOGIST: Vince Shickora
DRILLER: ~~J. Evans~~ Dave Conover

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
S-32 @	700					GRY	Silty Clay and Med		HP-28 collected @ 1305 hours	0	0	0	0
1140	701	50/100	3"/			wht.	Gravel (Trace Sand)		VPB-46-702703				
	702	3	9"										
							Driller indicates likely						
	710						Sand/gravel drilling at this interval						
							possible clay layer at						
							716' to 717' based on drilling						
S-33 @	720					Gray				0	0	0	0
1500	721	58/100	3"/			wht.	clayey course Sand		No recovery in first HP attempt				
	722	2	8"				and Gravel		HP-29 collected @ 1225 hours				
2-28-01									VPB-46-722723				
	730						Driller indicates likely						
							Sand/gravel drilling at						
							This interval						
S-34 @	740					GRY	Silty clay and		HP-30 collected @ 1450 hours	0	0	0	0
1325	741	81/100	5"/			wht.	Medium Gravel		VPB-46-741742				
	742	2	8"										
							Driller indicates likely						
	750						Sand/Gravel Drilling						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ____ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB-46
DATE: 2-28-01 / 3-01-01 / 3/8/01
GEOLOGIST: Vince Shickora / Singil
DRILLER: ~~J. Evans~~ Dave Conover / J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	750						Sand/Gravel Based on						
							Drilling						
S-35 @	760					GRY	Fine grain sand with		HP-31 Collected at 1715 hours	0	0	0	0
1605	761	41/100	8"				Trace silt/clay		VPB-46-762763				
	762	4	10"										
3-01-01 ↓													
	770						Sand/Gravel based						
							on drilling						
S-36 @	780	80/100	7			Brn/Gray	Clay, some gravel		*Drill Rig broke down at 0945 hours	0	0	0	0
3/8/01 ~~3-5-01~~ SN ↓ 1450	782	over 2	8				in top 3"; sandy clay	CL	HP-32 collected @				
							and sand		1600. Also collected				
									duplicate.				
	788						Clay based on						
	790						drilling	CL					
							↓						
	800												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Drill Rig Broke down on 3-1-01 at 0945 hours. All Rods were removed from borehole.

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N0565
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 46
DATE: 3/8/01
GEOLOGIST: S. Nyle
DRILLER: J. Evans

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-37 @	800	67/100	10			Gray	silty clay, trace	CL		0	0	0	0
1635	802	avg 4	10				fine sand						
	810						clay based on	CL					
							drilling						
							↓						
S-38 @	820	64/100	1			Gray	silty clay / clay	CL		0	0	0	0
1715	822	avg 3	9										
					END OF BOREHOLE @ 820 FEET								

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: End of boring at 820 feet.

Drilling Area Background (ppm):

Converted to Well: Yes ____ No X Well I.D. #: ____

AQUA TERRA GEOPHYSICS INC
16 STATION ROAD - SUITE # 8
BELLPORT, NEW YORK 11713
631.286.7699

BOREHOLE ID: VPB - 46

TYPE OF LOG: NATURAL GAMMA

CUSTOMER UNITECH DRILLING
PROJECT NWIRP BETHPAGE
TOWN BETHPAGE
COUNTY NASSAU STATE NEW YORK

LOCATION	OTHER SERVICES
MILLER PLACE & EMERALD LANE	SPR - SP

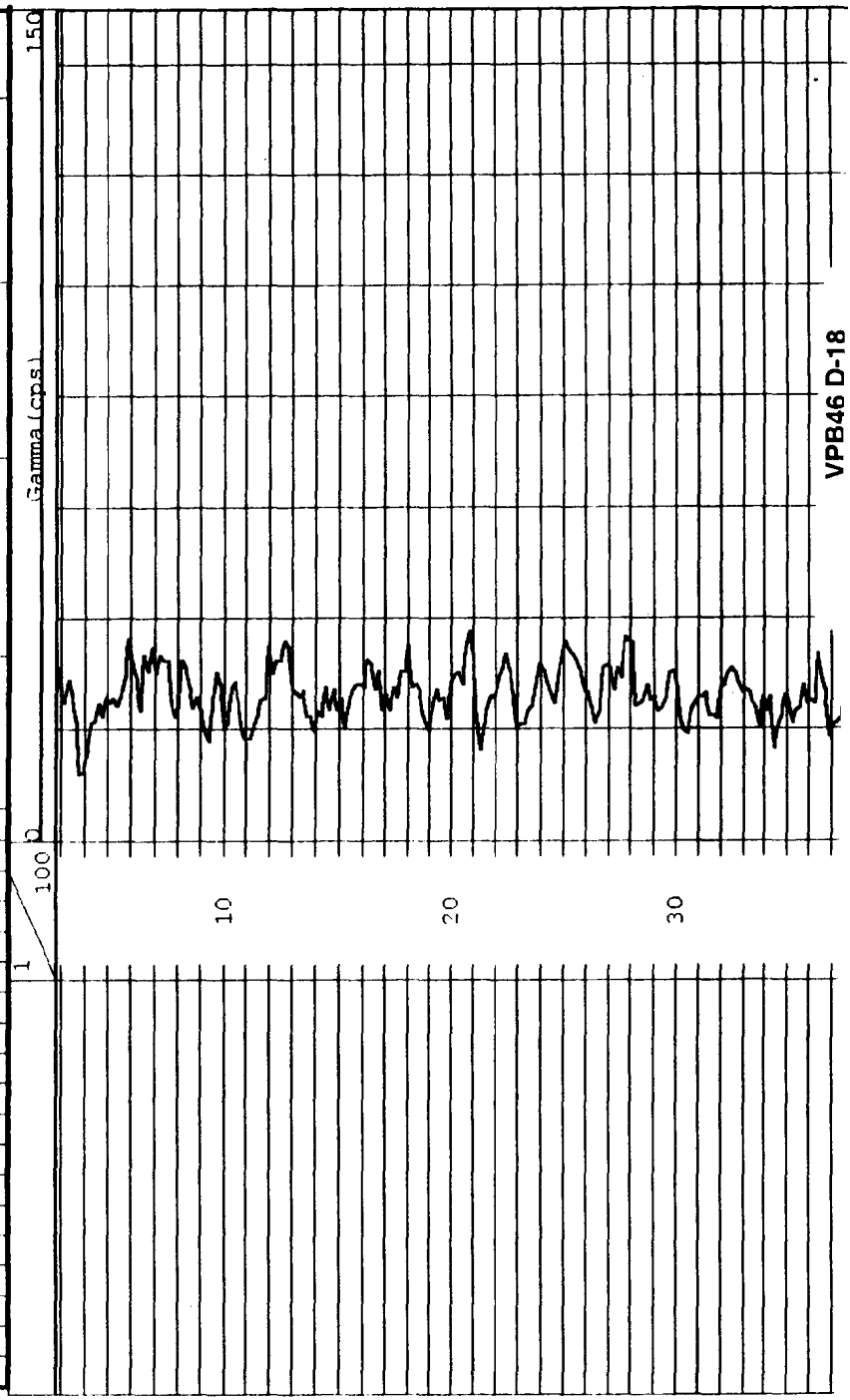
DEPTH REFERENCE GRADE ELEVATION

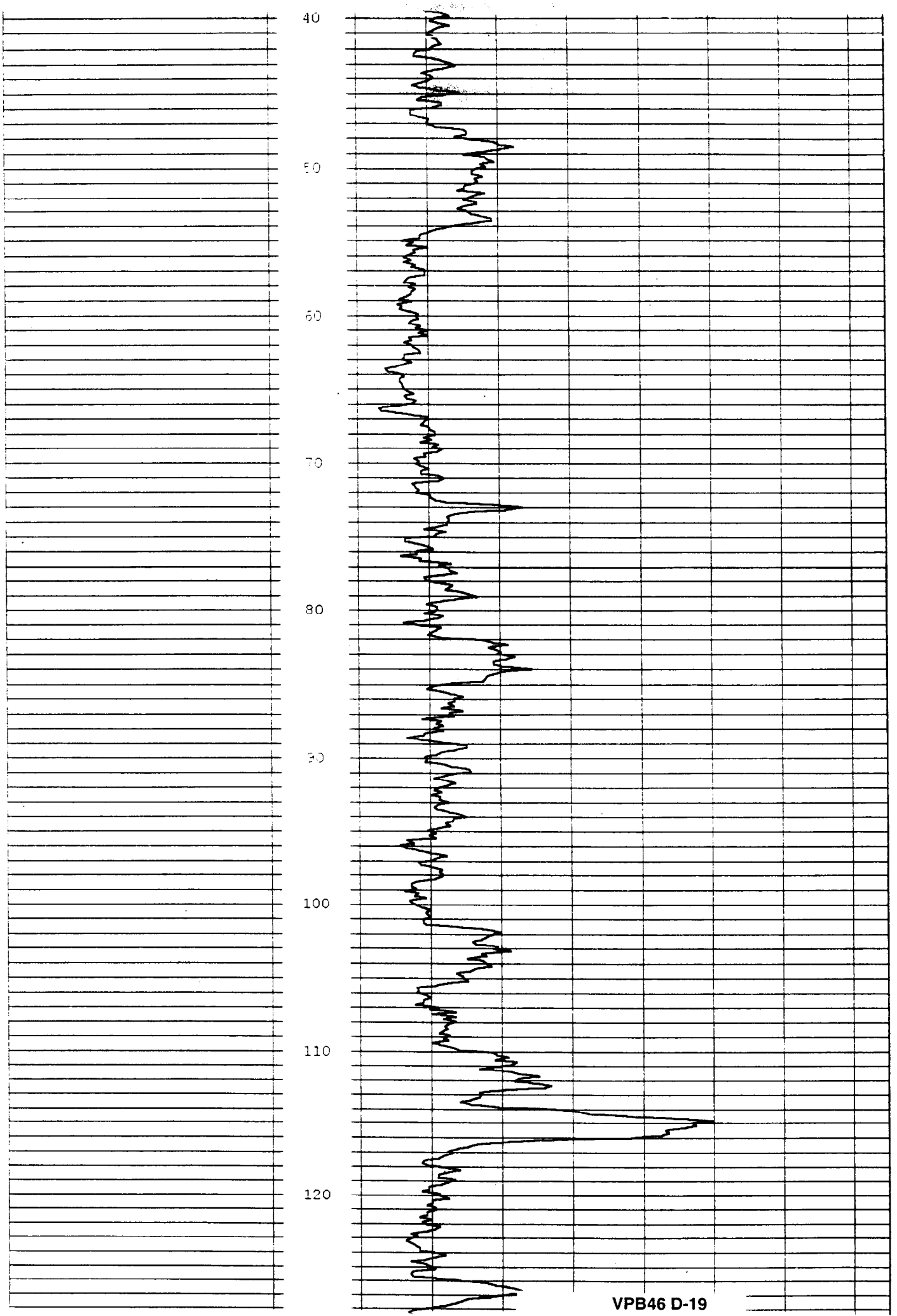
LOGGING UNIT MOUNT SOPRIS MGX II TRUCK 1998 SUBURBAN

DRILLING MEAS FROM GRADE

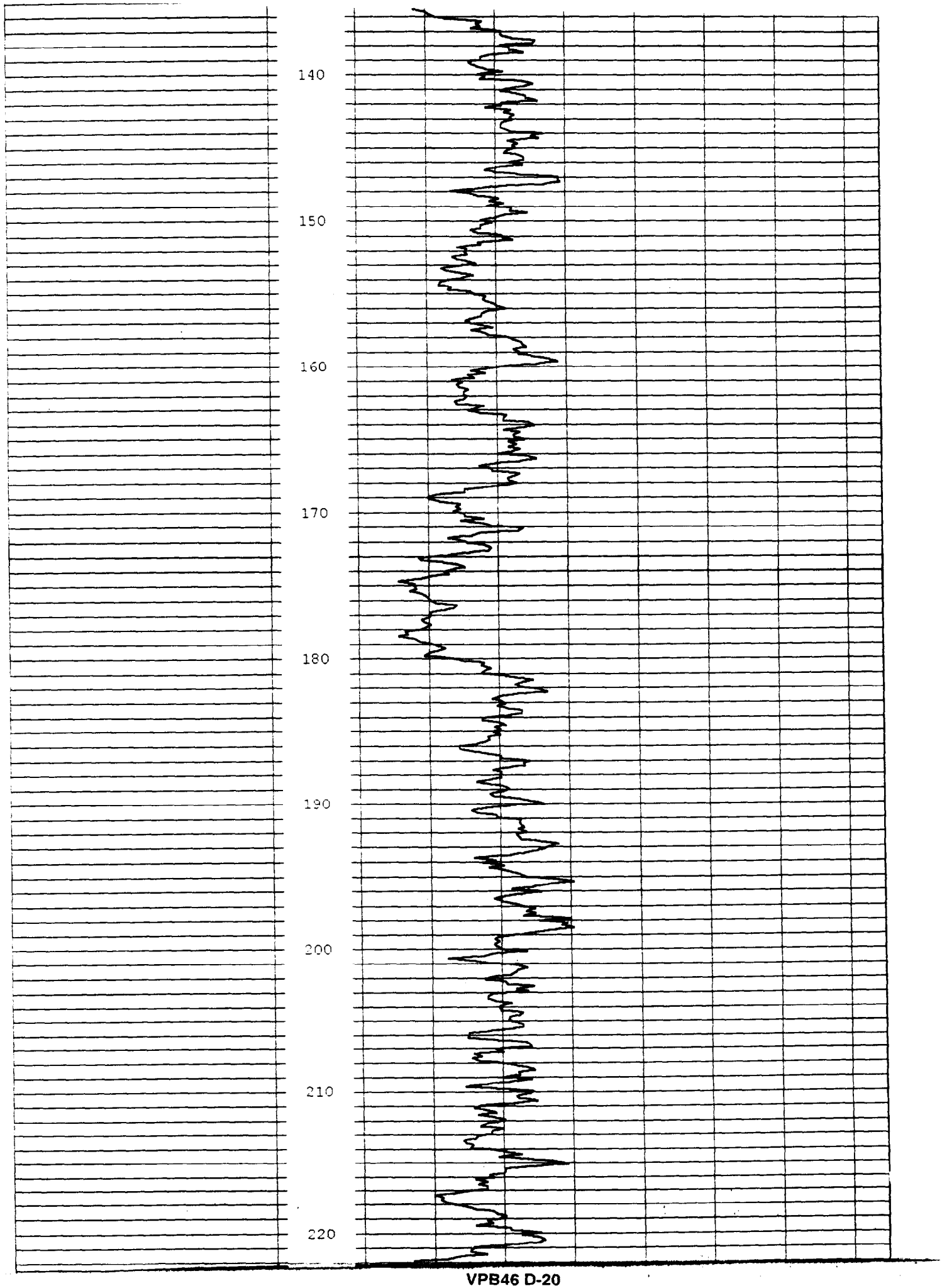
DATE	MARCH 9, 2001	TYPE FLUID IN HOLE	BENTONITE
		SALINITY	
		DENSITY	
DEPTH-DRILLER	820 FEET	LEVEL	0 FEET
DEPTH-LOGGER	817 FEET	MAX. REC. TEMP.	
BTM LOGGED INTERVAL			
TOP LOGGED INTERVAL			
OPERATING RIG TIME	1.5 HRS.		
RECORDED BY	BENJAMIN A. RICE		
WITNESSED BY	SCOTT NEIL		

RUN	BOREHOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				6 INCH	PVC	GRADE	150 FEET

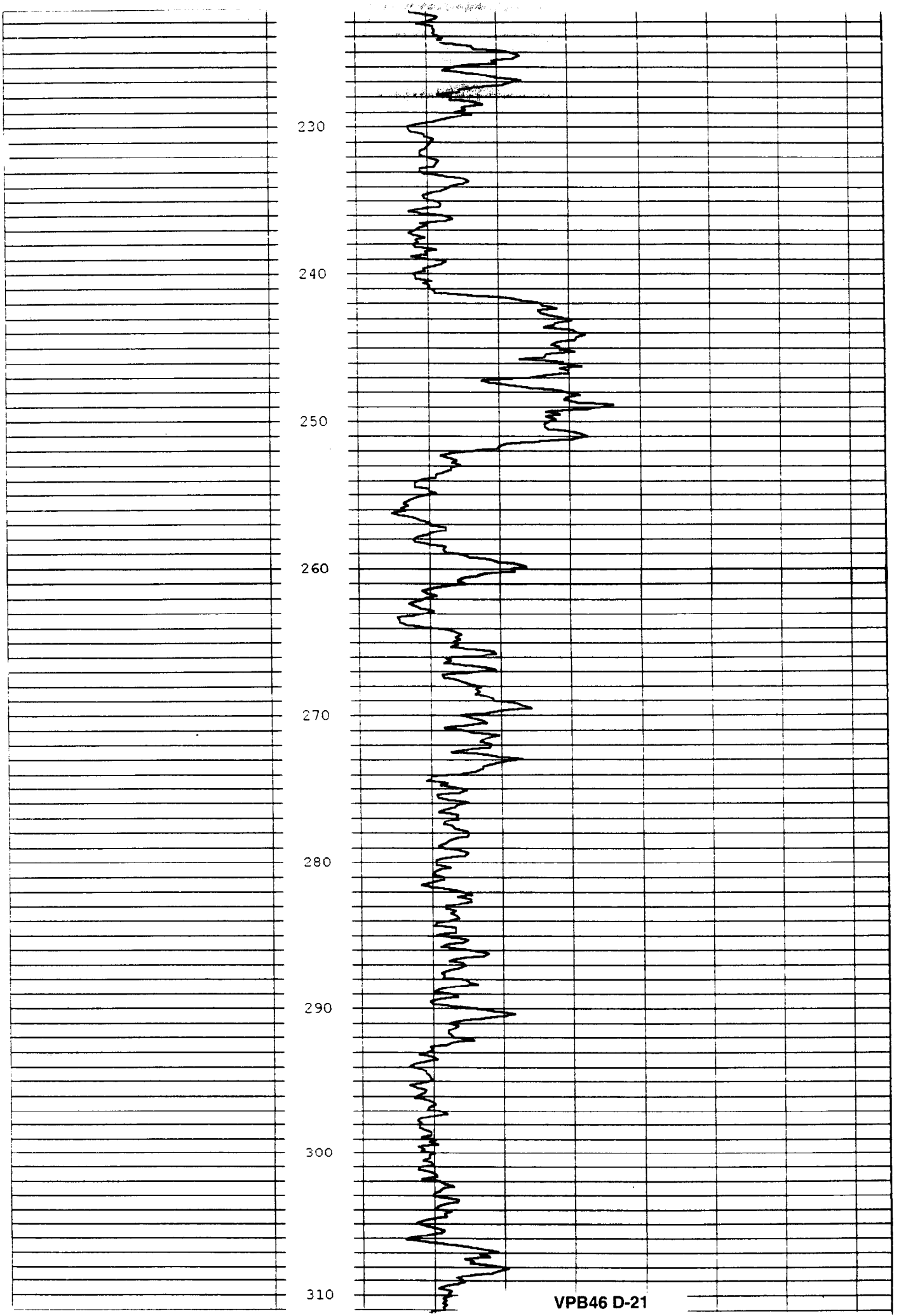




VPB46 D-19



VPB46 D-20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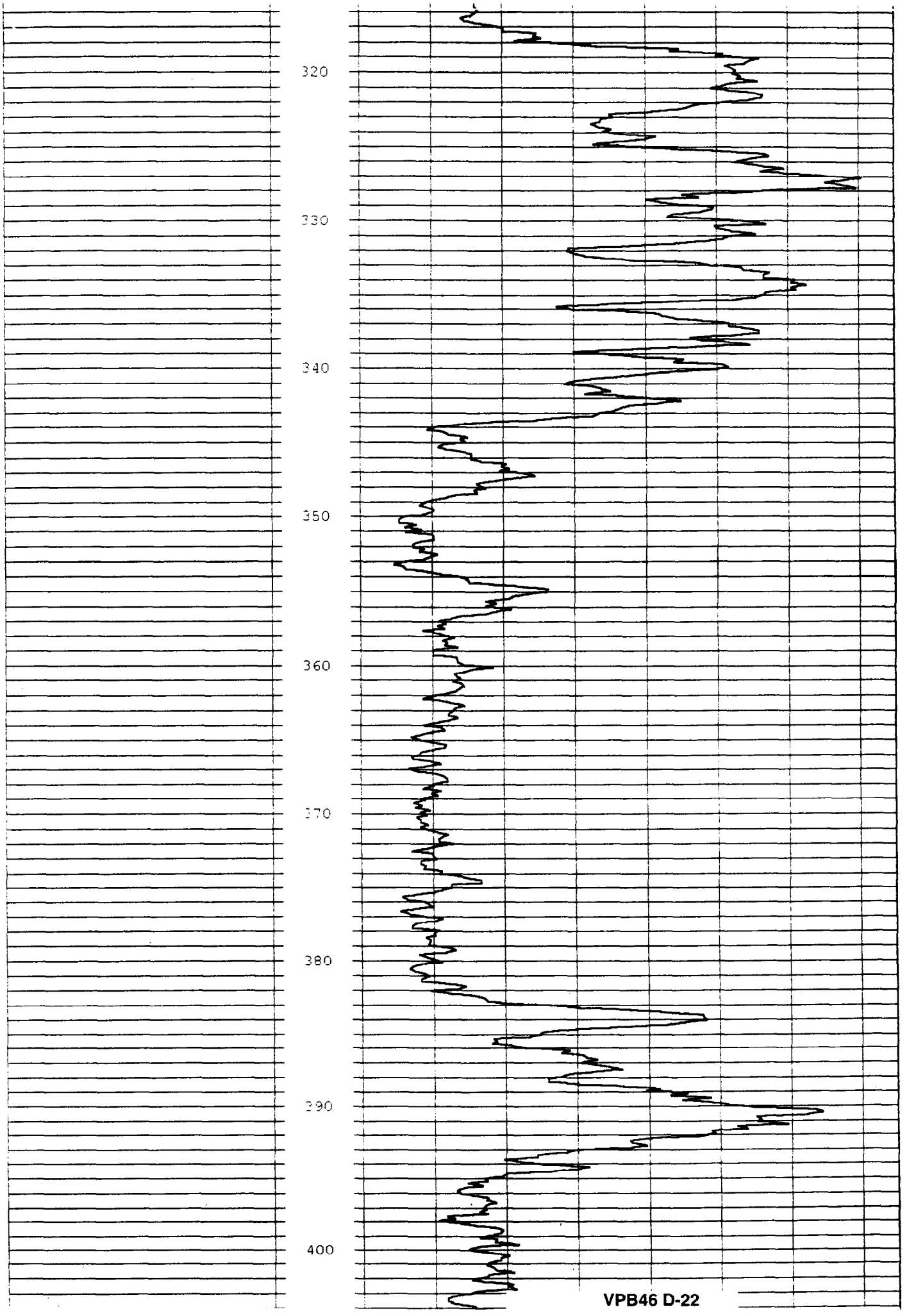
VPB46 D-21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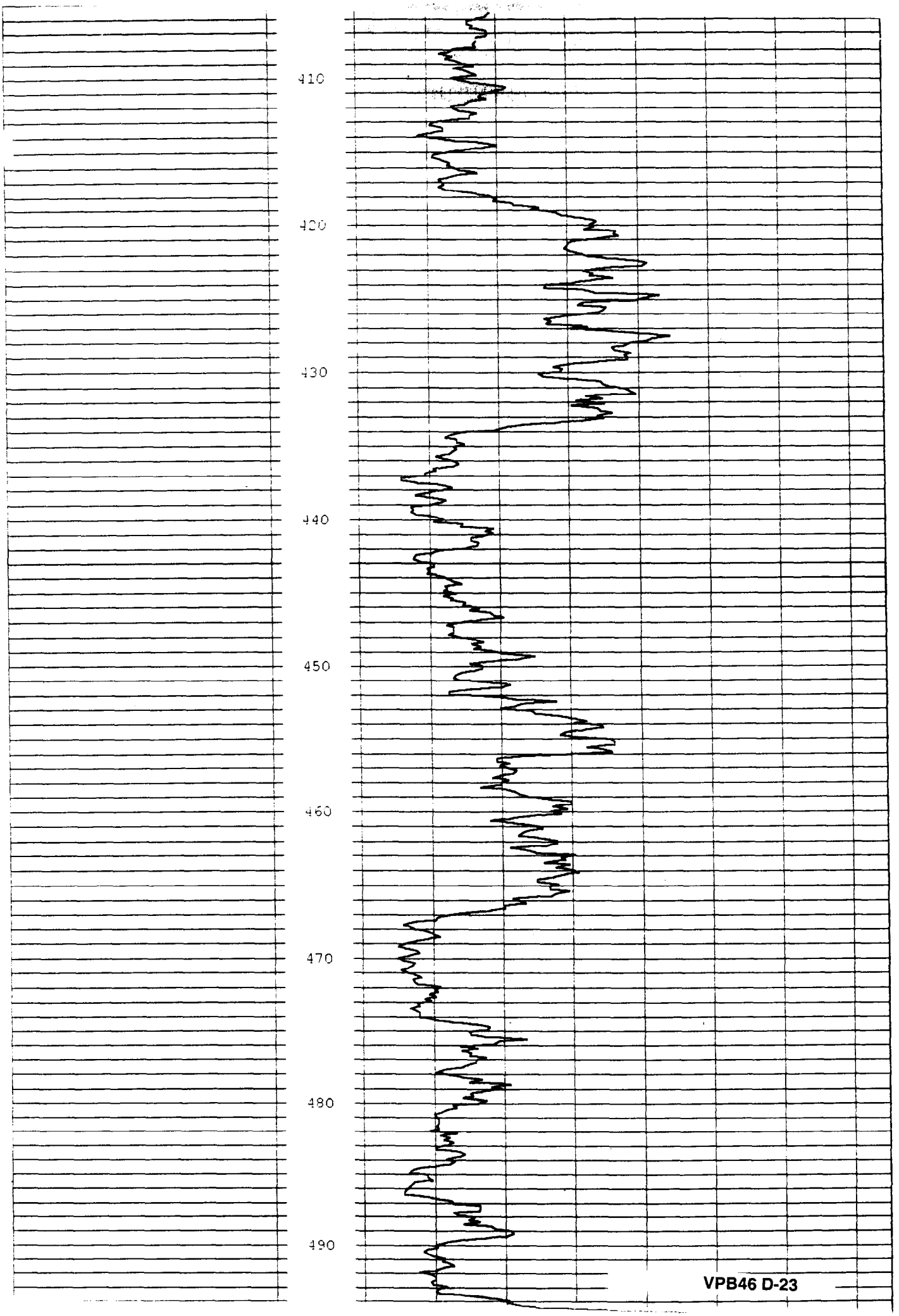
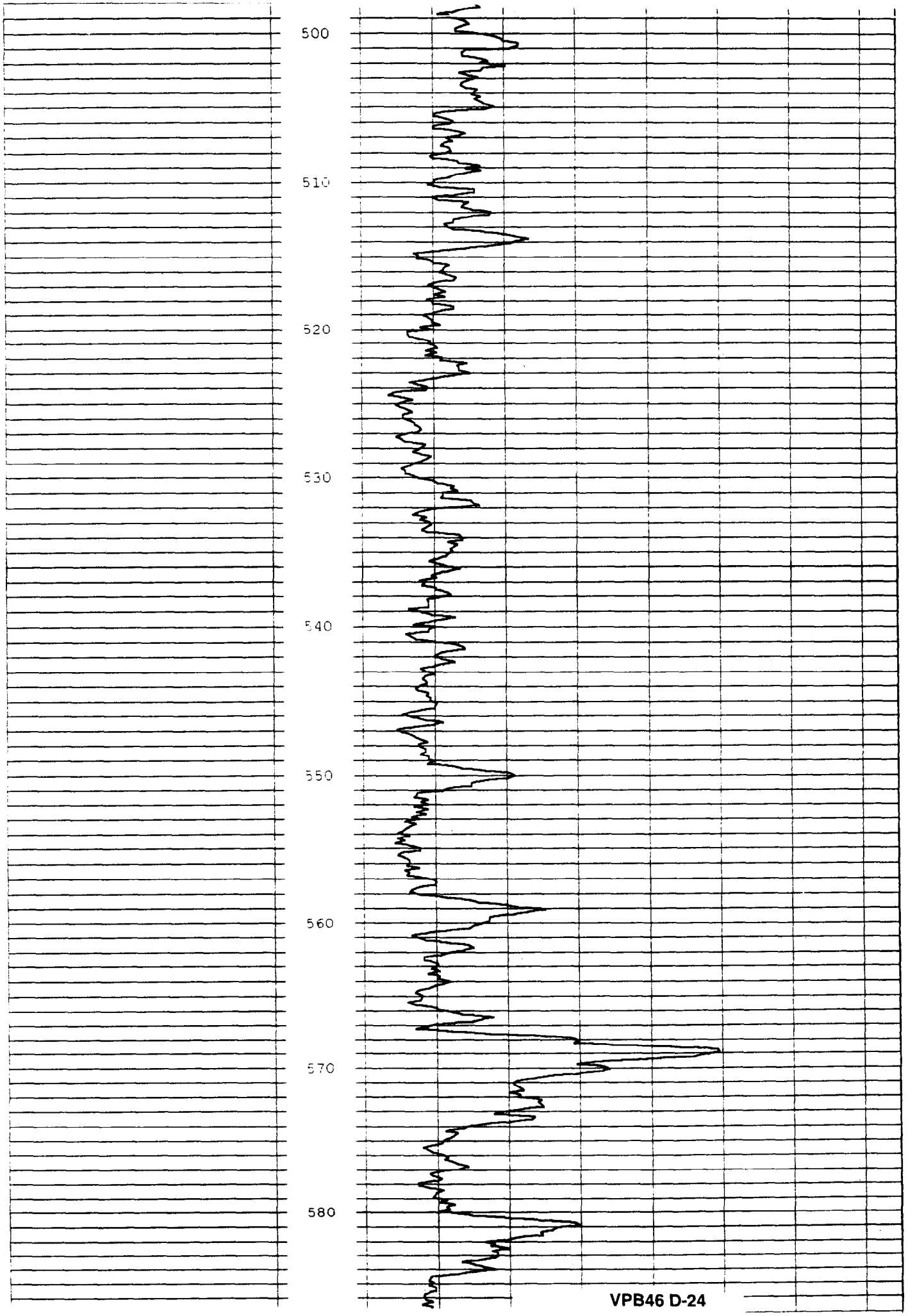
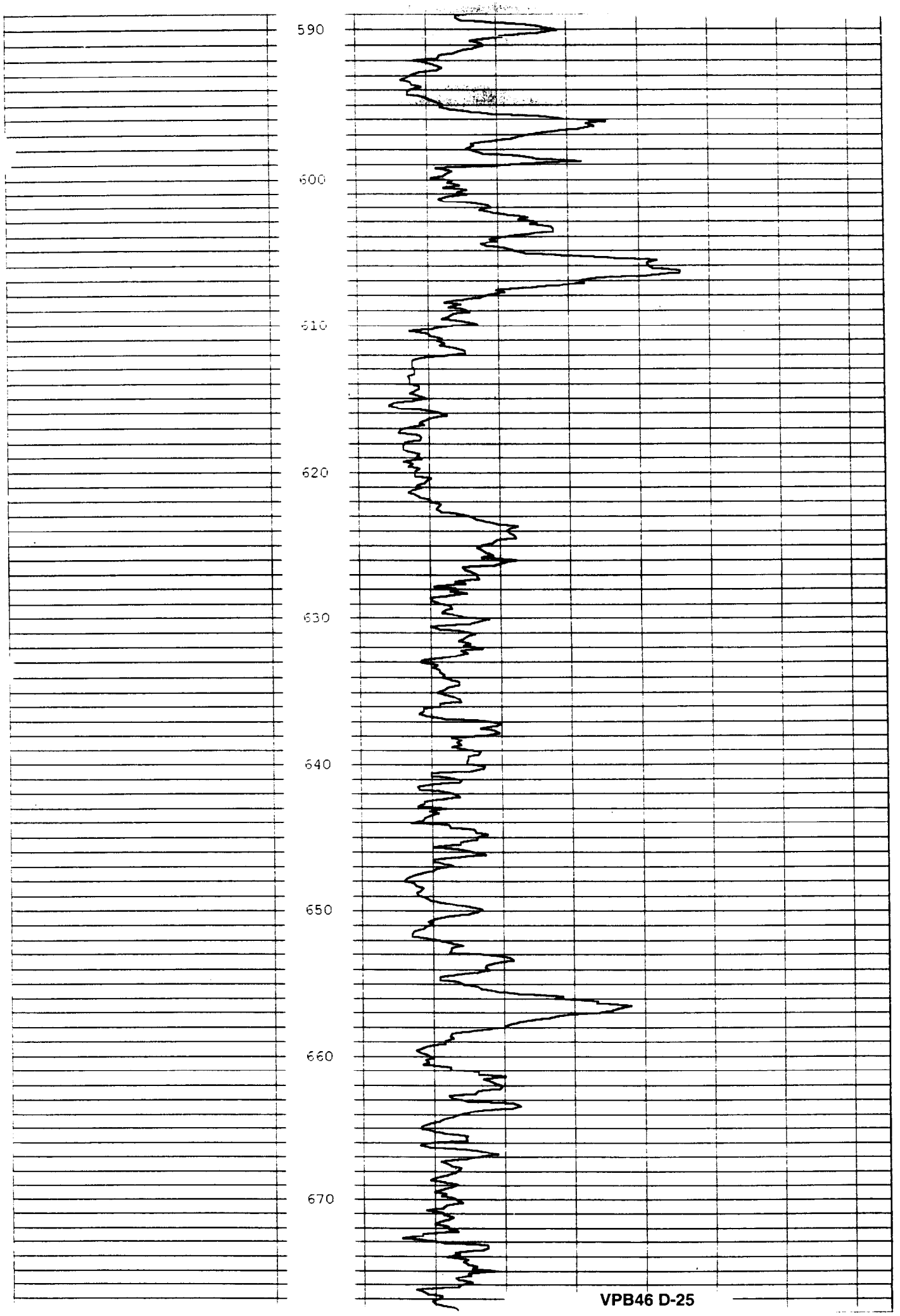
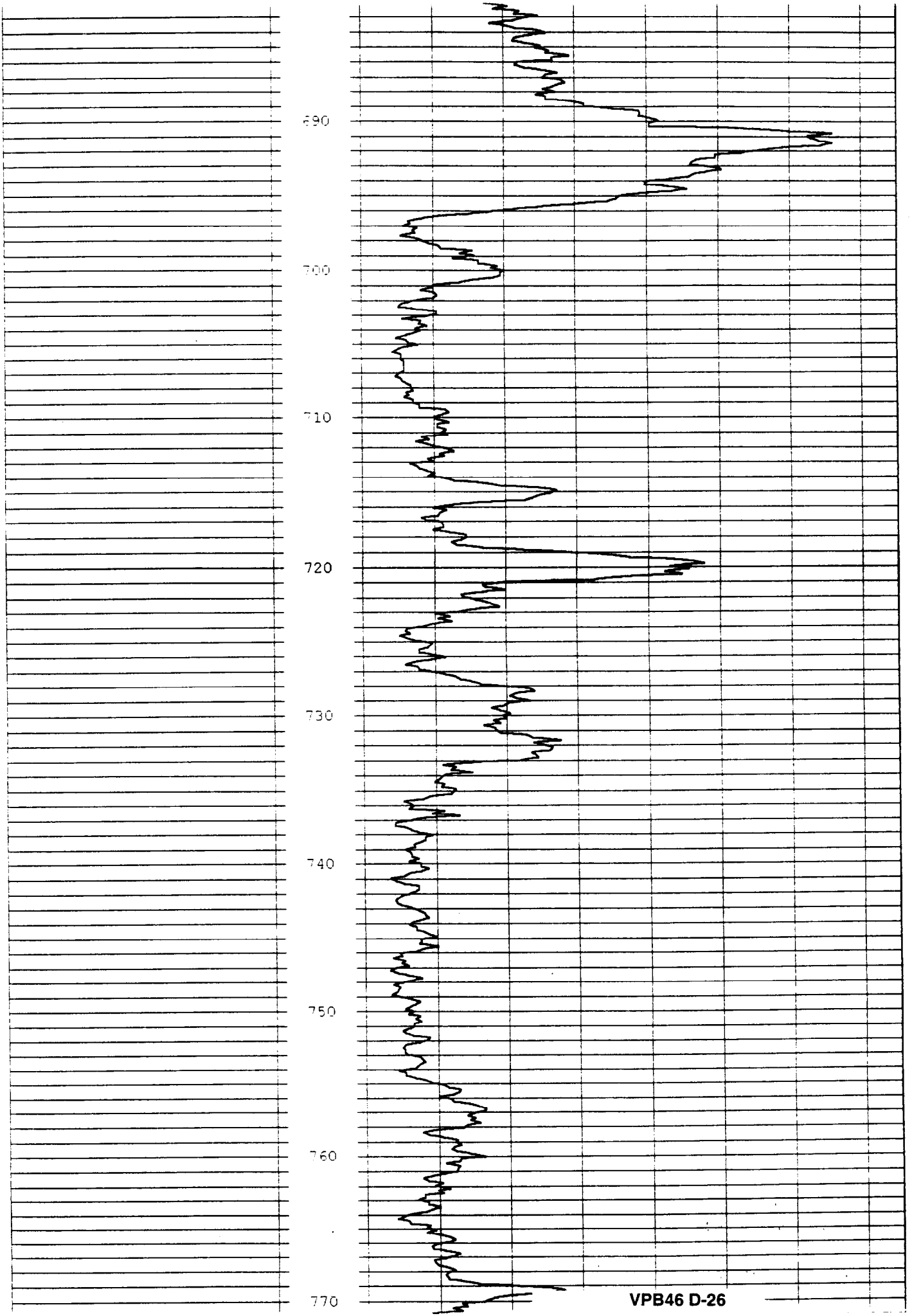
400
VPB46 D-22

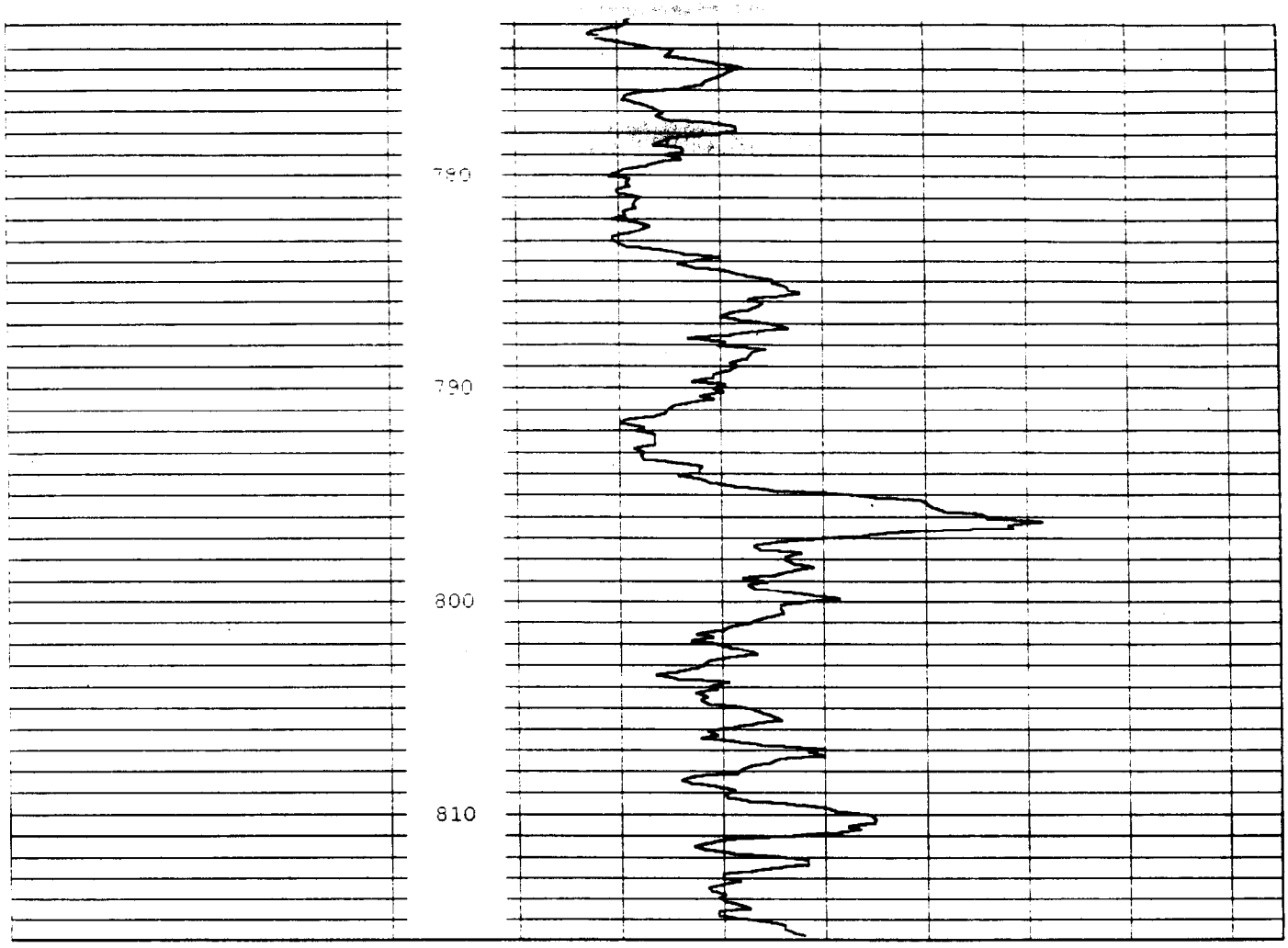

410
420
430
440
450
460
470
480
490
VPB46 D-23


500
510
520
530
540
550
560
570
580
VPB46 D-24



VPB46 D-25


690
700
710
720
730
740
750
760
770
VPB46 D-26


780
790
800
810

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-5253
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-020901
Type of Sample:
[x] Low Concentration
[] High Concentration

*** SAMPLING DATA:**

Date: 2/7/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1622	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brn	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1548

Sample depth (screened interval) = 52 - 53'

Screen exposed to formation for 30 minutes.

Depth of borehole prior to advancing hydropunch = 50'

* Insufficient sample volume for fluid parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-101102
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-020901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Date: 2/8/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1419								
Method: Hydropunch	BCN	—	--	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(1) ~~(2)~~ 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1320

Sample depth (screened interval) = 101-102'

Screen exposed to formation for 55 minutes.

Depth of borehole prior to advancing hydropunch = 100'

* Insufficient volume to analyze field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-152153
Sample Location: VPB-46
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-020901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/9/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1615	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BRN	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials (x 2)	✓
		EXTRA VOLUME FOR DUPLICATE	

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 152'.

Sample depth (screened interval) = 152 - 153'

Screen exposed to formation for 40 minutes.

Depth of borehole prior to advancing hydropunch = 150'

* Insufficient volume to analyze field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB-46-DUP1

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-202203
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-020901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/9/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1200	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BRN	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1123

Sample depth (screened interval) = 202 - 203'

Screen exposed to formation for 32 minutes.

Depth of borehole prior to advancing hydropunch = 200'.

* Insufficient volume to analyze field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-220-221
Sample Location: VPB-46
Sampled By: S. NGIL
C.O.C. No.: BP-VPB-021401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/12/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1154	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BRN	5.10	.423	9.0	NA	11.69	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1100.

Sample depth (screened interval) = 220-221'

Screen exposed to formation for 50 minutes.

Depth of borehole prior to advancing hydropunch = 220'

Circle If Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott L. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-241242
Sample Location: VPB-46
Sampled By: S. NGIL
C.O.C. No.: BP-VPB-021401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/12/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1316	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DRN	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1229.

Sample depth (screened interval) = 241-242'

Screen exposed to formation for 43 minutes.

Depth of borehole prior to advancing hydropunch = 240'

* Insufficient volume to run field parameters

** Enough volume for one vial only.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-281282
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-011401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 11/14/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1621	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	brn	5.41	.375	3.6	>999	1.01	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1527.

Sample depth (screened interval) = 281-282'

Screen exposed to formation for 47 minutes.

Depth of borehole prior to advancing hydropunch = 280'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-301302
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-021401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/13/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1042	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Cloudy	—	—	—	—	—	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0952

Sample depth (screened interval) = 301 - 302'

Screen exposed to formation for 45 minutes.

Depth of borehole prior to advancing hydropunch = 300'

* Insufficient volume to analyze field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-341342
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-021401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Date: 2/13/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1325								
Method: Hydropunch	GRAY	5.11	.156	12.6	>999	1.10	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1217.

Sample depth (screened interval) = 341-342'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 340'

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB- 46- 361362
Sample Location: VPB- 46
Sampled By: S. NEIL
C.O.C. No.: 61-VPB-021401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Date: 2/13/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1500								
Method: Hydropunch	cloudy	5.79	.459	12.9	>999	0.89	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1405

Sample depth (screened interval) = 361-362'

Screen exposed to formation for 50 minutes.

Depth of borehole prior to advancing hydropunch = 360'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott A. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-381382
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-021401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/13/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1725	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Cloudy	5.93	.401	11.5	>999	.85	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1640

Sample depth (screened interval) = 381 - 382'

Screen exposed to formation for 50 minutes.

Depth of borehole prior to advancing hydropunch = 380'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-402403
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-021401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/14/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1030	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Cloudy	5.52	.603	10.4	>999	1.48	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0936

Sample depth (screened interval) = 402 - 403'

Screen exposed to formation for 50 minutes.

Depth of borehole prior to advancing hydropunch = 400'

* Possible cross-contamination w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-422-423 (SP)
Sample Location: VPB-46
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-021601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 2/14/01								
Time: 1225								
Method: Hydropunch	LT GRAY	5.52	.130	10.4	764	1.60	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials x 2 (for duplicate)	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1115

Sample depth (screened interval) = 422 - 423'

Screen exposed to formation for 45 minutes.

Depth of borehole prior to advancing hydropunch = 420'

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	BP-VPB-DUP2	Scott L. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-~~VPB~~ DM440
Sample Location: VPB-46
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-021601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/14/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1240	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DARK GRAY	5.67	.636	10.7	>999	5.96	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at
Sample depth (screened interval) =
Screen exposed to formation for minutes.
Depth of borehole prior to advancing hydropunch =

NA

DRILLING MUD SAMPLE

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-441442
Sample Location: VPB-46
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-021601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA: *

Date: 2/14/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1410	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Dark Gray	—	—	—	—	—	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1305

Sample depth (screened interval) = 441 - 442'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 440'

* Insufficient volume to run field parameters; possible drilling mud cross-contamination.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-461462
Sample Location: VPB-46
Sampled By: S. Neil
C.O C. No.: BP-VPB-021601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA: *

Date: 2/14/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1630	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Dk Gray	—	—	—	—	—	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	~~(2)~~ 40 mL Glass Vials	1 **

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1520

Sample depth (screened interval) = 461-462'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 460'

* Insufficient volume to run field parameters.
** One vial due to insufficient volume.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-491-492
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-021601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/15/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1458	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DRK GRY	5.66	.341	11.2	>999	0.98	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1350.

Sample depth (screened interval) = 491 - 492'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 490'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-502503
Sample Location: VPB-46
Sampled By: S. Neil
C.O.C. No.: BP-VPB-46-011601 (SN)
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA: *

Date: 7/15/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1756	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Dry Gray	—	—	—	—	—	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1649

Sample depth (screened interval) = 502 - 503'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 500'

* Insufficient volume to analyze field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-521522
Sample Location: VPB-46
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-021601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2/16/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1045	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	BRN/GRY	6.11	.509	11.0	>999	0.87	-----	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0942

Sample depth (screened interval) = 521 - 522'

Screen exposed to formation for 50 minutes.

Depth of borehole prior to advancing hydropunch = 520'

* Possible cross contamination w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-541542
Sample Location: VPB-46
Sampled By: Vince Shuckota
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-19-01	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Time: 1320								
Method: Hydropunch	Gray	* —	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 541 feet to 542 feet at 1205 hours

Sample depth (screened interval) = 541' to 542'

Screen exposed to formation for 70 minutes.

Depth of borehole prior to advancing hydropunch = 540 feet

* insufficient volume recovered for collection of field Parameters

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	
—	—	

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-561562
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-19-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time:	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	* —	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1358 hours

Sample depth (screened interval) = 561 feet to 562 feet

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 560 feet

* insufficient volume recovered for collection of field parameters

- Sample appears to be Natural Formation Water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-581582
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-022101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-20-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1025	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Grey	6.51	0.492	11.5	>990	0.42	-----	-----

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0910

Sample depth (screened interval) = 581 feet to 582 feet

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 580 feet

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): CAR

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-601602
Sample Location: VPB-46
Sampled By: Vince Shinkoski
C.O.C. No.: BP-VPB-022401
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	TBD
Date: 2-20-01								
Time: 1220								
Method: Hydropunch	Brown	6.49	0.394	12.1	>990	0.34	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1110 hours

Sample depth (screened interval) = 601' to 602'

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 608 feet

- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-621622
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-022101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-20-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1415	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	6.63	0.383	12.2	840	0.61	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1310 hours

Sample depth (screened interval) = 621' to 622'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 620'

- Sample appears to be Natural Formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [illegible]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-641642
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-022301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-22-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1625	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	*Brown	–	–	–	–	–	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1525

Sample depth (screened interval) = 641' to 642'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 640'

- Sample appears to be Natural formation water

* insufficient volume collected For Field Parameter

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-661662
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-022301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-23-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1310	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	8.01	1.59	13.0	>990	3.85	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1205

Sample depth (screened interval) = 661' to 662'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 660'

** Sample appears to be very similar to Drilling Mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-671672
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-022801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-26-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1515	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	*Gray	–	–	–	–	–	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1410 hours

Sample depth (screened interval) = 671' to 672'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 670'

* Sample appears very similar to drilling mud
- insufficient volume recovered to collect field measurements

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-692693
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP VPB-022801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-27-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1110	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray*	6.73	1.66	11.0	>990	1.25	------	------

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0955 hours

Sample depth (screened interval) = 692' to 693'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 690'

* Sample is same color as drilling mud. May be some mud in sample

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-702703
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP VPB-022801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-27-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1305	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray *	6.87	1.42	11.9	>990	0.52	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1155 hours

Sample depth (screened interval) = 702' to 703'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 700'

* Sample material appears very similar to drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-722723
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-023001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-28-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1225	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Brown*	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1120 hours

Sample depth (screened interval) = 722' to 723'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 720'

* Insufficient volume recovered for field parameters.
- Sample appears to be Natural formation water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-741742
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-023001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-28-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1450	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray *	6.82	1.70	11.1	>990	1.95	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1340

Sample depth (screened interval) = 741' to 742'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 740'

* Sample material appears very similar to drilling mud

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-762763
Sample Location: VPB-46
Sampled By: Vince Shickora
C.O.C. No.: BP-VPB-023001
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 2-28-01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1715	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Tan	6.23	0.157	11.2	840	8.61	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm): 0								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1610

Sample depth (screened interval) = 762' to 763'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 760'

- Sample appears to be Natural formation Water

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-46-781782
Sample Location: VPB-46
Sampled By: S.NSIL
C.O.C. No.: BP-VPB-030901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3/8/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1600	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray/Brn	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	⊗ x 4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1505

Sample depth (screened interval) = 781 - 782'

Screen exposed to formation for 50 minutes.

Depth of borehole prior to advancing hydropunch = 780'

* Insufficient volume to run field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB46-DUP3

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N0565.0200

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB46-DM790
Sample Location: VPB-
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-030901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 3/9/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	TBD
Time: 1615	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GRY/BRN	—	—	—	—	—	—	—

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	TBD	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at NA

DRILLING MUD SAMPLE FROM 790 FEET.

Sample depth (screened interval) = NA

Screen exposed to formation for NA minutes.

Depth of borehole prior to advancing hydropunch = NA

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NWIRP BETHPAGE
Project No.: N0565

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-46-360361
Sample Location: VPB-46
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-021501

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 2/13/01 Time: 1357 Method: SPLIT SPOON Monitor Reading (ppm): 0	360'	GRAY	fine sand w/ silt

COMPOSITE SAMPLE DATA:

Date:	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	4 OZ GLASS JAR	✓	

OBSERVATIONS / NOTES:

MAP:

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NWIRP BETHPAGE
Project No.: N0565

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-46-400402
Sample Location: VPB-46
Sampled By: S. NEIL
C.O.C. No.: BP-VPB-021501

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 2/14/01 Time: 0938 Method: SPLIT SPOON Monitor Reading (ppm): 5.8	400'	GRAY	clay and silty sand to silty fine sand, some lignite sands

COMPOSITE SAMPLE DATA:

Date:	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TOC	4 OZ GLASS JAR	✓	

OBSERVATIONS / N[redacted]

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-46
QA Sample Type:

Sample ID Number: BP-TB020701
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-020901

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 2/7/01
Time: 0750
Method: LAB PREPARED

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name: NA
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-46
QA Sample Type:

Sample ID Number: BP-RB020901
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-020901

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 2/9/01
Time: 1010
Method: DIRECT FILL FROM HYDROPUNCH

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type: GROUNDWATER
Equipment Used: HYDROPUNCH
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s):

Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB - 46
QA Sample Type:

Sample ID Number: BP-TB021201
Sampled By: S. NEIL
C.O.C. Number: BP-VPB - 021401

[X] Trip Blank
[ ] Source Water Blank
[ ] Rinsate Blank
[ ] Other Blank

SAMPLING DATA:

Date: 2/12/01
Time: 0915
Method: LAB - SUPPLIED

WATER SOURCE:

[X] Laboratory Prepared
[ ] Purchased
[ ] Other
[ ] Tap
[ ] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[ ] Dedicated
[ ] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-46
QA Sample Type:

Sample ID Number: BP-RB021301
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-021401

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 2/13/01
Time: 1056
Method: DIRECT FILL FROM HP

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type: GROUND WATER
Equipment Used: HYDROPUNCH
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s):

Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-46
QA Sample Type:

Sample ID Number: BP-TB021401
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-021601

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 2/14/01
Time: 0730
Method: LAB - SUPPLIED

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB - 46
QA Sample Type:

Sample ID Number: BP-TB-021901
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-022101

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank _____

SAMPLING DATA:

Date: 2-16-01
Time: 1021
Method: Lab-Supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other _____
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name: _____
Supplier: _____
Manufacturer: _____
Order Number: _____
Lot Number: _____
Expiration Date: _____

RINSATE INFORMATION (If Applicable):

Media Type: _____
Equipment Used: _____
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-022101
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-022301

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 2-16-01
Time: 1021
Method: Lab-Supplied

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS/NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

Sample ID Number: BP-RB-022301
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-022301

SAMPLING DATA:

Date: 2-23-01
Time: 1325
Method: Direct Grab

WATER SOURCE:

[] Laboratory Prepared
[X] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name: Fisher Scientific DI Water
Supplier: Fisher Chemicals
Manufacturer: Fisher Chemicals
Order Number:
Lot Number: 003421
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used: Hydropunch Sampler
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS/NOTES:

- poured DI water directly through "clean"/deconed Hydropunch Sampler.

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-022601
Sampled By: Vince Shickora
C.O.C. Number: BP-VPB-022801

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 2-22-01
Time: 1632
Method: Lab-prepared

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-022801
Sampled By: Vince Shickora
C.O.C. Number: BP-TPB-023001

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 2-22-01
Time: 1:50
Method: Lab-prepared

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N0565.0200
Sample Location: VPB-46
QA Sample Type:

Sample ID Number: BP-TB030801
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-030901

[x] Trip Blank*
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 3/8/01
Time: 0715
Method: NA

WATER SOURCE:

[x] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS/NOTES:

* Trip blank was prepared by EcoTest Laboratory

Signature(s): Scott Neil

CHAIN OF CUSTODY RECORD

BP-VPB-020901

PROJECT NO.:	SITE NAME:
N0565	NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCS						REMARKS
1	2/7/01	0740		x	BP-TB020701	2	x						LAB SUPPLIED
2	2/7/01	1622		x	BP-VPB-46-5253	2	x						
3	2/8/01	1419		x	BP-VPB-46-10153	1	x						[illegible]
4	2/8/01	1615		x	BP-VPB-46-15153	2	x						
5	2/8/01	1000		x	BP-VPB-46-[illegible]	2	x						DUPLICATE OF BP-VPB 46-15153
6	2/9/01	[illegible]		x	BP-RB020901	2	x						[illegible]
7	2/9/01	1000		x	BP-VPB-46-[illegible]	2	x						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
Scott W. [illegible]	2/9/01 1330	NOVA COURIER			
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:	

VPB46 D-75

Order No. [illegible] (0693)

CHAIN OF CUSTODY RECORD

COC # BP-VPB-021401

PROJECT NO.:	SITE NAME:
N0565	NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott Neil

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCS						REMARKS
1	2/12/01	0915		X	BP-TB021201	2	X						LAB-SUPPLIED TRIP BLANK
2	2/12/01	1154		X	BP-VPB-46-220221	2	X						
3	2/12/01	1316		X	BP-VPB-46-241242	1	X						INSUFFICIENT VOLUME FOR 2 VIALS.
4	2/12/01	1621		X	BP-VPB-46-251252	2	X						
5	2/13/01	1042		X	BP-VPB-46-301302	2	X						
6	2/13/01	1056		X	BP-RB021301	2	X						RINSATE BLANK ON HP.
7	2/13/01	1325		X	BP-VPB-46-341342	2	X						
8	2/13/01	1500		X	BP-VPB-46-361362	2	X						
9	2/13/01	1725		X	BP-VPB-46-381382	2	X						
10	2/14/01	1030		X	BP-VPB-46-402403	2	X						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott Neil	2/14/01 1145	NUVA			
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:	

VPB46 D-76

CHAIN OF CUSTODY RECORD

COC # BP-VPB-021501

PROJECT NO.: N0565

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott A. Neil

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TOC						REMARKS
1	2/13/01	1357		x	BP-VPB-46-360361	1	x						TAKEN AT 360 FT INTERVAL
2	2/14/01	0938		x	BP-VPB-46-400402	1	x						TAKEN AT 400 FT INTERVAL

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
Scott A. Neil	2/14/01 1410	FED EX			
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

COC # BP-VPB-021601

PROJECT NO.: N0565

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. Reid

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCS						REMARKS
1	2/14/01	0730		x	BP-TB021401	2	x						LAB SUPPLIED TRIP BLANK
2	2/14/01	1225		x	BP-VPB-46-422423	2	x						
3	2/14/01	1240		x	BP-DM440	2	x						DRILLING MUD SAMPLE
4	2/14/01	1410		x	BP-VPB-46-441442	2	x						
5	2/14/01	1630		x	BP-VPB-46-461462	1	x						Insufficient volume
6	2/14/01	0000		x	BP-VPB-DUP2	2	x						Duplicate of BP-VPB-46-422423
7	2/15/01	1458		x	BP-VPB-46-491492	2	x						
8	2/15/01	1756		x	BP-VPB-46-502503	2	x						
9	2/14/01	1045		x	BP-VPB-46-521522	2	x						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott W. Reid	2/16/01 1300	NOVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

VPB46 D-78

CHAIN OF CUSTODY RECORD

BP-VPB-022101

PROJECT NO.: N0565

SITE NAME: NWTRP Bath Page

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40mL vials VOCs						REMARKS
1	2/16/01	102		X	BP-TB-021901	2	2						Lab supplied Trip Blank
2	2/19/01	1320		X	BP-VPB-541542	2	2						
3	2/19/01	1505		X	BP-VPB-561562	2	2						
4	2/20/01	1025		X	BP-VPB-581582	2	2						
5	2/20/01	1220		X	BP-VPB-601602	2	2						
6	2/20/01	1415		X	BP-VPB-621622	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
	2-21-01				
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	

VPB46 D-79

CHAIN OF CUSTODY RECORD

BP-VPB-022301

PROJECT NO.: N0565

SITE NAME: NWIRP Beth Page

SAMPLERS (SIGNATURE): Vince Shickort

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40ML Vials VOCs						REMARKS
1	2/16/01	1021		X	BP-TB-022101	2	2						Laboratory prepared Trip Blank
2	2/23/01	1625		X	BP-VPB-46-641642	2	2						
3	2/23/01	1510		X	BP-VPB-46-661662	2	2						
4	2/23/01	1535		X	BP-RB-022301	2	2						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[illegible]	2-23-1900				
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 by Laboratory Courier	

VPB46 D-80

CHAIN OF CUSTODY RECORD BP-VPB-022801

PROJECT NO.:	SITE NAME:
N0565	NWIRP Beth Page

SAMPLERS (SIGNATURE): Vince Shickora

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml Vials VOC						REMARKS
1	2/27/01	1632		X	BP-TB-022601	2	2						Lab prepared Trip Blank
2	2/26/01	1515		X	BP-VPB-46-671672	2	2						
3	2/27/01	1110		X	BP-VPB-46-692693	2	2						
4	2/27/01	1305		X	BP-VPB-46-702703	2	2						
					Temperature Blank	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	2-28-01 0830				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped by Laboratory Courier	

VPB46 D-81

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

BP-VPB-023001

PROJECT NO.:

SITE NAME:

SAMPLERS (SIGNATURE):

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ML VIALS VOCs							REMARKS
1	2/22/01	0150		X	BP-TB-022801	2	2							Lab prepared Trip Blank
2	2/28/01	1225		X	BP-VPB-46-722723	2	2							
3	2/28/01	1450		X	BP-VPB-46-741742	2	2							
4	2/28/01	1715		X	BP-VPB-46-762763	2	2							
					Temperature Blank	1								

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	3-2-01 0800				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Shipped by Laboratory Courier	

Order No. 70440 (0693)

VPB46 D-82

CHAIN OF CUSTODY RECORD

COC #: BP-VPB-030901

PROJECT NO.: N0565

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. Neil

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	3/8/01	0715		x	BP-TB030801	2	x						LAB SUPPLIED TRIP BLANK
2	↓	1600		x	BP-VPB-46-781782	2	x						
3	↓	0000		x	BP-VPB46-DUP3	2	x						DUPLICATE OF BP-VPB-46-781782
4	3/8/01	1615		x	BP-VPB46-DM790	2	x						DRILLING MUD

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott W. Neil	3/9/01 1400	ECOTEST COURRIER			
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. 20440 (0693)

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.01 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/07/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-TB020701, 0750

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= 3946

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.02 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/07/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-5253, 1622

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	2
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	Chlorodifluoromethan	ug/L	17
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	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= 3947

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.03 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/08/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-101102, 1419

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	55	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	2
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
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	<1
Carbon Tetrachloride	ug/L	<1	Chlorodifluoromethan	ug/L	2
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.04 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/08/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-152153, 1615

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<1
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	3
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= 3949

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.05 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/08/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-DUP1, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	3	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	1	Trichloroethene	ug/L	1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.06 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/09/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-RB010901, 1010

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 3951

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210673.07 02/15/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/09/01 RECEIVED:02/09/01

SAMPLE: Water sample, BP-VPB-46-202203, 1200

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	5	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	13	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	7	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	7	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	7	Trichloroethene	ug/L	9
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<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			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210758.01 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/12/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-TB021201, 0915

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	5	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= 4443

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:210758.02 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/12/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-220221, 1154

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	7	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	32	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	6	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	2	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	8	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	28			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:210758.03 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/12/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-241242, 1316

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	5	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	12	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	4	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	3
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 4445 VPB46 D-93

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:210758.04 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/12/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-281282, 1621

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	3	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	6	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:210758.05 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-301302, 1042

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	4	m + p Xylene	ug/L	<2
Acetone	ug/L	14	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	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	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	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= 4447 VPB46 D-95

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210758.06 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-RB021301, 1056

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210758.07 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-341342, 1325

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= 4449 VPB46 D-97

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:210758.08 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-361362, 1500

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	5
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:210758.09 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/13/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-381382, 1725

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	7	m + p Xylene	ug/L	<2
Acetone	ug/L	12	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 4451 VPB46 D-99

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210758.10 02/21/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/14/01

SAMPLE: Water sample, BP-VPB-46-402403, 1030

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	4
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.01 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-TB021401, 0730

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= 4871 VPB46 D-101

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.02 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-422423, 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

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.03 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-DM440, 1240

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	20	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= 4873

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.04 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-441442, 1410

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. *ENVIRONMENTAL TESTING*

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LAB NO:210808.05 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-461462, 1630

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	16	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 4875 VPB46 D-105

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.06 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/14/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-DUP2, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.07 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/15/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-491492, 1458

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= 4877 VPB46 D-107

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.08 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/15/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-502503, 1756

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210808.09 02/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/16/01 RECEIVED:02/16/01

SAMPLE: Water sample, BP-VPB-46-521522, 1045

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= 4879 VPB46 D-109

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.01 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/16/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-TB-021901, 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= 5201 VPB46 D-110

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:210871.02 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/19/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-541542, 1320

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	<1

cc:

REMARKS:

DIRECTOR

rn= 5202 VPB46 D-111

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.03 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/19/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-561562, 1505

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	29	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.04 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/20/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-581582, 1025

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	23	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Corrected report; value for 2-butanone and acetone were corrected (correction of typographical error).

DIRECTOR

rn= 5204 VPB46 D-113

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:210871.05 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/20/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-601602, 1220

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	<[illegible]
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<[illegible]
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= 5205 VPB46 D-114

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210871.06 02/28/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/20/01 RECEIVED:02/21/01

SAMPLE: Water sample, BP-VPB-621622, 1415

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
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= 5206 VPB46 D-115

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210914.01 03/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/16/01 RECEIVED:02/23/01

SAMPLE: Water sample, BP-TB-022101, 1021

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	<[illegible]
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<[illegible]
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= 5450 VPB46 D-116

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210914.02 03/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/22/01 RECEIVED:02/23/01

SAMPLE: Water sample, BP-VPB-46-641642, 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	<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= 5451 VPB46 D-117

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210914.03 03/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/23/01 RECEIVED:02/23/01

SAMPLE: Water sample, BP-VPB-46-661662, 1310

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 5452

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO:210914.04 03/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/23/01 RECEIVED:02/23/01

SAMPLE: Water sample, BP-RB-022301, 1335

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= 5453 VPB46 D-119

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210993.01 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/22/01 RECEIVED:02/28/01

SAMPLE: Water sample, BP-TB-022601, 1632

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= 5771 VPB46 D-120

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210993.02 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/26/01 RECEIVED:02/28/01

SAMPLE: Water sample, BP-VPB-46-671672, 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	<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= 5772 VPB46 D-121

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210993.03 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/26/01 RECEIVED:02/28/01

SAMPLE: Water sample, BP-VPB-46-692693, 1110

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	<[illegible]
c-1,3Dichloropropene	ug/L	<[illegible]
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

rn= 5773

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:210993.04 03/06/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/26/01 RECEIVED:02/28/01

SAMPLE: Water sample, BP-VPB-46-702703, 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	16	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 5774 VPB46 D-123

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211040.01 03/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/22/01 RECEIVED:03/02/01

SAMPLE: Water sample, BP-TB-022801, 0150

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= 6015

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211040.02 03/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/28/01 RECEIVED:03/02/01

SAMPLE: Water sample, BP-TB-46-722723, 1225

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	14	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= 6016 VPB46 D-125

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211040.03 03/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/28/01 RECEIVED:03/02/01

SAMPLE: Water sample, BP-TB-46-741742, 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	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211040.04 03/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:02/28/01 RECEIVED:03/02/01

SAMPLE: Water sample, BP-TB-46-762763, 1715

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

rn= 6018

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211153.01 03/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/08/01 RECEIVED:03/09/01

SAMPLE: Water sample, BP-TB030801, 0715

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= 6695

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211153.02 03/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/08/01 RECEIVED:03/09/01

SAMPLE: Water sample, BP-VPB-46-781782, 1600

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= 6696 VPB46 D-129

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211153.03 03/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/08/01 RECEIVED:03/09/01

SAMPLE: Water sample, BP-VPB-46-DUP3, 0000

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	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	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= 6697 VPB46 D-130

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:211153.04 03/16/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N0565.0200
COLLECTED BY: Client DATE COL'D:03/08/01 RECEIVED:03/09/01

SAMPLE: Water sample, BP-VPB-46-DM790

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= 6856

TETRA TECH NUS, INC.

Client Sample ID: BP-VPB-46-360361

General Chemistry

Lot-Sample #...: C1B150289-001 Work Order #...: DV7NR Matrix.....: SOLID
Date Sampled...: 02/13/01 Date Received..: 02/15/01
% Moisture.....: 24

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	76.2		%	MCAWW 160.3 MOD	02/16-02/17/01	1047166
	Dilution Factor: 1			MS Run #.....: 1047053		
Total Organic Carbon 1230		65.6	mg/kg	MSA WALKLEY-BLACK	02/17/01	1048104
	Dilution Factor: 1			MS Run #.....: 1048013		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

TETRA TECH NUS, INC.

Client Sample ID: BP-VPB-46-400402

General Chemistry

Lot-Sample #...: C1B150289-002 Work Order #...: DV7NT Matrix.....: SOLID
Date Sampled...: 02/14/01 Date Received..: 02/15/01
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	80.8		%	MCAWW 160.3 MOD	02/16-02/17/01	1047166
		Dilution Factor: 1		MS Run #.....: 1047053		
Total Organic Carbon	11900	61.9	mg/kg	MSA WALKLEY-BLACK	02/17/01	1048104
		Dilution Factor: 1		MS Run #.....: 1048013		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Appendix E

VPB-50

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
BORING NUMBER: VPB-50
PROJECT NUMBER: N4037
DATE: 9-13-01
DRILLING COMPANY: Uni Tech
GEOLOGIST: Cercone
DRILLING RIG: FAILING 1500
DRILLER: BAER

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0					tan	SAND & GRAVEL						
						wh/tan							
	10												
	20										0	0	0
	30												
	40										0	0	0
	50		50-100/2"				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:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No x Well I.D. #: VPB-50

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N 4037
DRILLING COMPANY: Uni-Tech
DRILLING RIG: Failing 1500

BORING No.: VPB- 50
DATE: 9-14-01
GEOLOGIST: Cercone
DRILLER: ~~J. Evans~~ BACV

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	50						GRAVEL			0	0	0	0
							well rounded						
							medium						
							well						
	60						graded						
	70												
	80												
	90												
	100		0										

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm):

Remarks:

Well I.D. #: VPB - 50

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: UniTech
DRILLING RIG: FAILING 1500
BORING NUMBER: VPB-50
DATE: 9-14-01
GEOLOGIST: Cercone
DRILLER: BACR

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	100						GRAVEL						
							AS ABOVE						
							↓						
	110						↓						
							SAND, lacks						
							GRAVEL						
							EXACT depth						
							of contact						
	120						UNKNOWN						
	130												
	140												
	150												

* When rock coring, enter rock broteness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No X Well I.D. #: VPB-50

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/17/01
GEOLOGIST: S. Neil
DRILLER: B. Baer

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-3 e	150	100	6"			Gray Brown	Fine grained sand	SP	HP-3 @ 1440:	0	0	0	0
1314	152	6	6"				trace med - coarse sand		BP-VPB-50-150/152				
							Clay from = 154 - 158 based on drilling						
	160						Sand based on drilling						
	170												
	180						Fine-coarse sand						
	190						Sand based on drilling						
	200												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Resume drilling from 150' on 9/17/01. Start by taking split spoon + hydropunch sample - temp. casing installed on 9/14/01

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/17-18/01
GEOLOGIST: S. Neil
DRILLER: B. Baer

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	5-4 @	200	66/100	7"			GRY	FINE SAND TR GRAVEL-	SP		0	0	0	0
9/17	1529	202	OVER/5	11"				PEA-SIZE TO LARGE						
9/18														
		210												
	5-5 @	220	52/100	8"			BRN	V. FINE SAND	SP	HP-4 @ 1140;	2.6	0	0	0
	0833	222	OVER/5	11"						BP-VPB-50-222222				
										ALSO COLLECT 1ST TOC				
										SAMPLE: BP-VPB-50-240				
		230						SAND BASED ON DRILLING						
	5-6 @	240	12/13	17"			BRN	V. FINE SILTY SAND w/	SP/SC	HP-5 @ 1312;	0	0	0	0
	1200	242	15/15	24"				CLAY LENSES (TRACE)		BP-VPB-50-242243				
		250						V. COARSE SAND/SM. GRAVEL		~~FORMATION TAKING~~ MUD @ 250'				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/18-19/01
GEOLOGIST: S. Neil
DRILLER: B. Baer

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		250												
	S-7 @	260	57/100	12"			GRY	V. FINE SAND w/	SP	HP-6 @ 1512;	0	0	0	0
	1352	262	DRL 6	12"				BLK MOTTLING.		BP-VPB-SD-261262				
		270						SAND BASED ON DRILLING						
	S-8 @	280	47/51	15"			DK GRY	V. FINE SILTY SAND	SM	HP-7 @ 1605.	0	0	0	0
9/18	1528	282	TR 100/3	21"				w/ LIGNITE BANDS (TRACE)		BP-VPB-SD-282283				
9/19														
		290						SAND BASED ON DRILLING						
		300												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/19/01
GEOLOGIST: S. Neil
DRILLER: B. Baer

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	300												
5-9 @	302	60/100	11"			BK	SILT / FLAKES OF COAL	OL	HP-8 @ 1020;	0	0	0	0
0945		OVR/5	11"				LIGNITE (V. HARD)		BP-VPB-SD-301302				
							TR FINE SAND						
	310						SAND BACK ON DRILLING						
5-10 @	320	20/100	11"			GRY	CLAY (SOFT - MED)	CL	NO HYDROPUNCH	0	0	0	0
1045	322	OVR/5	11"				TR LIGNITE		ATTEMPTED DUE TO				
									FORMATION				
							~~OUT OF CLAY @ 327~~ SAND						
	330						CLAY w/ LIGNITE						
							OUT OF CLAY @ ≈ 333'						
5-11 @	340	52/100	8"			GRY	V. FINE SAND w/ SILT	SM	HP-9 @ 1235;	0	0	0	0
1110	342'	OVR/5	11"				SOME LIGNITE		BP-VPB-SD-341342				
									Also collect duplicate				
									COLLECT 2ND TOC SAMPLE				
							CLAY @ ≈ 345'		LOST ≈ 100 GALLONS OF MUD @ 343'				
	350						↓		LIGNITE.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/19-20/01
GEOLOGIST: S. Neil
DRILLER: B. Baer

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	350						CLAY BASED ON DRILLING						
S-12 @	360	37/100	7"			GRAY	V. FINE SAND / SILT W/	SM	HP-10 @ 1423;	0	0	0	0
1300	362	OVER 2	8"				CLAY LENSES ~~TR~~ SOME LIGNITE		BP-VPB-50-361362				
	370												
S-13 @	380	48/100	9"			GRAY	V. FINE SANDY SILT	SM	NO RECOVERY ON FIRST ATTEMPT -	0	0	0	0
9/19 1442	382	OVER 3	9"						SCREEN CLOGGED W/ SILT WILL NOT				
9/20									MAKE A SECOND ATTEMPT.				
S-14 @	390	100	6"			GRAY	V. FINE SILTY SAND	SM	HP-11 @ 1015;	0	0	0	0
0855	392	6	6"						BP-VPB-50-390391				
							CLAY BASED ON DRILLING						
							FROM = 395 - 399'.						
	400												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/20/01
GEOLOGIST: S. Neil
DRILLER: B. BARR

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-15 @	400	63/100	6"			GRAY	UPPER 2.5" DENSE CLAY	CL	HP-13 @ 1155	0	0	0	0
1035	402	OPEN/2	8"				LOWER 3.5" FINE SILTY	SM	BP-VPB-50-401402				
							SAND TR LIGNITE						
	410						SAND BASED ON DRILLING						
							DENSE CLAY @ ≈416' BASED ON DRILLING						
S-16 @	420	65/100	12			DK GRAY	VERY DENSE CLAY	CL	NO HP ATTEMPTED AT THIS INTERVAL	0	0	0	0
1218	422	OPEN/6	12"						DUE TO FORMATION				
S-17 @	430						V. DENSE CLAY BASED ON DRILLING						
	432												
							OUT OF CLAY @ 436'						
S-17 @	440	100/	6"			GRAY	V. FINE SILTY SAND	SM	FIRST ATTEMPT AT HP	0	0	0	0
1255	442	6	6"						NOT SUCCESSFUL.				
									HP-142 1545 ON SECOND ATTEMPT:				
									BP-VPB-50-440441				
	450						SAND BASED ON DRILLING						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/20-24/01
GEOLOGIST: S. Neil
DRILLER: B. Baer

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	450												
							CLAY @ ≈ 456' BASED ON DRILLING.						
S-18 @	460	56 / 50	12"			GRAY	UPPER 7": V. DENSE CLAY	CL	NO HP ATTEMPTED AT THIS INTERVAL	0	0	0	0
1608	462	OVER / 6	12"				LOWER 5": SILTY CLAY		DUE TO FORMATION				
							~~OUT~~ OUT OF CLAY @ 474'						
S-19 @	470	46 / 100	8"			GRAY	DENSE CLAY	CL	NO HP ATTEMPTED DUE TO FORMATION	0	0	0	0
9/20 1640	472	OVER / 2	8"										
							~~OUT~~ OUT OF CLAY @						
9/21							≈ 474'						
S-20 @	480	41 / 100	8"			GRAY	FINE SILTY SAND	SM	NO RECOVERY IN 1ST HP ATTEMPT.	–	–	–	–
1805	482	OVER / 2	8"						NO RECOVERY IN 2ND HP ATTEMPT.				
9/24													
							CLAY BASED ON DRILLING @	487 - 489'					
S-21 @	490	100 /	6"			GRAY	FINE SAND W/ CLAY	SC	NO RECOVERY IN HP - POSSIBLY DUE	0	0	0	0
1408	492	6 /	6"				LENSES (MED - DENSE)		TO FORMATION WILL DRILL TO 500' AND				
									SAMPLE.				
	500												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: BOREHOLE COLLAPSED OVER THE WEEKEND (9/21-24/01) TO THE TEMP. CASING (150'). WILL BEGIN REGROUT ON 9/24/01.

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/24/01 - 9/25/01
GEOLOGIST: S. Neil
DRILLER: B. Baer

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-22 C	500	100	6"			GRAY	FINE - COARSE SAND	SW	HP-15 @ 1705	0	0	0	0
9/21	1550	502	6	6"						BP-VPB-SD-520501				
9/25														
		510						SAND BASED ON DRILLING		(COARSE)				
	S-23 C	520	100	6"			GRAY	FINE-MED SAND	SW	HP-16 @ 0937;	0	0	0	0
	0820	522	6	6"						BP-VPB-SD-520521				
		530						SAND BASED ON DRILLING						
	S-24 C	540	100	6"			GRAY	FINE SILTY SAND	SM	HP-17 @ 1130;	0	0	0	0
	1006	542	6	6"						BP-VPB-SD-540541				
		550												

* 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: Ye No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: ~~9/24-25/01~~ 9/25-26/01
GEOLOGIST: S. Neil
DRILLER: D. Baer

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	550						SAND BASED ON DRILLING						
3-25 C	560	65/100	11"			GRAY	FINE-MED SAND	SW	HP-14 @ 1324;	0	0	0	0
1201	562	over 6	12"						AR-VPB-50-561562				
	570						SAND BASED ON DRILLING						
9/25 afternoon 3-26 C	580	62/100	8"			GRAY	FINE-MED SAND	SW	NO RECOVERY IN 1ST HP ATTEMPT.	0	0	0	0
1350	582	over 6	12"						HP DID NOT OPEN ON 2ND ATTEMPT.				
9/26/01									NO RECOVERY ON 2ND "GOOD" ATTEMPT				
	590						SAND BASED ON DRILLING						
	600												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes No ✓ Well I.D. #: VPB50 E 12

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/26/01
GEOLOGIST: S. Neil
DRILLER: B. Baer

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-27 @	600	50/100	7"			GRAY	FINE-MED SAND TR	SW	HP-19 @ 1025.	0	0	0	0
0905	602	OVER/1	7"				COARSE SAND TR CLAY LENS		BP-VPB-50-600601				
	610						SAND BASED ON DRILLING						
S-28 @	620	9/25	7"			GRAY	MED-COARSE SAND	SW	HP-20 @ 1220;	0	0	0	0
1055	622	100/3.	15"				TR V. COARSE SAND		BP-VPB-50-621622				
									ALSO COLLECT DUP 3				
	630						SAND BASED ON DRILLING						
S-29 @	640	32/100	7"			GRAY	FINE-MED SAND	SW	HP-21 @ 1408;	0	0	0	0
1240	642	OVER/6	12"						BP-VPB-50-641642				
							CLAY BASED ON DRILLING						
	650						@ 649'.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB - 50
DATE: 9/26-27/01
GEOLOGIST: S. Neil
DRILLER: Bob Baer

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		650						CLAY BASED ON DRILLING						
	S-30 @	660	18/22	11"			~~[illegible]~~	CLAY (UPPER 5")	CL	FORMATION TAKING MUD ≈ 300 GAL.	0	0	0	0
9/26	1455	662	50/63	24"			BRN	FINE SILTY SAND	SM	HP-22 @ 1615.				
9/27								(BOTTOM 6").		BP-VPB-50-662663				
		670						CLAY BASED ON DRILLING						
	S-31 @	680	15/45	20"			GRAY	CLAY (MED-DENSE) IN	CL/SM	NO HP ATTEMPTED	0	0	0	0
	0820	682	57/100/2	20"				UPPER & LOWER PORTION OF		DUE TO FORMATION				
								SPOON W/ FINE SILTY SAND						
								IN MIDDLE						
	S-32 @	690	25/100	7"			GRY/BRN	FINE-MED SILTY SAND	SM	HP-23 @ 1015;	0	0	0	0
	0845	692	ORM/3	9"						BP-VPB-50-691692				
								CLAY BASED ON DRILLING						
								FROM ≈ 692'.						
		700												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/27-28/01
GEOLOGIST: S. Neil
DRILLER: D. Baer

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-33 C	700	23/100	12"			RED	V. DENSE CLAY w/	CL	NO HP ATTEMPTED	0	0	0	0
1100	702	50/6	12"				SOME LT GRY MOT.		DUE TO FORMATION				
	710						RED CLAY @ 710'		DRILL TO 720'.				
							INTO SAND @ ≈ 714'						
S-34 C	720	100	5"			RED/BRN	MED-COARSE SAND w/	SW	NO RECOVERY IN 1ST ATTEMPT.	0	0	0	0
1155	722	5	5"				TR PEA-SIZED GRAVEL		NO RECOVERY IN SECOND HP ATTEMPT.				
							INTO CLAY ≈ 724'.						
							↓						
S-35 C	730	100	5"			WH/TAN	MED-DENSE CLAY (SILTY)	CL	NO HP ATTEMPTED DUE TO FORMATION	0	0	0	0
1500	732	5	5"										
							OUT OF CLAY - INTO GRAVEL						
							MT ≈ 736'.						
S-36 C	740	100	6"			BRN/WH	CLAYEY (VAR.) GRAVEL w/	GC	HP-24 @ 1705	0	0	0	0
9/27 1535	742	6	6"				SOME V. COARSE SAND		AP-VPB-50-740741				
9/28													
	750						CLAY BASED ON DRILLING						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes No ✓ Well I.D. #:

VPB50 E-15

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 9/28/01 - 10/2/01
GEOLOGIST: S. Neil
DRILLER: B. Baer

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		750						CLAY BASED ON DRILLING						
	5-37 @	760	100	6"			LT GRAY	V. DENSE CLAY	CL	NO HP ATTEMPTED	0	0	0	0
	0825	762	6	6"						DUE TO FORMATION ~~FORMATION~~				
		770						CLAY BASED ON DRILLING						
								INTO SAND @ ≈ 778'						
9/28	5-38 @	780	30 100	7"			GRAY	FINE SILTY SAND	SM	DRILLING MUD IN HP ON 1ST ATTEMPT	0	0	0	0
	0910	782	OVER 3	9"						COLLECT HP-25 @ 0930 ON 10/2/01:				
10/2										HP-VPB-50-780781				
		790						SAND BASED ON DRILLING						
								POSSIBLE CLAY @ 794'						
								BASED ON DRILLING						
		800												

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: 10/1/01: REDRILL HOLE AFTER COLLAPSE OVER THE WEEKEND

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: VPB50 E 16

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: N4037
DRILLING COMPANY: Uni-Tech Drilling Company
DRILLING RIG: Failing 1500

BORING No.: VPB-50
DATE: 10/2
GEOLOGIST: S. Neil
DRILLER: B. Baer

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-39 a	800	100	6"			GRY	MED SAND TR	SM	HP-26 @ 1025;	0	0	0	0
0950	802	6	6"				CLAY TR PYRITE		AP-VPB-50-800801				
	810						SAND/CLAY BASED ON						
							DRILLING						
S-40 c	820	100	6"			GRY	FINE SILTY SAND	SM	INSUFFICIENT VOLUME IN 1ST HP	0	0	0	0
1152	822	6	6"						HP-27C 1440;				
									AP-VPB-50-820821				
	830						C. SAND BASED OF DRILLING						
S-41 e	840	100	6"			GRY	V. FINE SILTY SAND/	SM	NO HP ATTEMPTED	0	0	0	0
1512	842	6	6"				CLAYEY SAND		DUE TO FORMATION				
			6"										
S-42 e	850	100 / 6	6"			GRY	CLAYEY SILT TR F. SAND	ML	END OF BOREHOLE	0	0	0	0

* When rock coring, enter rock brokeness.

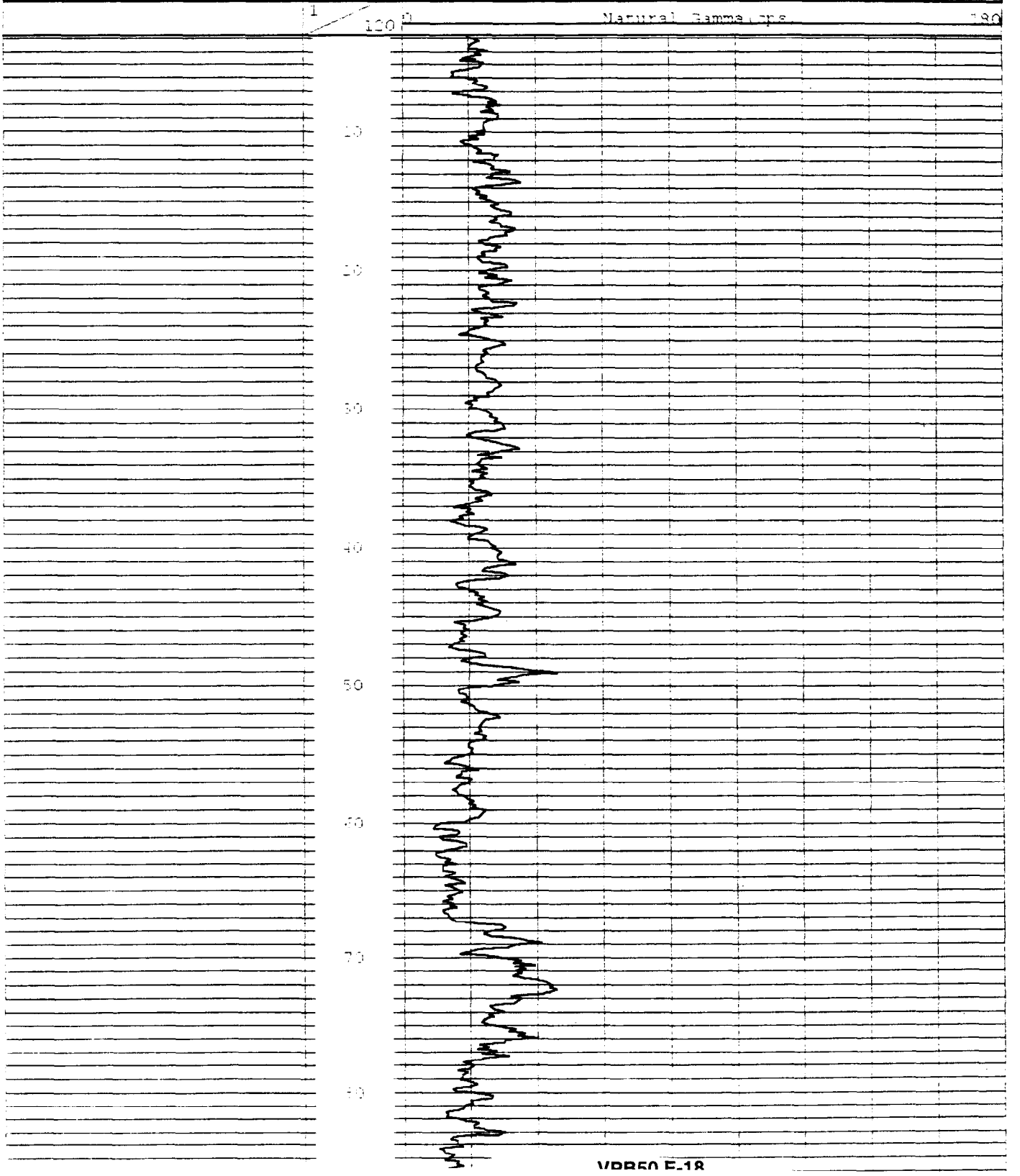
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

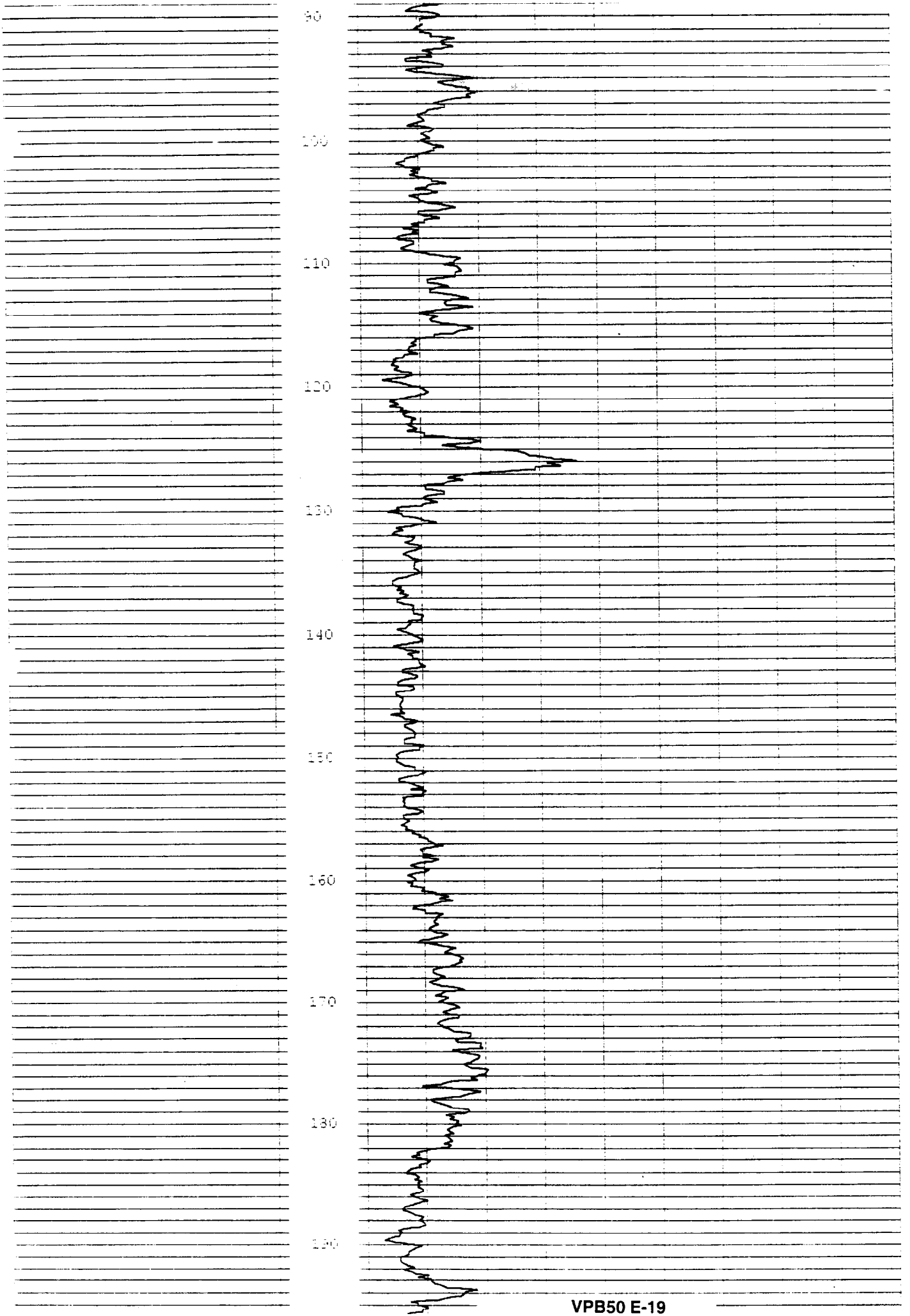
Drilling Area Background (ppm): 0

Remarks:

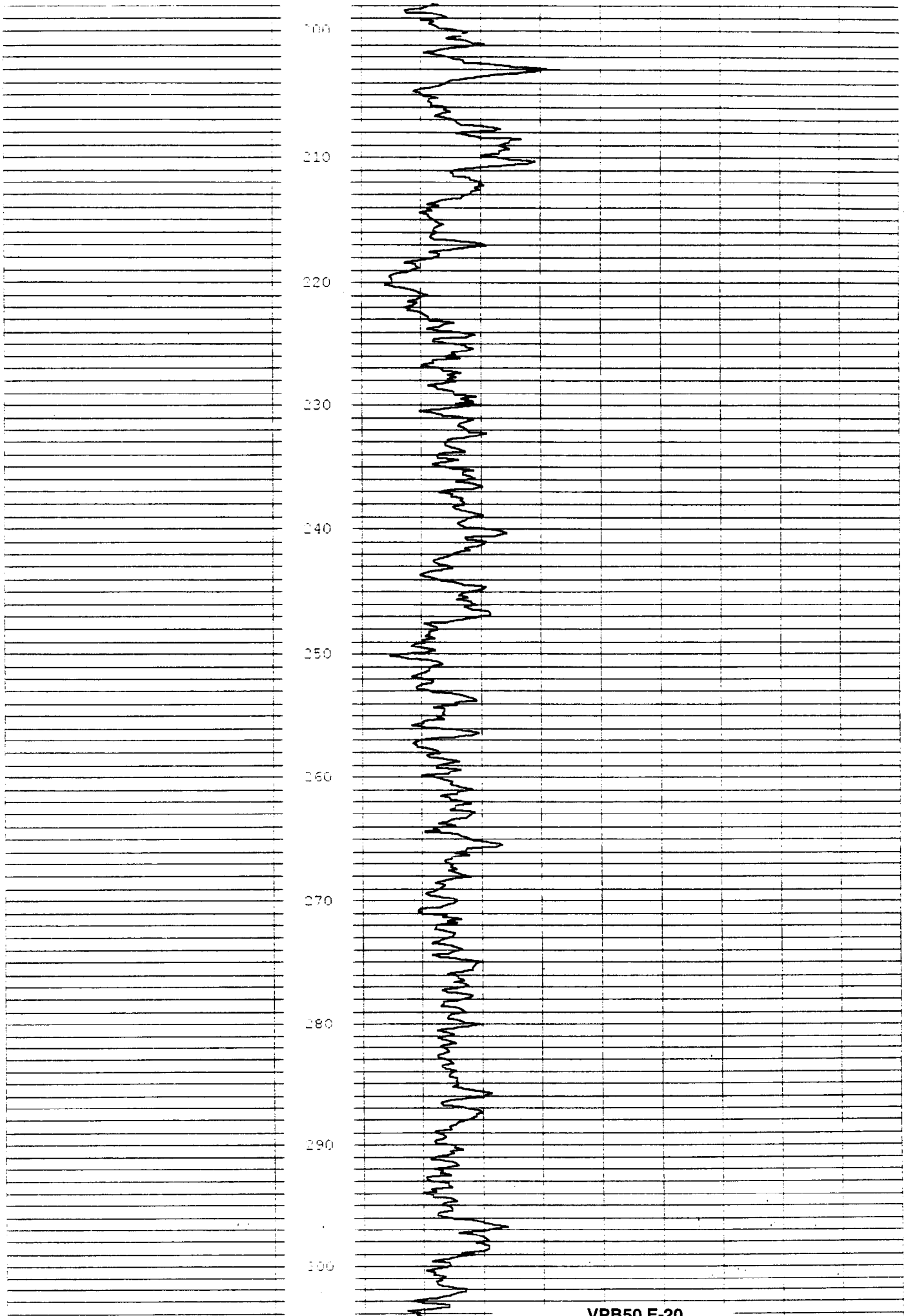
Converted to Well: Yes No ✓ Well I.D. #:

	COMPANY: UNI TECH DRILLING				Casing
	Location: SEAMAN'S NECK RD.				
Well	VPB - 50			Depth Driller 850 ' / Depth Logger 837' grade	150' 6"PVC
Date	10/3/01	BH Fluid	MUD	Logged by: AQUA TERRA	
File Name				Witness: S. NEIL	





VPB50 E-19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260
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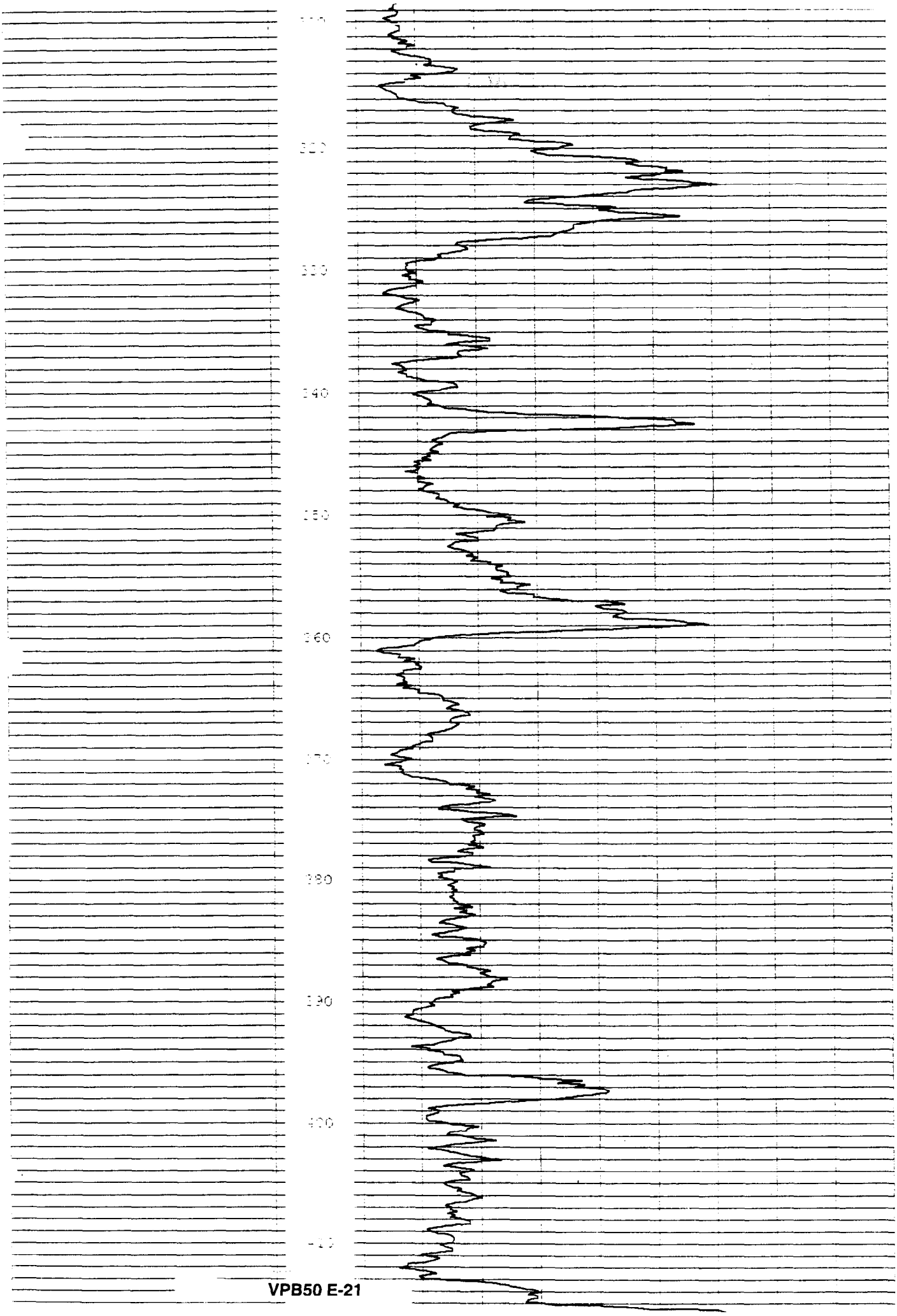
280
290
300
VPB50 E-20



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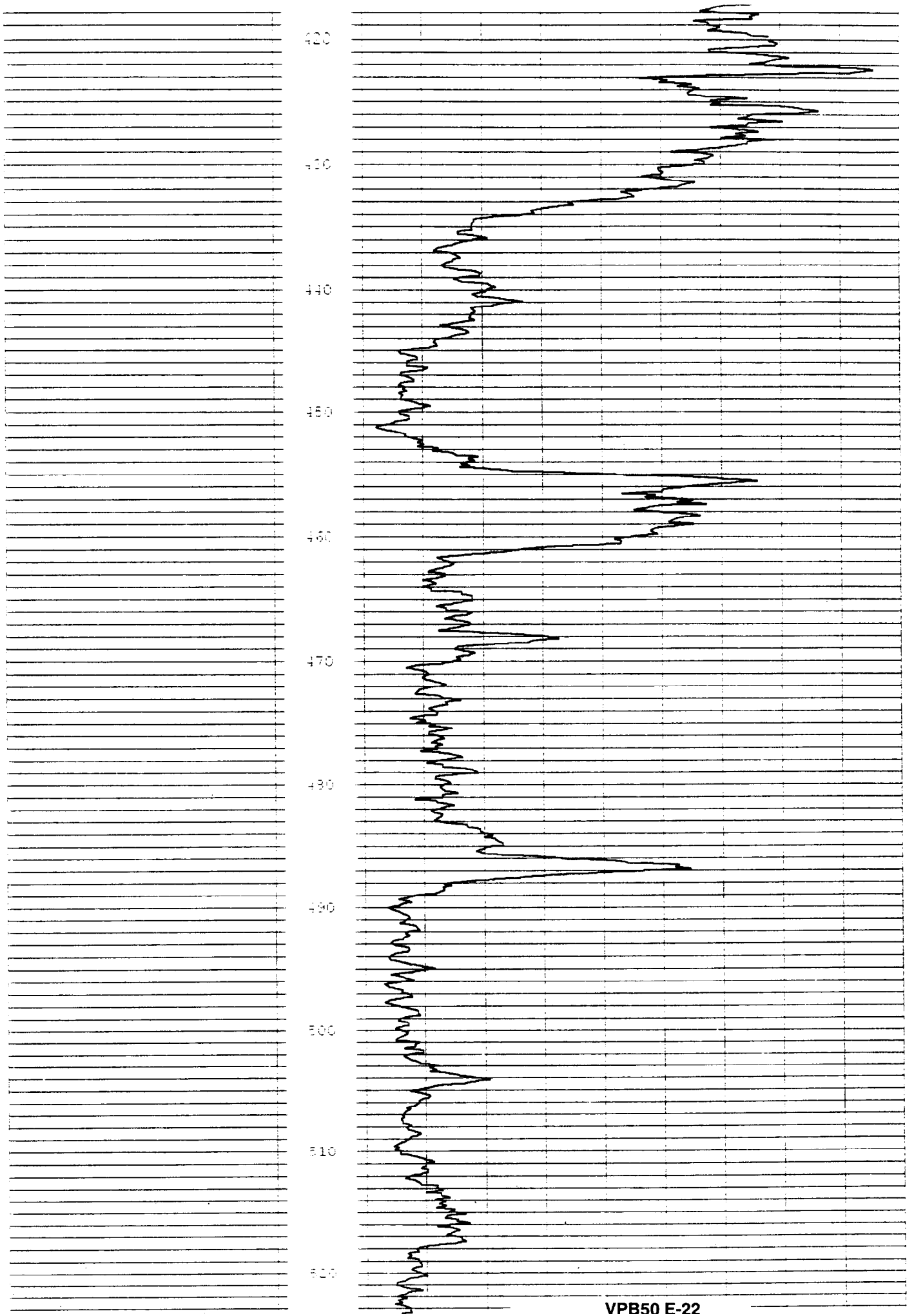

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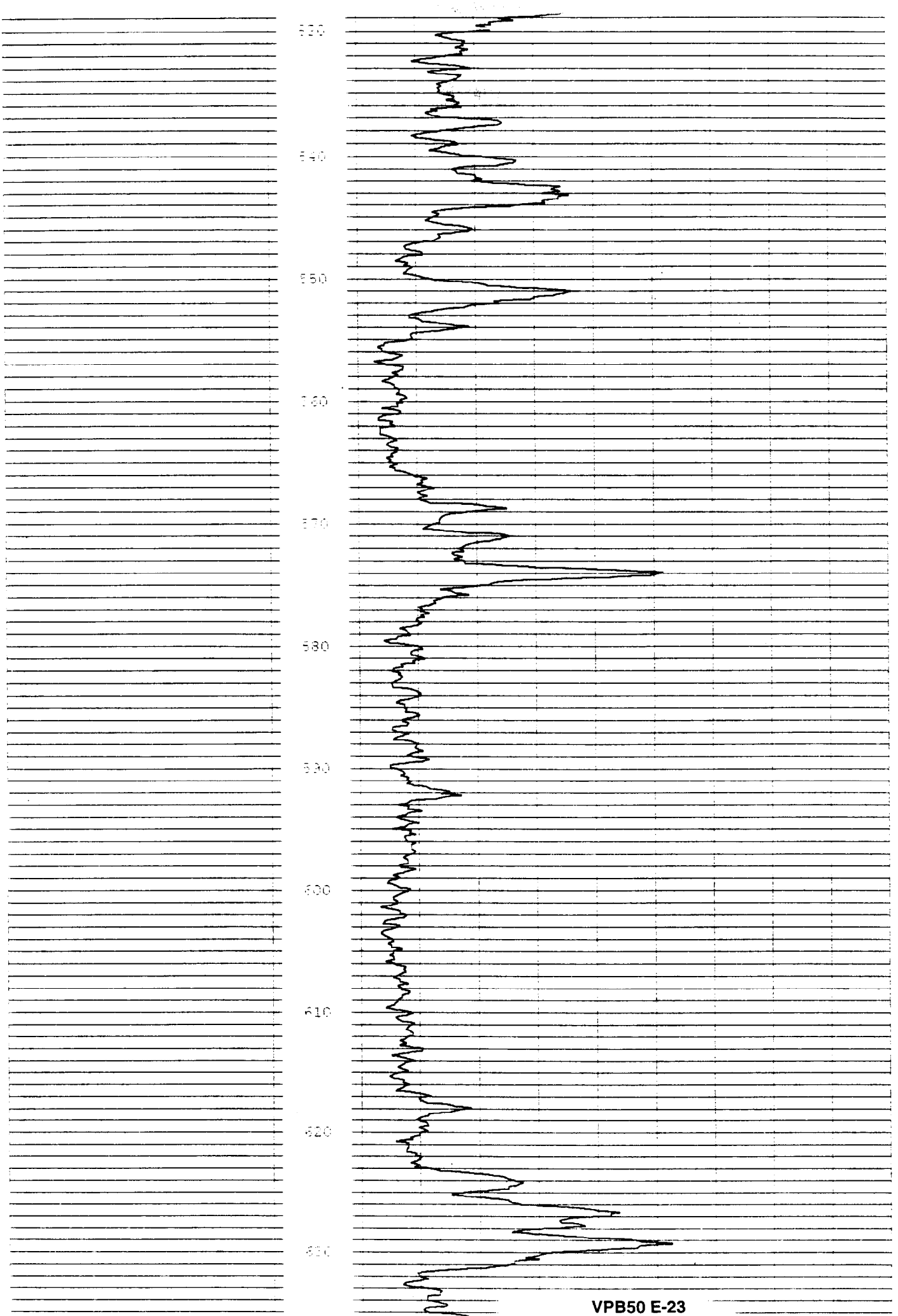
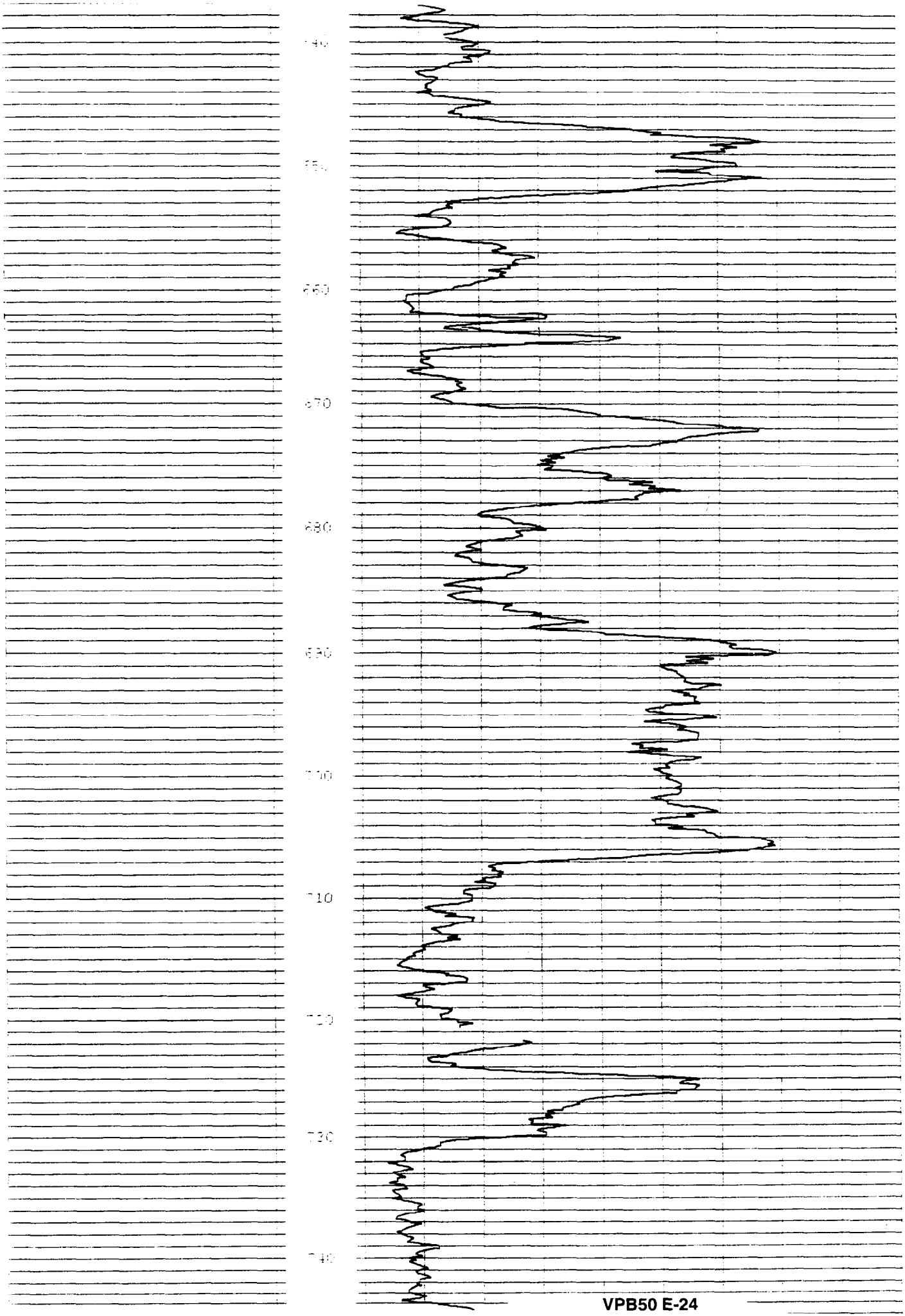


VPB50 E-23



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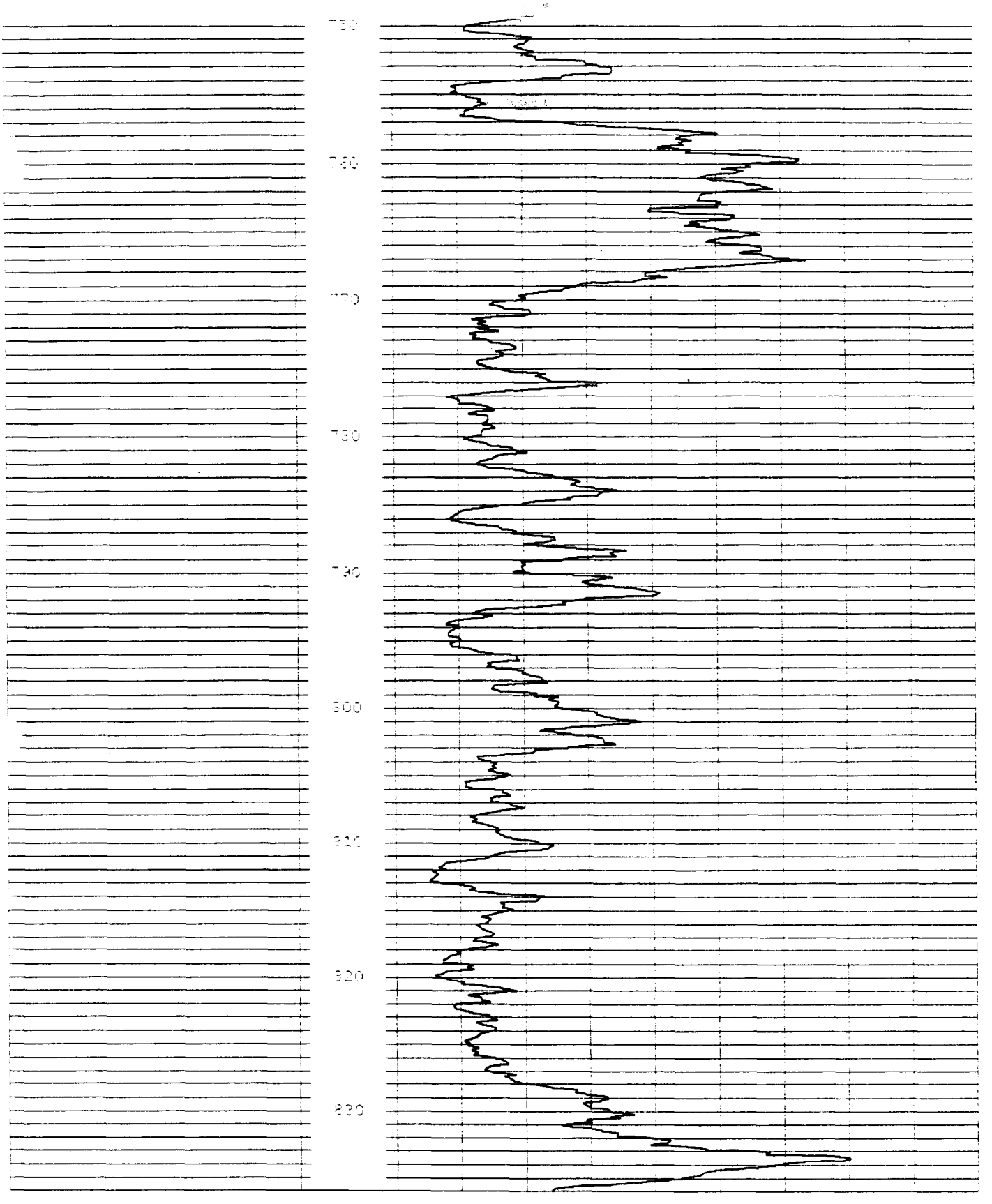
750
760
770
780
790
800
810
820
830

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Bethpage Basin 210
Project No.: 4037

[] Domestic Well Data
[] Monitoring Well Data
[X] Other Well Type: Vertical Test Boring
[X] QA Sample Type:

Sample ID No.: BP-VPB-50-5051
Sample Location: Basin 210
Sampled By: D Cercone
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 9-13-01	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1430								
Method: VPB-50	–	–	1.4	–	–	–	–	–

PURGE DATA:

Date:	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	HCl, 4°C	2 x 40 ml vials	

OBSERVATIONS / NOTES:

Borehole open to = 50
Top of Sampling Interval = 50
Bottom of Sampling Interval = 51

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): David P. Cercone

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-150151
Sample Location: VPB- 50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-091901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 9/17/01								
Time: 1440								
Method: Hydropunch	OL/BRN	6.46	0.329	18.4	>999	3.12	0.03	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1330.

Sample depth (screened interval) = 150 - 151'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 150'.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB-50-DUP1

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-201202
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-091901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/17/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1635								
Method: Hydropunch	Gray	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1538.

Sample depth (screened interval) = 201 - 202'.

Screen exposed to formation for 52 minutes.

Depth of borehole prior to advancing hydropunch = 200'.

Sample has the appearance of cross-contamination w/ drilling mud - insufficient volume to run field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott M. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-221-222
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-091901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/18/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1140	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DARK GRAY	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0956

Sample depth (screened interval) = 221 - 222'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 220'.

Insufficient volume to run field parameters. Sample has the appearance of cross-contamination w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-242243
Sample Location: VPB- 50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-091901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/18/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1312	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DK BRN	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1206.

Sample depth (screened interval) = 242-243'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 240'.

Insufficient sample volume to run field parameters.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-261262
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-091901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 9/18/01								
Time: 1512								
Method: Hydropunch	GRAY/BLK	5.61	0.257	19.8	>999	8.81	0.00	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1405.

Sample depth (screened interval) = 261 - 262'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 260'.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott M. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-282283
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-091901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/18/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1655	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	GREY	6.17	0.697	19.5	>999	9.87	0.02	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1540.

Sample depth (screened interval) = 282 - 283'.

Screen exposed to formation for 65 minutes.

Depth of borehole prior to advancing hydropunch = 280'.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-301302
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-091901
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 9/19/01								
Time: 1020								
Method: Hydropunch	V. DULL GRY	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0858

Sample depth (screened interval) = 301-302'

Screen exposed to formation for 71 minutes.

Depth of borehole prior to advancing hydropunch = 300

* Color of sample mirrors formation (black silt/coal).

Circle if Applicable:

MS/MSD — Duplicate ID No.: —

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-341342
Sample Location: VPB- 50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/19/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1235								
Method: Hydropunch	Gray	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1125.

Sample depth (screened interval) = 341 - 342'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 340'.

Insufficient volume for field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB-50-DUP2

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-361362
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/19/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1423								
Method: Hydropunch	Cloudy	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1315.

Sample depth (screened interval) = 361 – 362'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 360'.

Insufficient volume – could fill only 1 vial – sample has the appearance of cross-contamination w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott A. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: ~~BP-VPB~~ DM-380
Sample Location: VPB- 50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 9/19/01								
Time: 1450								
Method: Hydropunch	DKL GRAY	5.72	2.13	20.1	>999	1.66	0.10	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at NA.

Sample depth (screened interval) = NA.

Screen exposed to formation for NA minutes.

Depth of borehole prior to advancing hydropunch = NA.

Drilling mud sample at 380'. Sample is very thick.

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-390391
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/20/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1015								
Method: Hydropunch	DK GRAY	6.07	1.84	14.1	>999	2.23	0.08	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0907.

Sample depth (screened interval) = 390 - 391'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 390'

Sample possibly cross-contaminated w/ drilling mud.

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): Scott A. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-401402
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-~~50~~-092101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/20/01								
Time: 1155	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	LT GRAY	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1045.

Sample depth (screened interval) = 401 - 402'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 400'

Insufficient volume to run field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-440441
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092101
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 9/20/01								
Time: 1545								
Method: Hydropunch	DK Gray	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1435.

Sample depth (screened interval) = 440-441'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 440'.

SAMPLE HAS THE APPEARANCE OF CROSS-CONTAMINATION W/ DRILLING MUD.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-500501
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-[redacted]SVN 092601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/24/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1705	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1600.

Sample depth (screened interval) = 500-501'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 500'.

Insufficient volume to run field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): [signature]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-520-521
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/25/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 0937								
Method: Hydropunch	Cloudy	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0830.

Sample depth (screened interval) = 520-521'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 520'.

Insufficient volume to fill 2 vials.

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): Scott M. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-540541
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	Salinity %	
Date: 9/25/01								
Time: 1130								
Method: Hydropunch	Cloudy	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1017.

Only enough sample volume for 1 vial.

Sample depth (screened interval) = 540-541'.

Screen exposed to formation for 64 minutes.

Depth of borehole prior to advancing hydropunch = 540'.

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): Scott W. Neil

VPB50 E-42

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-561562
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-0944a
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/25/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1324								
Method: Hydropunch	Gray	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1215.

Insufficient ~~[illegible]~~ volume to fill 2 vials.

Sample depth (screened interval) = 561-562'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 560'.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB- 50 - 600601
Sample Location: VPB- 50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/26/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1025								
Method: Hydropunch	Lt. Gray	5.78	0.343	13.8	>999	0.87	0.01	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0416.

Sample depth (screened interval) = 600 - 601'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 600'.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-621622
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 9/26/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1220	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	DK GRY	5.99	1.20	13.8	>999	2.42	0.05	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	4

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1110.

Sample depth (screened interval) = 621-622'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 620'.

Possible cross-contamination w/ drilling mud based on appearance/ high sp. conductance.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	BP-VPB-50-DUP3

Signature(s): Scott [illegible]

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-641/642
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/26/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1408								
Method: Hydropunch		6.10	0.526	14.6	>999	1.12	0.02	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1255

Sample depth (screened interval) = 641-642'

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 640'.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott L. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB- 50- 662663
Sample Location: VPB- 50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-092601
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/26/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1615								
Method: Hydropunch	DRK GRAY	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1506.

Sample depth (screened interval) = 662-663'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 660'.

Insufficient sample volume to run field parameters.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott A. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-691692
Sample Location: VPB- 50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-042801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/27/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1015								
Method: Hydropunch	Dk Gray	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	1

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0905

Sample depth (screened interval) = 691-692'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 690'.

Insufficient sample volume - could fill only one vial. Sample appears to be contaminated w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-740741
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-052801
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Date: 9/27/01	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Time: 1705								
Method: Hydropunch	SLW/RD	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1554

Sample depth (screened interval) = 740-741'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 740'.

Sample appears to have been cross-contaminated w/ drilling mud.

Circle if Applicable:

MS/MSD —

Duplicate ID No.:

Signature(s):

Scott W. Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-780-781
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-100301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 10/2/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 0930	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	RED/BRN	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 0820.

Sample depth (screened interval) = 780-781'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 780'.

Sample has the appearance of cross-contamination w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB- 50 - 800-801
Sample Location: VPB- 50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-10030
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/2/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1125	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Gray	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1010.

Sample depth (screened interval) = 800-801'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 800'

Insufficient volume to run field parameters - only could fill one vial.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott Neil

Tetra Tech NUS, Inc.

GROUND WATER SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Domestic Well Data
[] Monitoring Well Data
[x] Other Well Type: Vertical Profile Boring
[] QA Sample Type:

Sample ID No.: BP-VPB-50-820821
Sample Location: VPB-50
Sampled By: S. Neil
C.O.C. No.: BP-VPB-100301
Type of Sample:
[x] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 10/2/01	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	
Time: 1440	Visual	Standard	mS/cm	°C	NTU	mg/l	%	
Method: Hydropunch	Red/Gray	—	—	—	—	—	—	

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	TBD
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds (SW846 8260B)	4°C	(2) 40 mL Glass Vials	Z

OBSERVATIONS / NOTES:

Hydropunch advanced to sample depth and screen exposed at 1330.

Sample depth (screened interval) = 820 - 821'.

Screen exposed to formation for 60 minutes.

Depth of borehole prior to advancing hydropunch = 820'.

Insufficient sample volume for field parameters; sample has appearance of cross-contamination w/ drilling mud.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott M. Neil

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-50-240
Sample Location: VPB-50
Sampled By: S. NGIL
C.O.C. No.: BP-092001

Type of Sample:
[X] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

Date: 9/18/01	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: 0833	240'	BROWN	V. FINE GRAINED SAND
Method: SPLIT SPOON			
Monitor Reading (ppm): 2.6			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:	NOT APPLICABLE			
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Total Organic Carbon (Walkley-Black Method)	(1) 4-Ounce Glass Jar		

OBSERVATIONS / NOTES:

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project No.: N4037

[] Surface Soil
[X] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: BP-VPB-SD-340
Sample Location: VPB-SD
Sampled By: S. NEIL
C.O.C. No.: BP-092001

Type of Sample:
[X] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 9/19/01 Time: 1110 Method: SPLIT SPOON Monitor Reading (ppm): 0	340'	GRAY	V. FINE SAND w/ SILT SOME LIGNITE

COMPOSITE SAMPLE DATA:

	Time	Depth	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: Method: Monitor Readings (Range in ppm):	NOT APPLICABLE			

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Total Organic Carbon (Walkley-Black Method)	(1) 4-Ounce Glass Jar		1

OBSERVATIONS / NOTES:

MAP:

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-50
QA Sample Type:

Sample ID Number: BP-TB-091801
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-091901

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 9/18/01
Time: 1230
Method: NA *

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

* Trip blank was prepared by Ecotest and shipped to the site.

Signature(s):

Scott Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-091901
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-092101

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 9/19/01
Time: 1200
Method: NA *

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Lab - supplied trip blank.

Signature(s):

Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-50
QA Sample Type:

Sample ID Number: BP-RB-092101
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-092101

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 9/21/01
Time: 0745
Method: DIRECT FILL FROM HYDROPUNCH

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type: Ground water
Equipment Used: Hydropunch
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	✓

OBSERVATIONS / NOTES:

Signature(s):

Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-50
QA Sample Type:

Sample ID Number: BP-TB-092401
Sampled By: S. NEIL
C.O.C. Number: BP-VPB-092601

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 9/24/01
Time: 1050
Method: LAB-SUPPLIED

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Scott L. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location:
QA Sample Type:

Sample ID Number: BP-TB-092601
Sampled By: S. Neil
C.O.C. Number: BP-VPB-092601

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 9/26/01
Time: 1145
Method: NA *

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

* Trip blank supplied by laboratory.

Signature(s):

Scott W. Neil

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-50
QA Sample Type:

Sample ID Number: BP-RB-092801
Sampled By: S.N FIL
C.O.C. Number: BP-VPB-092801

[] Trip Blank
[] Source Water Blank
[X] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 9/28/01
Time: 1130
Method: DIRECT FILL FROM HYDROPUNCH

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: Grand water
Equipment Used: Hydropunch
Equipment Type:
[] Dedicated
[X] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

Signature(s):

Tetra Tech NUS, Inc.

QA SAMPLE LOG SHEET

Project Site Name: NWIRP Bethpage
Project Number: N4037
Sample Location: VPB-50
QA Sample Type:

Sample ID Number: BP-TB-100101
Sampled By: S. Neil
C.O.C. Number: BP-VPB-100301

[X] Trip Blank
[] Source Water Blank
[] Rinsate Blank
[] Other Blank

SAMPLING DATA:

Date: 10/1/01
Time: 1200
Method: NA *

WATER SOURCE:

[X] Laboratory Prepared
[] Purchased
[] Other
[] Tap
[] Fire Hydrant

PURCHASED WATER INFORMATION (If Applicable as Source or Rinsate Water):

Product Name:
Supplier:
Manufacturer:
Order Number:
Lot Number:
Expiration Date:

RINSATE INFORMATION (If Applicable):

Media Type:
Equipment Used:
Equipment Type:
[] Dedicated
[] Reusable

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatile Organic Compounds	4°C	(2) 40 mL Glass Vials	2

OBSERVATIONS / NOTES:

* Lab-supplied

Signature(s):

214831.00

CHAIN OF CUSTODY RECORD

PROJECT NO.: N4037

SITE NAME: NWIRP Bethpage

SAMPLERS (SIGNATURE): David P. Arcone

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
VPB50	9/13	1430		X	BP-VPB50-5051	2	2						
													PM: Dave Brayack
													412 921-7090

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
David Arcone	9-13 1140	[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: Send 3+ small coolers to NWIRP Bethpage	

VPB50 E-62

(0498)

TETRA TECH NUS

CHAIN OF CUSTODY RECORD

BP-VPB- 091901

PROJECT NO.:	SITE NAME:
N4037	NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. Stein

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	9/17/01	1440		x	BP-VPB-50-150151	2	x						
2	9/17/01	1635		x	BP-VPB-50-201202	2	x						
3	9/17/01	0000		x	BP-VPB-50-DUP1	2	x						DUPLICATE OF BP-VPB-50-150151
4	9/18/01	1140		x	BP-VPB-50-221222	2	x						
5	9/18/01	1230		x	BP-TB-091801	2	x						TRIP BLANK
6	9/18/01	1312		x	BP-VPB-50-242243	2	x						
7	9/18/01	1512		x	BP-VPB-50-261262	2	x						
8	9/18/01	1655		x	BP-VPB-50-282283	2	x						
9	9/19/01	1020		x	BP-VPB-50-301302	2	x						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
Scott W. Stein	9/19/01 1300	NOVA COURIER			
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:	

VPB50 E-63

(0498)

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER BP- 092001

PAGE 1 OF 1

PROJECT NO:	SITE NAME:	PROJECT MANAGER AND PHONE NUMBER	LABORATORY NAME AND CONTACT:
NL1037	NWKP BATTIPAGE	DAN BRAYAK (412) 921-8375	STL - VERONICA BARTOT
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER AND PHONE NUMBER	ADDRESS
Scott W. [illegible]		SCOTT NAGLE (412) 951-7784	4150 WILLIAM PITT WAY
		CARRIER/WAYBILL NUMBER	CITY, STATE
		8243 8235 2930	PITTSBURGH, PA

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☒ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2001	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	TOC	VOCs	Total Solids	TSS	Ca, Cr	TCLP Cd, Cr			COMMENTS
9/18	0833	BP-VPB-50-240	SOIL	G	1	X								
9/19	1110	BP-VPB-50-340	SOIL	G	1	X								
9/19	1820	BP-IDW-AQUEOUS	AQ	C	4		X		X	X				
9/19	1830	BP-TB-092001	AQ	G	2		X							TRIP BLANK
9/20	0645	BP-IDW-ROLLOFF 3	SOIL	C	3		X	X			X			

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Scott W. [illegible]	9/20/01	1830	1. RECEIVED BY FEDEX	9/24/01	1330
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENT

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

3/99

FORM NO. TINUS 001

VPB50 E-64

TETRA TECH NUS

CHAIN OF CUSTODY RECORD

COC# BP-VPB-092101

PROJECT NO.: N4037

SITE NAME: NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	9/19/01	1200		x	BP-TB-091901	2	x						TRIP BLANK
2	↓	1235		x	BP-VPB-50-341342	2	x						
3	↓	1423		x	BP-VPB-50-361362	1	x						INSUFFICIENT SAMPLE VOLUME
4	↓	0000		x	BP-VPB-50-DUP2	2	x						DUPLICATE OF BP-VPB-50-341342
5	↓	1450		x	DM-380	2	x						SAMPLE OF DRILLING MUD @ 380'
~~6~~	~~9/19/01~~	~~1200~~											
6	9/20/01	1015		x	BP-VPB-50-390391	2	x						
7	9/20/01	1155		x	BP-VPB-50-401402	2	x						
8	9/20/01	1545		x	BP-VPB-50-440441	2	x						
9	9/21/01	0745		x	BP-RB-092101	2	x						RINSATE BLANK ON HYDROPUNCH

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott W. [illegible]	9/21/01 1700	NOVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

VPB50 E-65

CHAIN OF CUSTODY RECORD

TETRA TECH NUS

COC # BP-VPB-092601

PROJECT NO.:	SITE NAME:
N4037	NWIRP BETHPAGE

SAMPLERS (SIGNATURE): Scott W. [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	9/24/01	1050		x	BP-TB-092401	2	x						TRIP BLANK
2	9/24/01	1705		x	BP-VPB-SD-520501	2	x						
3	9/25/01	0837		x	BP-VPB-SD-520521	1	x						
4	9/25/01	1130		x	BP-VPB-SD-541054	1	x						
5	9/25/01	1321		x	BP-VPB-SD-561562	1	x						
6	[illegible]	[illegible]		x	BP-VPB-[illegible]								

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
Scott W. [illegible]	9/24/01 1300	NUVA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

VPB50 E-66

CHAIN OF CUSTODY RECORD

TETRA-TECH NUS

COC # BP-VPB-092801

PROJECT NO.:	SITE NAME:
N4037	NWIRP BETHPAGE

SAMPLERS (SIGNATURE): [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	9/26/01	1145		x	BP-TB-092601	2	x						TRIP BLANK
2	9/26/01	1220		x	BP-VPB-50-621622	2	x						
3	9/26/01	1408		x	BP-VPB-50 641642	2	x						
4	9/26/01	1615		x	BP-VPB-50 662663	2	x						
5	9/26/01	0000		x	BP-VPB-50-DUP3	2	x						DUPLICATE OF BP-VPB-50-621622
6	9/27/01	1015		x	BP-VPB-50-691692	1	x						INSUFFICIENT VOLUME FOR 2 VIALS
7	9/27/01	1705		x	BP-VPB-50-740741	2	x						
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	2	x						[illegible]

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[illegible]	9/26/01 [illegible]				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

CHAIN OF CUSTODY RECORD

TETRA TECH NUS

COC# BP-VPB-100301

PROJECT NO.: N01037

SITE NAME: NUWAP Bethpage

SAMPLERS (SIGNATURE): Scott W. Sleid

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs						REMARKS
1	10/1/01	1200		X	BP-TB-100101	2	X						TRIP BLANK
2	10/2/01	0430		X	BP-VPB-SD-780781	2	X						
3	10/2/01	1125		X	BP-VPB-SD-800801	1	X						INSUFFICIENT SAMPLE VOLUME
4	10/2/01	1410		X	BP-VPB-SD-820821	2	X						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
Scott W. Sleid	10/3/01 1300	NUWA			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

(0498)

VPB50 E-68

NWIRP, Bethpage, New York

Total Organic Carbon

Lab Name:	STL PITTSBURGH	**Method:**	MSA WALKLEY-B
Client Name:	TETRA TECH NUS, INC.	**Lot Number:**	C1I210150
Matrix:	SOLID	**Date/Time Received:**	9/21/01 9:10:00AM
		SDG Number:	BP023

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
BP-VPB-50-240	001	EKVN01AA	540	mg/kg	61.3	1	9/24/01 - 9/24/01	1267401
BP-VPB-50-340	002	EKVN61AA	16300	mg/kg	65.0	1	9/24/01 - 9/24/01	1267401

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214831.00 09/19/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/13/01 RECEIVED:09/14/01

SAMPLE: Water sample, BP-VPB50-5051, 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	<2
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.01 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/17/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-150151, 1440

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	3	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	5	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	4	Trichloroethene	ug/L	1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.02 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/17/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-201202, 1635

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.03 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/17/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-DUP1, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	3	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	5	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	4	Trichloroethene	ug/L	1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.04 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-221222, 1140

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214910.05 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-TB-091801, 1230

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.06 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-242243, 1312

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.07 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-261262, 1512

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214910.08 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/18/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-282283, 1655

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214910.09 09/24/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/19/01

SAMPLE: Water sample, BP-VPB-50-301302, 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

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.01 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-TB-091901, 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*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.02 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-341342, 1235

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.03 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-361362, 1423

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.04 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-DUP2, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214967.05 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/19/01 RECEIVED:09/21/01

SAMPLE: Water sample, DM-380, 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	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:214967.06 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/20/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-390391, 1015

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.07 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/20/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-401402, 1155

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.08 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/20/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-VPB-50-440441, 1545

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:214967.09 09/26/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/21/01 RECEIVED:09/21/01

SAMPLE: Water sample, BP-RB-092101, 0745

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215045.01 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/24/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-092401, 1050

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Qauntification based on a single level relative response factor.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:215045.02 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/24/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-500501, 1705

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: Qauntification based on a single level relative response factor.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215045.03 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/25/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-520521, 0937

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: Qauntification based on a single level relative response factor.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215045.04 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/25/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-540541, 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: Qauntification based on a single level relative response factor.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:215045.05 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/25/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-561562, 1324

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: Qauntification based on a single level relative response factor.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215045.06 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/26/01

SAMPLE: Water sample, BP-TB-50-600601, 1025

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.01 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-TB-092601, 1145

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:215096.02 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-621622, 1220

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.03 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-641642, 1408

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.04 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-662663, 1615

ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1
Vinyl Chloride	ug/L	<1
Chloroethane	ug/L	<1
Methylene Chloride	ug/L	<1
Acetone	ug/L	<10
Carbon disulfide	ug/L	<1
1,1 Dichloroethene	ug/L	<1
1,1 Dichloroethane	ug/L	<1
1,2 Dichloroethene	ug/L	<1
Chloroform	ug/L	<1
1,2 Dichloroethane	ug/L	<1
2-Butanone	ug/L	<10
111 Trichloroethane	ug/L	<1
Carbon Tetrachloride	ug/L	<1
Bromodichloromethane	ug/L	<1
1,2 Dichloropropane	ug/L	<1
112 Trichloroethane	ug/L	<1
Benzene	ug/L	<1
Bromoform	ug/L	<1
4-Methyl-2-Pentanone	ug/L	<10
2-Hexanone	ug/L	<10
Tetrachloroethene	ug/L	<1
Toluene	ug/L	<1
1122Tetrachloroethan	ug/L	<1
Chlorobenzene	ug/L	<1

ANALYTICAL PARAMETERS		
Ethyl Benzene	ug/L	<1
Styrene	ug/L	<1
o Xylene	ug/L	<1
m + p Xylene	ug/L	<2
Xylene	ug/L	<3
Bromomethane	ug/L	<1
ter.ButylMethylEther	ug/L	<1
Freon 113	ug/L	<1
Trichlorofluomethane	ug/L	<1
Dichlordifluomethane	ug/L	<1
c-1,3Dichloropropene	ug/L	<1
t-1,3Dichloropropene	ug/L	<1
Trichloroethene	ug/L	<1

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:215096.05 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/26/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-DUP3, 0000

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR_____

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.06 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/27/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-691692, 1015

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.07 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/27/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-VPB-50-740741, 1705

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215096.08 10/02/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:09/28/01 RECEIVED:09/28/01

SAMPLE: Water sample, BP-RB-092801, 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

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215181.01 10/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:10/01/01 RECEIVED:10/03/01

SAMPLE: Water sample, BP-TB-100101, 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*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO:215181.02 10/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:10/02/01 RECEIVED:10/03/01

SAMPLE: Water sample, BP-VPB-50-780781, 0930

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	<1			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO:215181.03 10/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:10/02/01 RECEIVED:10/03/01

SAMPLE: Water sample, BP-VPB-50-800801, 1125

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	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:215181.04 10/08/01

Tetra Tech Nus, Inc.
Foster Plaza VII, 661 Anderson Dr.
Pittsburgh, PA 15220-2745
ATTN: David Brayack PO#00-0504-DB

SOURCE OF SAMPLE: NWIRP, Bethpage Site, #N4037
COLLECTED BY: Client DATE COL'D:10/02/01 RECEIVED:10/03/01

SAMPLE: Water sample, BP-VPB-50-820821, 1440

ANALYTICAL PARAMETERS			ANALYTICAL PARAMETERS		
Chloromethane	ug/L	<1	Ethyl Benzene	ug/L	<1
Vinyl Chloride	ug/L	<1	Styrene	ug/L	<1
Chloroethane	ug/L	<1	o Xylene	ug/L	<1
Methylene Chloride	ug/L	<1	m + p Xylene	ug/L	<2
Acetone	ug/L	<10	Xylene	ug/L	<3
Carbon disulfide	ug/L	<1	Bromomethane	ug/L	<1
1,1 Dichloroethene	ug/L	<1	ter.ButylMethylEther	ug/L	<1
1,1 Dichloroethane	ug/L	<1	Freon 113	ug/L	<1
1,2 Dichloroethene	ug/L	<1	Trichlorofluomethane	ug/L	<1
Chloroform	ug/L	<1	Dichlordifluomethane	ug/L	<1
1,2 Dichloroethane	ug/L	<1	c-1,3Dichloropropene	ug/L	<1
2-Butanone	ug/L	<10	t-1,3Dichloropropene	ug/L	<1
111 Trichloroethane	ug/L	<1	Trichloroethene	ug/L	<1
Carbon Tetrachloride	ug/L	<1			
Bromodichloromethane	ug/L	<1			
1,2 Dichloropropane	ug/L	<1			
112 Trichloroethane	ug/L	<1			
Benzene	ug/L	<1			
Bromoform	ug/L	<1			
4-Methyl-2-Pentanone	ug/L	<10			
2-Hexanone	ug/L	<10			
Tetrachloroethene	ug/L	<1			
Toluene	ug/L	2			
1122Tetrachloroethan	ug/L	<1			
Chlorobenzene	ug/L	<1			

cc:

REMARKS: Results confirmed by reanalysis of second sample vial.

DIRECTOR