2016 OU2 GROUNDWATER INVESTIGATION DATA SUMMARY REPORT VPB167

NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP)
SITE 1 OU2
BETHPAGE, NY

Prepared for:

Department of the Navy
Naval Facilities Engineering Command, Atlantic
9324 Virginia Avenue
Building Z-144
Norfolk, Virginia 23511

March 2017

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DATA SUMMARY REPORT
VPB167

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Prepared for:

Department of the Navy
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9324 Virginia Avenue
Building Z-144
Norfolk, Virginia 23511

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Contract Number: N62470-11-D-8013
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March 2017

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List of Acronyms and Abbreviations

AOC	Area of Concern
bgs	below ground surface
COR	Continuously Operating Reference
CSM	Conceptual Site Model
DoD	Department of Defense
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency, United States
ESS	Environmental Sequence Stratigraphy
ft	feet
GOCO	Government-Owned Contractor-Operated
GPS	Global Positioning System
IDW	Investigation Derived Waste
IR	Installation Restoration
Katahdin	Katahdin Analytical Services
NAD	North American Datum
NAVD	North American Vertical Datum
NAVFAC	Naval Facilities Engineering Command
NG	Northrop Grumman
NWIRP	Naval Weapons Industrial Reserve Plant
NYSDEC	New York State Department of Environmental Conservation
OU	Operable Unit
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PID	Photoionization Detector
POTW	Publicly Owned Treatment Works
PPE	Personal Protective Equipment
SAP	Sampling and Analysis Plan
SVOC	Semivolatile Organic Compounds
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TOC	Total Organic Carbon
UFP	United Federal Programs
VOC	Volatile Organic Compounds
VPB	Vertical Profile Boring

1.0 PROJECT BACKGROUND

Resolution Consultants has prepared this Data Summary Report for the Naval Facilities Engineering Command (NAVFAC), Mid-Atlantic under contract task order WE15 Contract N62470-11-D-8013. This report describes vertical profile boring (VPB) installation activities (specifically at the VPB167 location) in 2016 for the Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage Operable Unit (OU) 2 Site 1 offsite plume. NWIRP Bethpage is located in east-central Nassau County, Long Island, New York, approximately 30 miles east of New York City (Figure 1).

1.1 Scope and Objectives

This data summary report provides information on the installation of VPB167. The purpose of the VPB167 investigation was to ascertain subsurface conditions and contaminant levels upgradient of the Massapequa Water District. VPB locations within the general vicinity of VPB167 are shown in Figure 2. VPB167 was completed to 1010 feet (ft) below ground surface (bgs).

Field tasks were conducted in 2016 in accordance with the *United Federal Programs Sampling and Analysis Plan (UFP SAP)*, Bethpage, New York (Resolution Consultants, 2013a) and the *UFP SAP Addendum Installation of Vertical Profile Borings and Monitoring Wells* (Resolution Consultants, 2013b). The field investigation included completing one vertical profile boring, groundwater grab samples, geophysical logging, and surveying.

Documentation of these activities is included in Appendix A of this report.

1.2 Site History

NWIRP Bethpage is in the Hamlet of Bethpage, Town of Oyster Bay, New York. Since its inception in 1941, the plant's primary mission was the research, prototyping, testing, design, engineering, fabrication, and primary assembly of military aircraft. The facilities at NWIRP included four plants used for assembly and prototype testing, a group of quality control laboratories, two warehouse complexes (north and south), a salvage storage area, water recharge basins, the Industrial Wastewater Treatment Plant, and several smaller support buildings.

The Navy's property originally totaled 109.5 acres and was formerly a Government-Owned Contractor-Operated (GOCO) facility that was operated by Northrop Grumman (NG) until September 1998. Prior to 2002, the NWIRP property was bordered on the north, west, and south by current or former NG facilities, and on the east by a residential neighborhood. By March 2008, approximately 100 acres of NWIRP property were transferred to Nassau County in three separate

actions. The remaining 9 acres and access easements were retained by the Navy to continue remedial efforts at Installation Restoration (IR) Site 1 – Former Drum Marshalling Area and Site 4 – Former Underground Storage Tanks (Area of Concern [AOC] 22). A parcel of land connecting the two sites was also retained. Currently, the 9-acre parcel of NWIRP is bordered on the east by a residential neighborhood and on the north, south, and west by Steel Equities; however, a small portion near Sites 2 and 3 is still owned by Nassau County. Access to the NWIRP is from South Oyster Bay Road.

1.3 Geology and Hydrogeology

Overburden at the site consists of well over 1,000 ft of unconsolidated deposits overlying crystalline bedrock of the Hartland Formation. Overburden is divided into four geologic units: the upper Pleistocene deposits, the Magothy Formation, the clay member of the Raritan Formation ("Raritan Clay") and the Lloyd Sand member of the Raritan Formation ("Lloyd Sand") (Geraghty and Miller, 1994).

The upper Pleistocene ranges in thickness from approximately 50 to 100 ft and consists of till and outwash deposits of medium to coarse sand and gravel with lenses of fine sand, silt and clay (Smolensky and Feldman, 1988); these deposits form the Upper Glacial Aquifer. Directly underlying this unit is the Magothy Formation with a thickness of 650 to 900 ft that extends to a depth of 700 to 1,000 ft bgs, as observed at the former NWIRP and extending southeast to areas south of Southern State Parkway. Locally at VPB167, the bottom of the Magothy (top of the Raritan Clay) is encountered at approximately 998 feet bgs. The Magothy is characterized by fine to medium sands and silts interbedded with zones of clays, silty sands and sandy clays. Sand and gravel lenses are found in some areas between depths of 600 and 880 ft bgs; these deposits form the main producing zones of the Magothy Aquifer

Investigations performed by the Navy since 2012 indicate that the bottom of the Magothy (top of the Raritan Clay) can extend to depths of 700 to greater than 1,000 ft bgs. The top of the Raritan Clay deepens to the south-southeast, as evidenced by clay depths of 1,000 ft bgs (or more) in borings installed offsite. The Raritan Clay Unit is of continental origin and consists of clay, silty clay, clayey silt, and fine silty sand. This member acts as a confining layer over the Lloyd Sand Unit. The Lloyd Sand Unit is also of continental origin, having been deposited in a large fresh water lacustrine environment. The material consists of fine to coarse-grained sands, gravel, inter-bedded clay, and silty sand. These deposits form the Lloyd Aquifer.

The Upper Glacial Aquifer and the Magothy Aquifer comprise the aquifers of interest at the NWIRP. Regionally, these formations are generally considered to form a common, interconnected aquifer as the coarse nature of each unit near their contact and the lack of any regionally confining clay unit allows for the unrestricted flow of groundwater between the formations.

The Magothy Aquifer is the major source of public water in Nassau County. The most productive water bearing zones are the discontinuous lenses of sand and gravel that occur within the siltier matrix. The major water-bearing zones are coarse sand and gravel lenses located in the lower portion of the Magothy. The Magothy Aquifer is commonly regarded to function overall as an unconfined aquifer at shallow depths and a confined aquifer at deeper depths. The drilling program at the NWIRP has revealed that clay zones beneath the facility are common but laterally discontinuous. No confining clay units of facility-wide extent have been encountered. This is also the case for borings installed offsite.

Groundwater is encountered at a depth of approximately 50 ft bgs at the facility. Historically, because of pumping and recharge at the facility, groundwater depths have been measured to range from 40 to 60 ft bgs. The groundwater flow in the area is to the south-southeast.

Resolution Consultants reviewed the geologic data and regional literature and developed four representative base-wide cross sections to support development of a Conceptual Site Model (CSM). A description of the application of Environmental Sequence Stratigraphy (ESS) and the results are provided in Appendix B.

2.0 FIELD PROGRAM

Field investigation activities at VPB167 consisted of drilling, sampling, soil/groundwater analysis, geophysical logging, and surveying. Drilling during this investigation was performed by Delta Well and Pump Company of Ronkonkoma, New York. A description of these tasks is provided below.

2.1 Vertical Profile Borings

One vertical profile boring (VPB167) was completed during this field effort between March 14, 2016 and May 12, 2016. The total depth of VPB167 was 1010 ft. The location is shown in Figure 2 and details are summarized in Table 1.

2.1.1 Drilling

VPB 167 was installed by drilling an 8-inch diameter hole using mud rotary drilling techniques. Drilling mud consisted of potable water and polymer-free sodium bentonite or equivalent material. Drilling mud was contained and re-circulated in baffled, high capacity mud tubs. A sand separator was used intermittently to remove fines from circulation.

2.1.2 Sampling

A total of twelve (12) split spoon samples were collected from ground surface to the bottom of the boring. A change in geology was observed by the field geologist at 998 ft bgs and three (3) split spoon samples were subsequently collected to confirm the presence of the Raritan Clay. Samples were logged by the field geologist and screened for Volatile Organic Compounds (VOCs) utilizing a photoionization detector (PID). A detailed boring log for VPB167 is included in Appendix A.

Groundwater grab samples were collected every 50 ft for the first 200 ft of borehole depth. After the first 200 ft, groundwater grab samples were collected approximately every 20 ft until the boring terminated in the Raritan. Groundwater grab samples were collected with a hydropunch sampler and analyzed for VOCs using Environmental Protection Agency (EPA) Method 8260C. The groundwater grab samples were analyzed by Katahdin Analytical Services (Katahdin), a Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP), and New York State Department of Environmental Conservation (NYSDEC)-certified laboratory. During the collection of groundwater grab samples, field parameters were measured (pH, temperature, specific conductivity, oxidation reduction potential, dissolved oxygen, and turbidity). Data validation was performed by Resolution Consultants. Groundwater grab sample logs, data validation packages, and analytical data tables are included in Appendix A.

One soil sample was collected for laboratory analysis for total organic carbon (TOC) by EPA series SW-846 method 9060A. During drilling, air sampling was conducted under a Community Air Monitoring Plan. One air sample was collected using a Summa canister and submitted for laboratory analysis by EPA Method TO-15. All analyses were performed or sub-contracted by Katahdin. Data validation of both TOC and air data was performed by Resolution Consultants. Data validation packages and analytical data tables are included in Appendix A.

2.1.3 Geophysics

Borehole geophysical logs (gamma) were recorded after the borehole was drilled but prior to the removal of drill rods. A Mount Sopris Instrument model 2PGA-100 poly gamma was used. Starting at the top of the hole, the probe was advanced at a maximum rate of 12 ft per minute. A copy of the log was printed in the field for review once the probe reached the bottom of the borehole. The instrument was then raised to the top of the boring and a second log was generated and printed in the field. The down hole gamma log sheets and plots comparing the gamma log with trichloroethene (TCE) and tetrachloroethene (PCE) concentrations from hydropunch samples are included in Appendix A.

2.2 Decontamination and Investigation Derived Waste (IDW)

Resolution Consultants utilized dedicated and disposable sampling equipment when possible to avoid the potential for cross-contamination of samples. The sampling equipment included dedicated plastic scoops, disposable Teflon or polyethylene tubing, disposable gloves, and laboratory supplied sample bottles. Hand held equipment, split spoons, and the hydropunch were decontaminated using Luminox and water wash, a potable water rinse, followed by a distilled water rinse. Water was collected in 5-gallon pails or 55-gallon drums.

As part of the IDW management practices and in accordance with the SAP, the investigation waste (consisting of soil cuttings, drilling muds, IDW fluids, and personal protective equipment [PPE]) generated during the boring installation was containerized and staged at NWIRP Bethpage. IDW solids were characterized and disposed of properly. Representative samples from each roll off were submitted to Katahdin for analysis of:

- Target Compound List (TCL) VOCs
- TCL Semi-volatile Organic Compounds (SVOCs)
- Toxicity Characteristic Leaching Procedure (TCLP) Metals

- Polychlorinated Biphenyls (PCBs)
- Total petroleum hydrocarbons
- Corrosivity
- Ignitability
- Reactive Cyanide
- Reactive Sulfide
- Paint Filter

IDW water was containerized in frac tanks and stored at NWIRP Bethpage for characterization and ultimate disposal to the Publicly Owned Treatment Works (POTW), in accordance with the facilities existing discharge permit. A representative water sample was collected from each frac tank and submitted to Katahdin for analysis of VOCs via Method SW 624, pH via Method SW 9040B, PCBs via Method 8082 and Total Metals via Method SW 846. To the extent feasible, soil and water were not mixed. All analytical criteria were met for disposal of soil and water.

2.3 Surveying

A survey of the boring location was conducted at the end of fieldwork by C. T. Male, Inc., of Latham, NY, under the direct supervision of Resolution Consultants. The location was tied into the existing base map developed for this investigation. The survey elevation is referenced to the North American Vertical Datum (NAVD) 1988 and has a vertical accuracy of 0.01 foot. Vertical control is based on observations of the Continuously Operating Reference (COR) Stations Queens and Central Islip. The horizontal location is referenced to the North American Datum (NAD) 1983 (2011) N.Y. Long Island Zone 3104 and has an accuracy of 0.1 foot. Local horizontal and vertical control is based on Global Positioning System (GPS) observations using the NYS Net Real Time Network.

A table of survey data (ground, latitude/longitude and northing/easting) and a survey map is included in Appendix A.

3.0 REFERENCES

Geraghty and Miller, Inc., 1994. *Remedial Investigation Report, Grumman Aerospace Corporation, Bethpage, New York*. Revised September 1994.

Naval Facilities Engineering Command (NAVFAC), 2003. *Record of Decision Naval Weapons Industrial Reserve Plant Bethpage, New York, Operable Unit 2 – Groundwater*, NYS Registry: 1-30-003B. April.

Resolution Consultants, 2013a. *United Federal Programs Sampling and Analysis Plan*, *Site OU-2 Offsite TCE Groundwater Plume Investigation,* NWIRP, Bethpage, New York. April.

Resolution Consultants, 2013b. *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells.* NWIRP, Bethpage, New York. December.

Smolensky, D., and Feldman, S., 1988. *Geohydrology of the Bethpage-Hicksville-Levittown Area, Long Island, New York, U.S*. Geological Survey Water-Resourced Investigations Report 88-4135, 25 pp.

Tables

TABLE 1
VERTICAL PROFILE BORING SUMMARY
2016 OU2 GROUNDWATER INVESTIGATION
NWIRP BETHPAGE, NY

BORING	BORING START DATE	BORING COMPLETION DATE	GROUND ELEVATION (MSL)	TOTAL DEPTH (ft bgs)	SURFACE CASING SET AT (ft bgs)	NO. OF SPOON SAMPLES	GAMMA LOG (ft bgs)	NO. GW SAMPLES COLLECTED / DUPLICATES / ATTEMPTED	TOC SAMPLE DEPTH (ft bgs)	DATE OF AIR SAMPLE	MONITORING WELLS INSTALLED AT LOCATION
VPB167	3/14/2016	5/12/2016	48.85	1010	53	12	1008	42*/2/5	563-565	4/27/2016	RE133D1, RE133D2

MSL - mean sea level
ft bgs - feet below ground surface
GW - Groundwater
TOC - Total Organic Carbon
*42 samples collected; 1 sample (858-860 ft bgs) lost to breakage.

Figures

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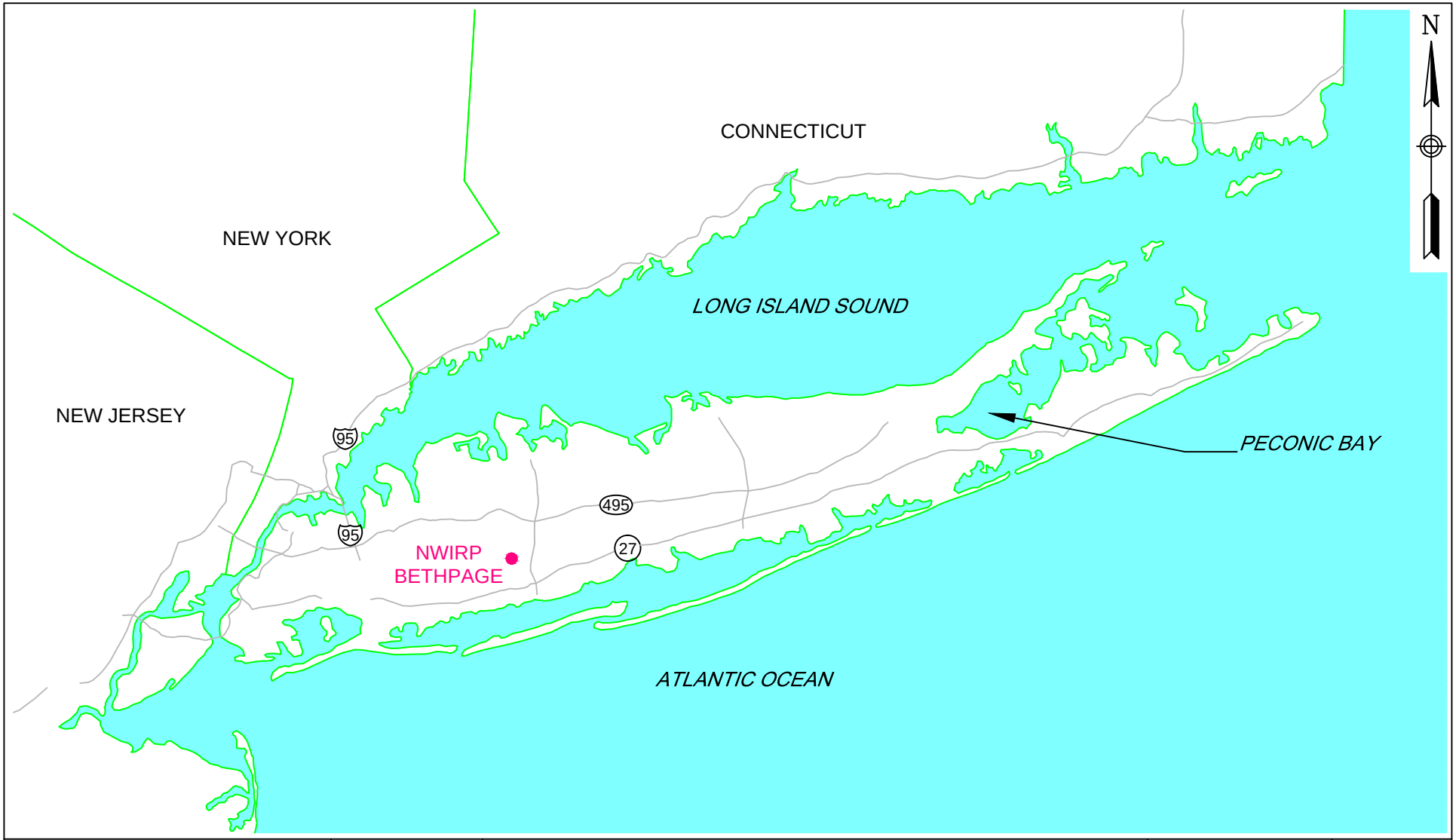


0 15 30

SCALE IN MILES

NAVFAC

GENERAL LOCATION MAP
NWIRP BETHPAGE
BETHPAGE, NEW YORK

CONTRACT NUMBER	CTO NUMBER
N62470-11-D-8013	WE15
APPROVED BY --	DATE --
APPROVED BY --	DATE --
FIGURE NO. 1	REV 0

F:\Projects\Navy\Bethpage WXE0817.0_Deliverables\7.2_CADD\GIS_files\Bethpage\MAP DOCS\MXD\MISC\Location Maps\F2_VPB167 2016 08 22 R1.mxd

Former Naval Weapons Industrial Reserve Plant

Former Northrop Grumman Site

Bethpage

Old Bethpage

Plainedge

South Farmingdale

Levittown

North Wantagh

Massapequa

State Hwy 135

Southern State Pkwy

Hempstead Tpke

Broadway

Stewart Ave

Powell Ave

Central Ave

Hicksville Rd

Wantagh Ave

Seamans Neck Rd

Union Ave

Miller Pl

Plaidview Rd

Quaker Meeting House Rd

Access Rd

Merritts Rd

Bethpage State Pkwy

Motor Ave

Fulton St

Conklin St

Meadow Ln

Appletree Ln

Bayberry Ln

Arthur Ave N

Arthur Ave W

Wolkow Ave

Demont Rd

Daleview Ave

Wicks Ave

Howard Ave

Gold St

Stuart Pl

Bruce Pl

Jerome St

Crestline Pl

Douglas Pl

Gail Dr

Sylvia Rd

Day St

Briarwood Ave

David Pl

Eve Dr

Aiken Ave

Jerusalem Ave

N Jerusalem Rd

S Broadway

Hicksville Rd

Merritts Rd

PWD-7438

BWD-6915

BWD-6916

BWD-8941

BWD-3876

BWD-8004

SFWD-7377

SFWD-5148

SFWD-4043

SFWD-6150

SFWD N-8664

SFWD N-8665

ANY-8480

ANY-9338

LWD 8279

LWD 7525

LWD-5303

RW3-MW3

RW3-MW4

RW3-MW1

RW3-MW2

RW-3

RW2-MW1

RW1-MW3

RW1-MW1

RW1-MW2

RW-1

BPOW1-1 BPOW1-2 BPOW1-3 BPOW1-4 BPOW1-5 BPOW1-6

BPOW2-1 BPOW2-2 BPOW2-3

BPOW3-1 BPOW3-2 BPOW3-3 BPOW3-4

BPOW4-1R BPOW4-2R

BPOW5-1 BPOW5-2 BPOW5-3 BPOW5-4 BPOW5-5 BPOW5-6 BPOW5-7

BPOW6-1 BPOW6-2 BPOW6-3 BPOW6-4 BPOW6-5 BPOW6-6

VPB123 VPB124 VPB125 VPB126 VPB127 VPB128 VPB129 VPB130 VPB131 VPB132 VPB133 VPB134 VPB135 VPB136 VPB137 VPB138 VPB139 VPB140 VPB141 VPB142 VPB143 VPB144 VPB145 VPB146 VPB147 VPB148 VPB149 VPB150 VPB151 VPB152 VPB153 VPB154 VPB155 VPB156 VPB157 VPB158 VPB159 VPB160 VPB162 VPB163 VPB164 VPB165 VPB166 VPB167 VPB168 VPB170

VPB43 VPB44 VPB45 VPB46 VPB47 VPB48 VPB50 VPB51 VPB77 VPB104 VPB110 VPB110R VPB117 VPB118 VPB119 VPB122 VPB38 VPB39 VPB40 VPB76

RE103D1 RE103D2 RE103D3

RE104D1 RE104D2 RE104D3

RE105D1 RE105D2

RE107D1 RE107D2 RE107D3

RE108D1 RE108D2

RE114D1 RE114D2 RE114D3

RE117D1 RE117D2

RE118D1

RE119D1

RE120D1 RE120D2 RE120D3

RE121D1 RE121D2

RE122D1 RE122D2 RE122D3

RE123D1 RE123D2 RE123D3

RE129D1 RE129D2

RE130D1 RE130D2

RE131D1 RE131D2 RE131D3

RE133D1 RE133D2

RW RE108

VPB RE108

TT101D TT101D1 TT101D2

TT102D TT102D2

TT303S TT303I TT303D

TT305D TT305I TT305S

TT307S TT307I TT307D

GM-13D GM-15S GM-15I GM-15D GM-16SR GM-16I GM-17SR GM-17I GM-17D GM-18S GM-18I GM-18D GM-19S GM-19I GM-20I GM-20D GM-21S GM-21I GM-21D GM-23S GM-23I GM-23D GM-32S GM-33D2 GM-34D GM-34D2 GM-35D2 GM-36D2 GM-36D GM-37D GM-37D2 GM-38D GM-38D2 GM-39D GM-39D2 GM-41S GM-41I GM-41D GM-41D2 GM-70D2 GM-71D2 GM-73D GM-73D2 GM-73D3 GM-74I GM-74D GM-74D2 GM-74D3 GM-75D2 GM-78S GM-78I GM-79I GM-79D

HN-24S HN-24I HN-28S HN-28I HN-29S HN-29I HN-29D HN-40I HN-40S HN-41N HN-41S HN-42S HN-42I

MW-1GF MW-2 MW-2GF MW-3 MW-3R MW-4 MW-5 MW-6 MW-53D2 MW-58D MW-58D1 MW-58D2 MW-66D2 MW-67S MW-67D MW-68S MW-68D MW-72D1 MW-72D2 MW-73D2 MW-75D2 MW-77D1 MW-77D2 MW-85I MW-85D2 MW-86D1 MW-86D2 MW-89D2 MW-100-1 MW-100-2 MW-100-3 MW-102-1 MW-107-1 MW-108-1 MW-109-3 MW-111-4 MW-116-5 MW-117-5 MW-118-5 MW-200-1 MW-202-1 MW-203-1

N-9921 N-10597 N-10600 N-10624 N-10627 N-10628 N-10631 N-10633 N-10634 N-10821

WELL 1 WELL 3 WELL 17 WELL 18 WELL 19

VPB141 VPB167

Inset: VPB167 Location

0 375 750 Feet

0 750 1,500 3,000 Feet

Legend

- Monitoring Well
- Vertical Profile Boring
- Vertical Profile Boring - Proposed
- Water Supply Well
- Extraction Well

NAVFAC

VPB167 LOCATION MAP
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

CONTRACT NUMBER	CTO NUMBER
N62470-11-D8013	WE15
APPROVED BY: PS	DATE: 8/22/2016
APPROVED BY: —	DATE: —
FIGURE NO.: 2	REV: 0

Appendix A

VPB167

Section 1

VPB167 Boring and Gamma Logs

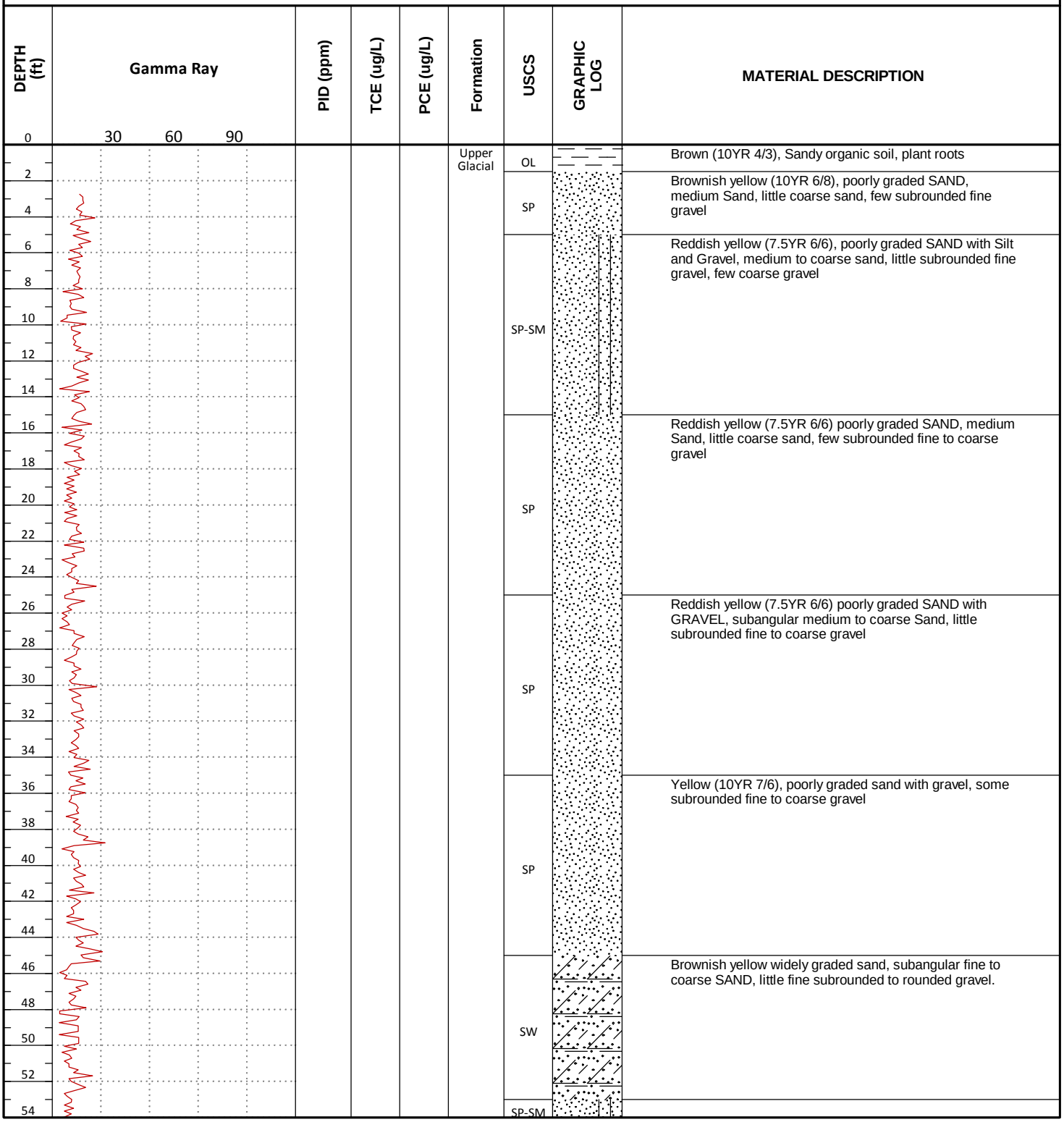
Resolution Consultants

Boring Log

BORING #: VPB167
Sheet 1 of 17

Client: Department of the Navy, Naval Facilities Engineering Command, Mid-Atlantic		**Logged By:** V. Thayer (see note)
Location: Howard & Wicks Ave, Town of Hempstead, NY	**Northing:** 193959.30 **Easting:** 1126194.17	**Drilling Company:** Delta Well & Pump
Project #: 60266526	**Ground Elevation (ft amsl):** 48.85	**Well Screen Interval (ft):** NA
Start Date: 3/14/2016	**Drilling Method:** Auger (0-50' bgs) Mud Rotary (>50' bgs)	**Water Level (ft):** NA
Finish Date: 5/12/2016		**Total Depth (ft):** 1010.0

Mud Rotary Drilling Note: Unless denoted by a splitspoon sample (indicated by the presence of a PID reading), boundaries between strata are approximate and may be transitional because they are based on screened wash samples collected during mud rotary drilling at 5 ft. intervals.

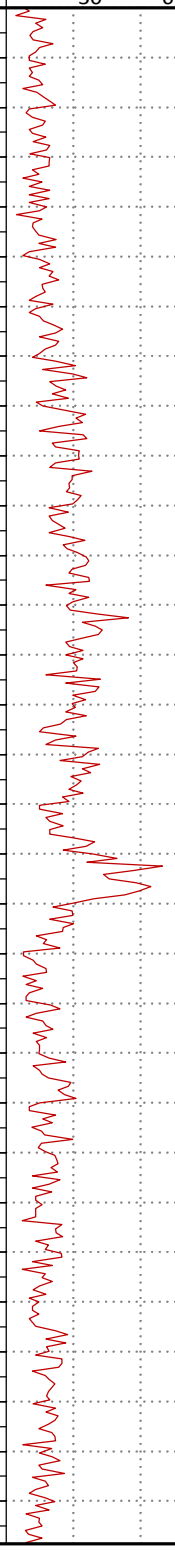


(Continued Next Page)

Resolution Consultants

Boring Log

BORING #: VPB167
Sheet 2 of 17



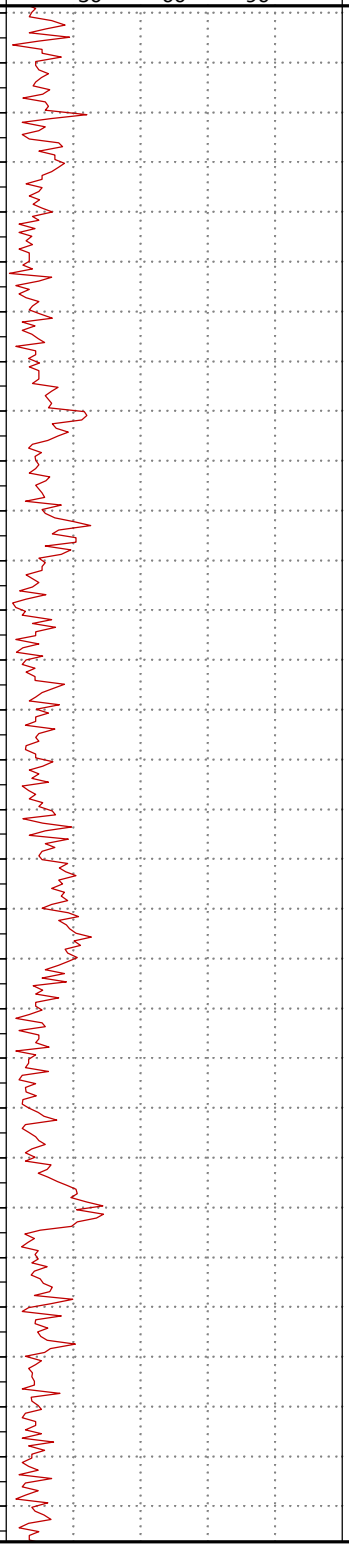
PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
			Upper Glacial	SP-SM		Light yellowish brown 10YR 6/4 Widely Graded Sand with Silt and Gravel, fine to coarse sand, little subrounded fine gravel, little fines. *(continued)*
	<0.50	<0.50		GP		Reddish yellow (7.5YR 6/6) poorly graded GRAVEL with sand, subrounded fine gravel, few fine to coarse sand.
				GP		Reddish yellow (7.5YR 6/8) poorly graded fine subrounded GRAVEL with some fine to coarse Sand
				SP-SM		Brown (10YR 4/3) well graded fine to coarse subangular SAND mixed with few Silt, trace poorly graded fine subrounded gravel
				GP		Very pale brown (10YR 7/4) poorly graded subrounded GRAVEL, few fine sand
				SW		Yellowish brown (10YR 5/6) poorly graded fine to coarse subangular SAND, few silt
				CL		Black (11 YR 2/1) Lean CLAY with some lignite and trace poorly graded subrounded Gravel
				SP		Dark grey (10YR 4/1) poorly graded fine to medium SAND, trace lean Clay and lignite
	<0.50	<0.50		SP		Dark grey (10YR 4/1) poorly graded fine to medium SAND, trace lean Clay, trace lignite, trace coarse subrounded sand
			Magothy	SP		Gray (10YR 5/1) poorly graded fine to medium SAND, trace lean Clay, trace lignite
				SW		Gray (10YR 5/1) well graded fine to coarse subrounded SAND, trace Lignite, trace lean clay
				SW		Gray (10YR 5/1) well graded fine to coarse subrounded SAND with Lignite, trace subrounded gravel, trace lean clay

(Continued Next Page)

Resolution Consultants

Boring Log

BORING #: VPB167
Sheet 3 of 17



DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	MATERIAL DESCRIPTION
116				Magothy	SW	
118						
120					SM	Dark gray (10YR 4/1) SILTY SAND, subangular medium Sand, little fine sand, trace coarse sand, lignite, 25% fines (silt)
122						
124					SP-SM	Dark gray (10YR 4/1) poorly graded SAND with Silt, angular medium sand, few subrounded fine gravel, few silt
126						
128					SP	Gray (7.5YR 5/1) poorly graded SAND, subrounded medium to coarse Sand, trace gravel
130						
132						
134						
136						
138						
140					SP	Grayish brown (10YR 5/2) poorly graded SAND, subangular medium to coarse Sand, trace subrounded fine gravel, trace silt
142						
144					SP	Gray (10YR 5/1) poorly graded SAND
146						
148						
150		<0.50	<0.50			
152						
154					SP	Gray (10YR 5/1) poorly graded SAND, medium Sand, lignite, pyrite nodule, trace gravel, trace silt
156						
158						
160					SP	Gray (10YR 5/1) poorly graded SAND, medium Sand, little fine sand, trace fines
162						
164						
166						
168						
170					SP-SM	Gray (7.5YR 5/1) Sand with SILT, subangular medium Sand, little fine sand, few to little silt, muscovite and lignite flakes, pyrite concretion
172						
174					SP	Gray (7.5 YR 5/1) poorly graded SAND with SILT, subangular medium Sand
176						

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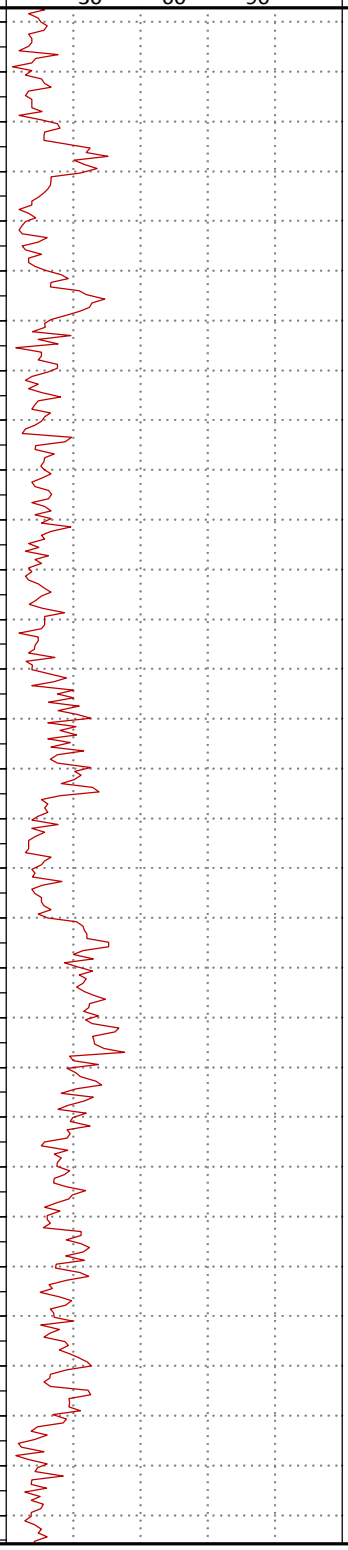

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
178				Magothy			
180					SM		Dark gray (10YR 4/1) SILTY SAND, subangular medium Sand, lignite and muscovite flake
182							
184							
186							
188							
190					SM		Dark gray (10YR 4/1) SILTY SAND, angular medium Sand, little fine sand, lignite flakes, muscovite flakes, silt (30-40%)
192							
194					SP		Gray (10YR 6/1) poorly graded SAND, subangular medium Sand
196							
198							
200		<0.50	<0.50		SP		Gray (10YR 6/1) poorly graded SAND, fine to medium sand, lignite flakes, one thin interbedded clay layer
202							
204					SP-SM		Dark gray (10YR 4/1) poorly graded SAND with Silt, subangular medium Sand, trace coarse sand, silt (15%), muscovite flakes, lignite flakes
206							
208					SP		Dark gray (7.5YR 4/1) poorly graded SAND, angular medium Sand, trace coarse sand, lignite flakes, trace silt
210							
212							
214					SM		Very dark gray (7.5YR 3/1) SILTY SAND, fine to medium Sand, lignite flakes, 50% fines
216							
218							
220		<0.50	<0.50		ML		Dark gray (2.5Y 4/1) SANDY SILT angular medium Sand (60% silt), lignite, interbedded silt or clay
222							
224					ML		Dark gray 2.5Y 4/1) SANDY SILT
226							
228							
230					ML		Dark gray (2.5Y 4/1) SANDY SILT, lignite
232							
234					ML		Dark gray (2.5Y 4/1) SANDY SILT, angular medium SAND, lignite. 50%silt
236							
238							
		<0.50	<0.50		SM		

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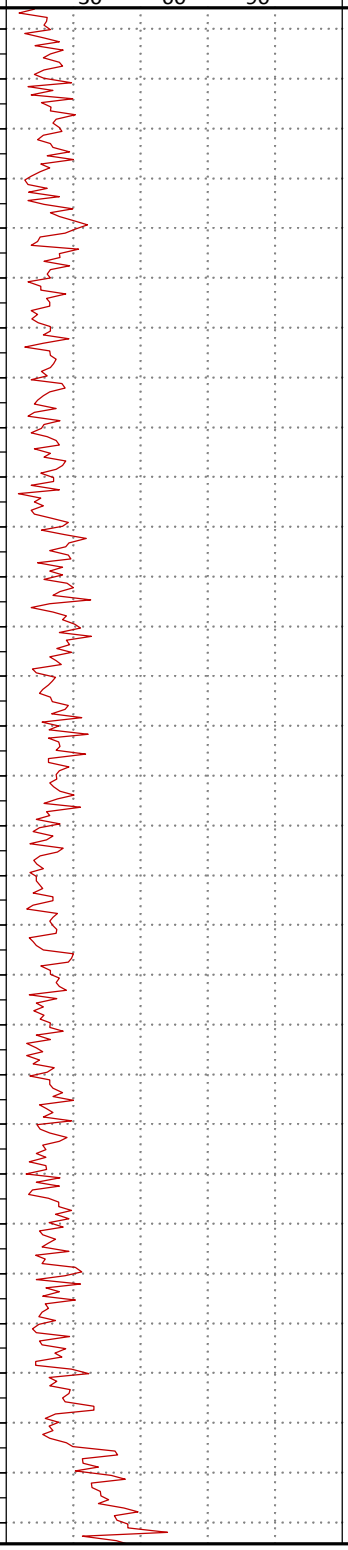

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
240		<0.50	<0.50	Magothy	SM		Very dark gray (Gley 3/1) SILTY SAND interbedded with SILT on CLAY *(continued)*
242							
244					SP-SM		Dark gray (Gley 1 4/1) poorly graded SAND with SILT
246							
248							
250					SP-SM		Dark gray (Gley 1 4/1) poorly graded SAND with Silt, subangular medium Sand, interbedded lignite, clay or silt (15-20% fines), pyrite replacement in lignite
252							
254					SP		Dark gray (Gley 1 4/1) poorly graded SAND, subangular medium Sand, muscovite flakes, pyrite replacement in several chunks of lignite
256							
258							
260		<0.50	<0.50		SM		Dark gray (5Y 4/1) SILTY SAND, angular medium Sand, little fine Sand, 30% lignite, (40-50% silt)
262							
264					SP-SM		Dark gray (5Y 4/1) SAND with SILT, angular medium Sand, pyrite concretions, 15% silt
266							
268							
270					SP-SC		Dark gray (10YR 4/1) poorly graded SAND with SILT, interbedded thin layer of clay /silt, lignite flakes
272							
274					SP-SM		Dark gray (10YR 4/1) poorly graded SAND with SILT, angular medium Sand, little fine sand, silt (10-15%), pieces of lignite
276							
278							
280		<0.50	<0.50		SP		Very dark gray (2.5Y 3/1) poorly graded SAND, medium Sand
282							
284					SP-SM		Very dark gray (2.5Y 3/1) poorly graded SAND with SILT, angular medium Sand, few silt 5-10%, lignite pieces, a few muscovite flakes
286							
288							
290					SP-SM		Very dark gray (2.5Y 3/1) poorly graded SAND with SILT, angular fine to medium Sand, lignite flakes, muscovite flakes
292							
294					SM		Very dark gray (10YR 3/1) SILTY SAND, few lenses of interbedded clay/silt, lignite. Muscovite flakes
296							
298							
300		<0.50	<0.50		SM		Very dark gray (10YR 3/1) SILTY SAND, fine to medium Sand, few lenses of interbedded clay /silt (45%), lignite, muscovite flakes

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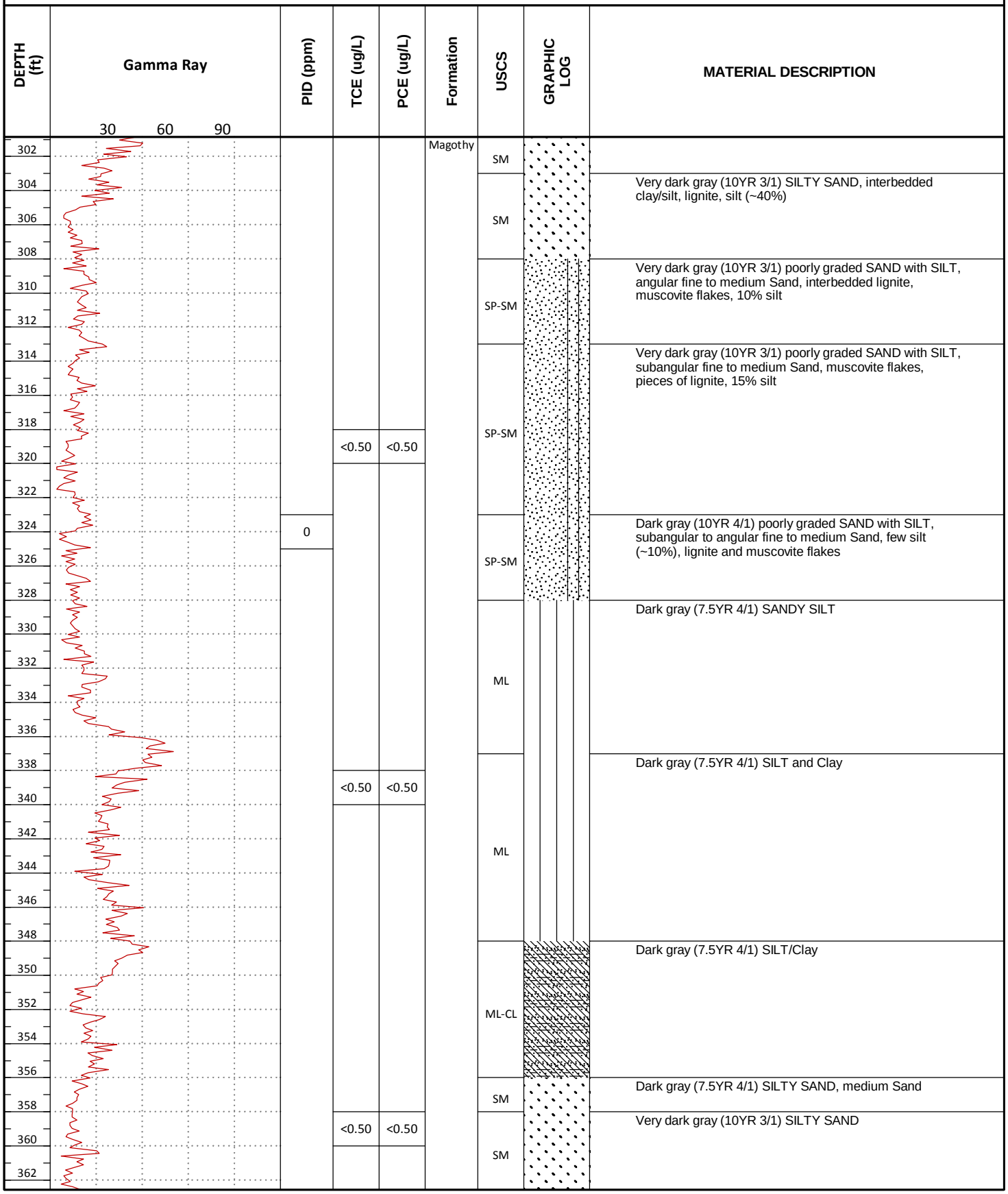

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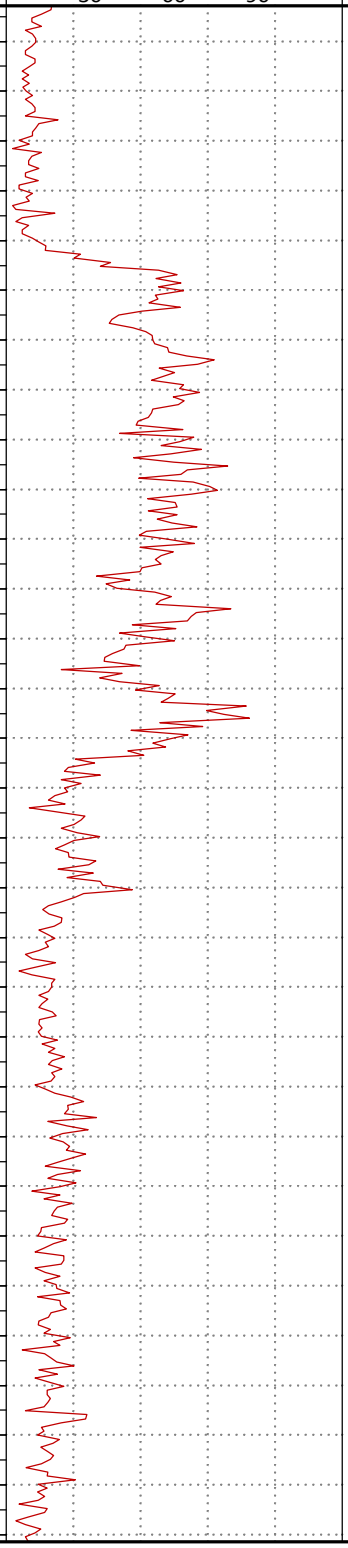

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
364				Magothy	SP-CL		Dark gray (7.5YR 4/1) poorly graded SAND, a few interbedded Silt and Clay layers
366							
368							
370					SP		Gray (10YR 5/1) poorly graded SAND, medium Sand, lignite, muscovite flakes
372							
374					SP-SM		Dark gray (7.5YR 4/1) poorly graded SAND with SILT, interbedded silt/clay layer
376							
378							
380		<2.5	<2.5		ML-CL		Dark gray (7.5YR 4/1) SILT/CLAY
382							
384							
386							
388							
390							
392							
394					CL-SM		Dark gray (7.5YR 4/1) SILT/CLAY, interbedded with Silty Sand
396							
398							
400		<0.50	<0.50		SM		Dark gray (Gley 1 4/1) SILTY SAND, subangular fine to medium Sand, lignite. 40% silt
402							
404					SM		Dark gray (Gley 1 4/1) SILTY SAND, subangular medium Sand, little fine sand, lignite, 15% silt
406							
408							
410					SP-SM		Dark gray (Gley 1 4/1) SAND with SILT
412							
414					SP-SM		Dark gray (Gley 1 4/1) SAND with SILT, medium Sand, little fine sand, lignite flakes, 10-15% silt (fines)
416							
418							
420		<0.50	<0.50		SP		Gray (7/5YR 5/1) poorly graded SAND, angular medium Sand, little fine sand, trace silt (~15%)
422							
424					SP-SM		Gray (7.5YR 5/1) poorly graded SAND with SILT

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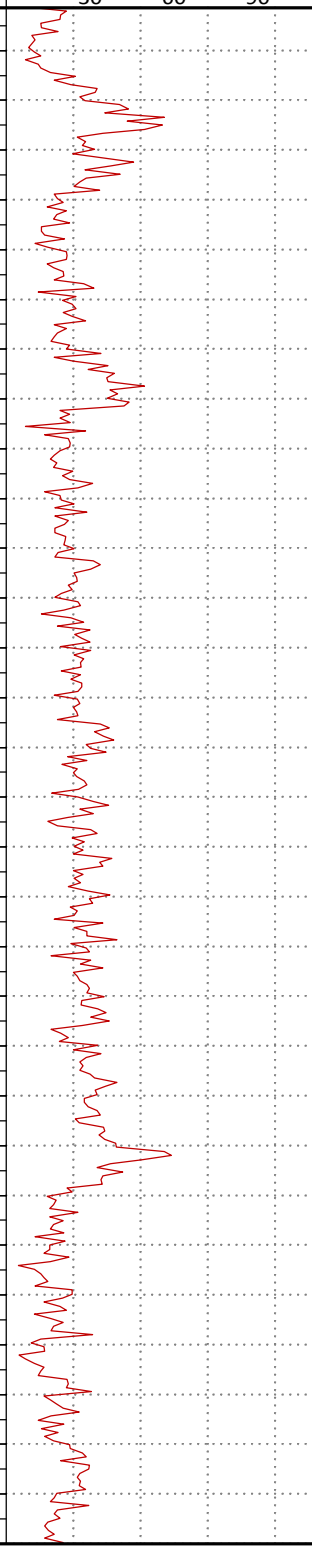

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
426				Magothy	SP-SM		Gray (7.5YR 5/1) poorly graded SAND with SILT *(continued)*
428					SP-SM		Gray (7.5YR 5/1) poorly graded SAND with SILT, medium Sand, 10-15% silt (fines)
430					SP-SM		Dark gray (Gley 1 4/1) poorly graded SAND with SILT, angular medium Sand, 10% silt
432							
434							
436							
438							
440		<0.50	<0.50		SM		Dark gray (Gley 1 4/1) SILTY SAND, angular medium Sand, lignite. muscovite flakes. 40% silt (fines)
442							
444					SP-SM		Dark gray (Gley 1 4/1) poorly graded SAND with SILT, medium Sand, pyrite concretion, 10-15% silt (fines)
446							
448							
450					SP-SM		Dark gray (7.5YR 4/1) poorly graded SAND with SILT, medium Sand, little fine sand, lignite, muscovite flakes, 10% fines (silt)
452							
454					SP-SM		Dark gray (7.5YR 4/1) poorly graded SAND with SILT, subangular medium Sand, lignite flakes, muscovite flakes, silt or fines (10-15%)
456							
458							
460		<0.50	<0.50		SM		Gray (10YR 6/1) SILTY SAND, lignite flakes
462							
464	0				SM		Gray (10YR 6/1) SILTY SAND, fine Sand, muscovite flakes, 20% silt
466					SM		Gray (10YR 6/1) SILTY SAND
468							
470					SM		Dark gray (7.5YR 4/1) SILTY SAND, fine to medium Sand, silt (30%)
472							
474					SP-SM		Gray (7.5YR 5/1) poorly graded SAND with SILT, subangular medium Sand, 10-15% silt, lignite flakes
476							
478							
480		<0.50	<0.50		SM		Very dark gray (Gley 3/1) SILTY SAND
482							
484					SM		Dark gray (10YR 4/1) SILTY SAND, angular medium Sand, lignite, 40% fines (silt), muscovite flakes
486							

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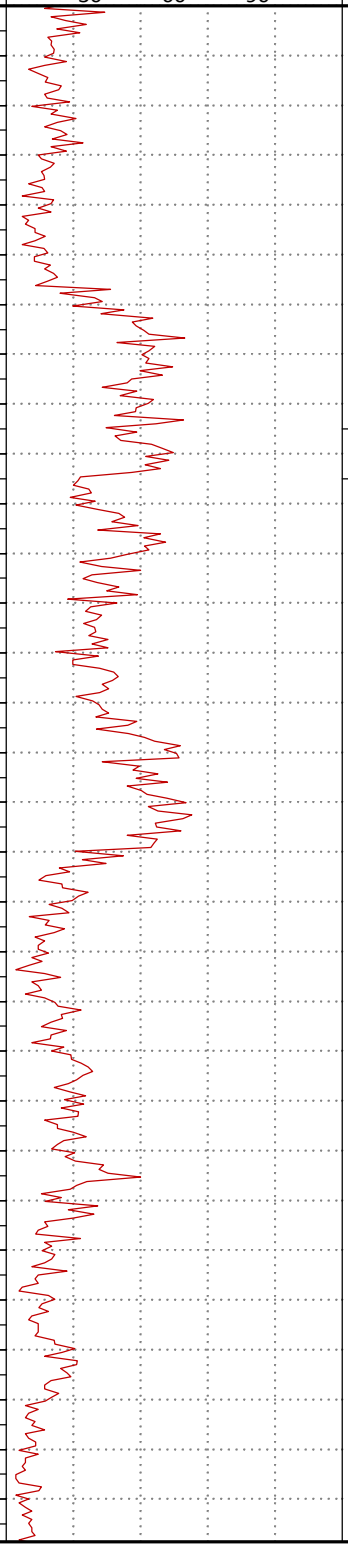

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
486				Magothy	SM		Dark gray (10YR 4/1) SILTY SAND, angular medium Sand, lignite, 40% fines (silt), muscovite flakes *(continued)*
488							
490					SM		Dark gray (10YR 4/1) SILTY SAND, subangular medium Sand, trace coarse sand, muscovite flakes, 25% fines (silt)
492							
494					SP-SM		Dark gray (10YR 4/1) poorly graded SAND wiith SILT, angular medium Sand, pyrite concretions, 5-10% silt (fines) trace coarse sand
496							
498							
500		<0.50	<0.50		CL		Dark gray (10YR 4/1) CLAY with interbedded SILTY SAND
502							
504	0				CL		Dark gray (10YR 4/1) CLAY, interbedded Silty Sand, lignite with 1-2" thick clay layers
506					CL		Dark gray (10YR 4/1) CLAY, interbedded Silty Sand
508							
510					ML-CL		Dark gray (10YR 4/1) SANDY SILT interbedded Clay lenses
512							
514							
516							
518							
520		<0.50	<0.50		CL		Dark gray (10YR 4/1) CLAY
522							
524					CL		Dark gray (10YR 4/1) CLAY, interbedded Silty Sand
526							
528							
530					SM		Gray (10YR 5/1) SILTY SAND, interbedded Clay layers
532							
534					SM		Gray (10YR 5/1) SILTY SAND, subangular medium Sand, few coarse sand, lignite, 25% silt
536							
538							
540		<0.50	<0.50		SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, interbedded Clay lenses
542							
544							
546					SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, subangular medium Sand, little coarse sand, 10% silt

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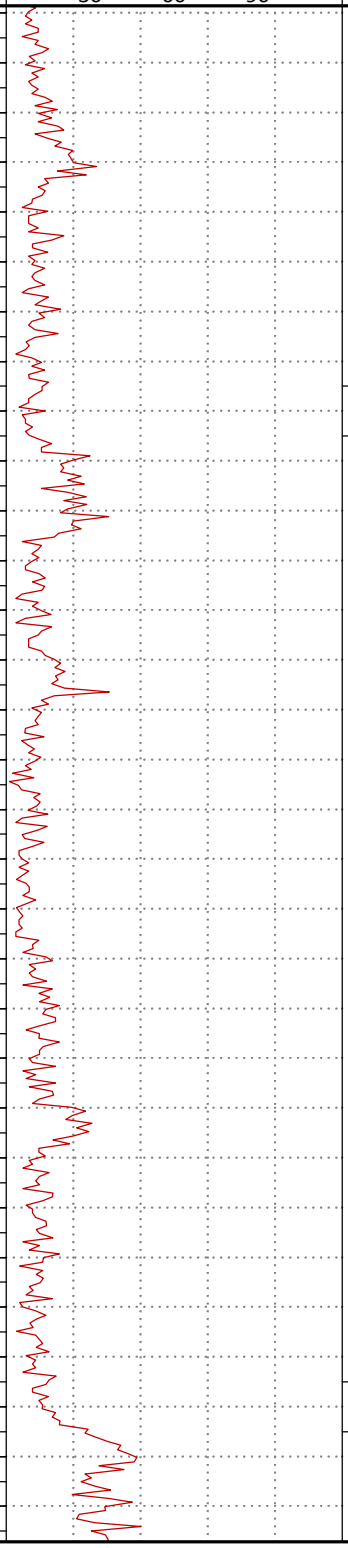

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
548				Magothy			
550					SP		Gray (10YR 5/1) poorly graded SAND, subangular medium Sand, little coarse sand
552							
554							
556							
558							
560					SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, angular medium Sand, ~10% fines (silt)
562							
564	0				SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, angular medium Sand, 1/4" layer of lignite, ~10% silt, muscovite flakes
566					SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, subrounded medium to coarse Sand, lignite flakes, silt 15%
568							
570							
572							
574					SP		Gray (10YR 5/1) poorly graded SAND, subrounded to subangular medium to coarse Sand, few silt
576							
578							
580		<0.50	<0.50		SP-CL		Gray (10YR 5/1) poorly graded SAND, medium to coarse Sand, few silt, interbedded clay/silt layers
582							
584					SP		Gray (10YR 5/1) poorly graded SAND, subrounded to subangular medium to coarse Sand
586							
588							
590					SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, subrounded to subangular Sand, 10% fines
592							
594					SW		Gray (10YR 5/1) widely graded SAND, subrounded to subangular fine to coarse Sand
596							
598							
600		<0.50	<0.50		SW		Gray(10 YR 5/1) widely graded SAND, subrounded to subangular fine to coarse sand.
602							
604	0				SP-SM		Gray (2.5Y 5/1) poorly graded SAND with SILT, subangular medium Sand, 10-15% silt (fines), one faint band of lignite
606					SP-CL		Gray (2.5Y 5/2) poorly graded SAND, medium Sand, interbedded clay lens
608							
					SP-CL		

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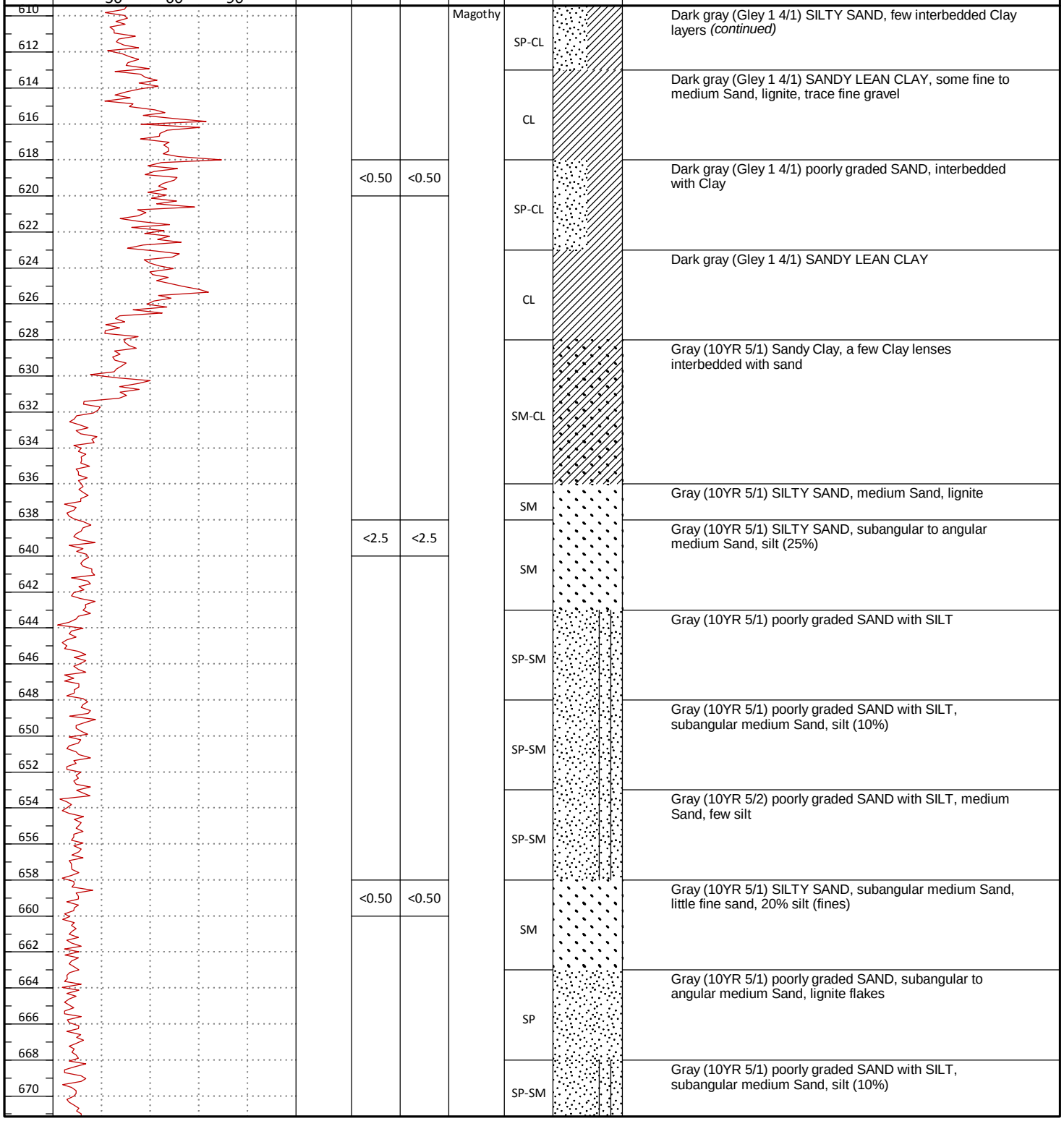

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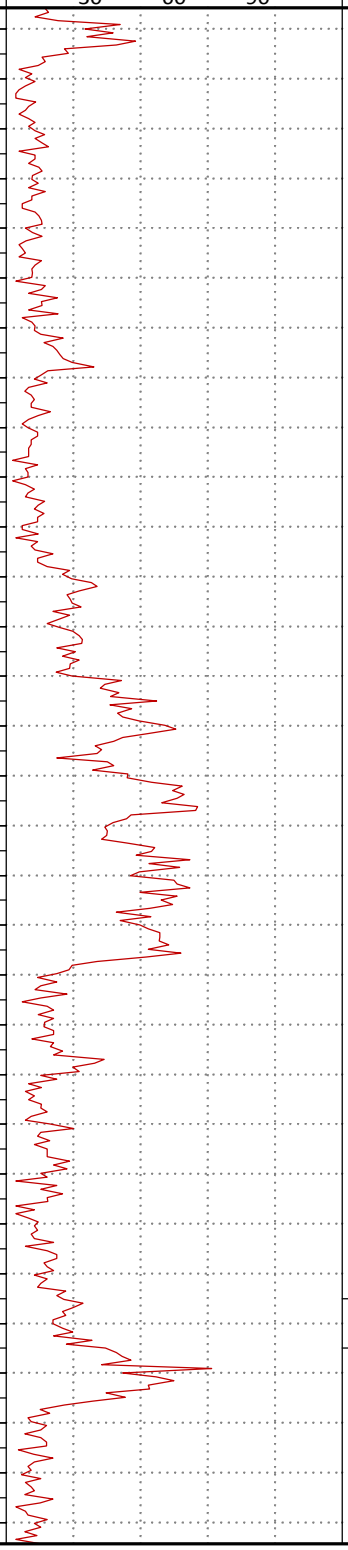

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
672				Magothy	SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, subangular medium Sand, silt (10%) *(continued)*
674					SP-SM		Gray (10YR 5/1) poorly graded SAND, angular medium Sand, silt (10%)
676							
678							
680		<0.50	<0.50		SP		Gray (10YR 5/1) poorly graded SAND, subangular medium to coarse Sand
682							
684					SP		Gray (10YR 5/1) poorly graded SAND, subangular to subrounded medium to coarse Sand
686							
688							
690					SW-SM		Gray (10YR 5/1) widely graded SAND with SILT, subangular medium to coarse Sand, little fine sand, 10% silt, pyrite concretions.
692							
694					SM		Gray (10YR 5/1) SILTY SAND, subangular medium to coarse Sand, 10-20% silt
696							
698							
700		<0.50	<0.50		SP-SM		Gray (10YR 6/1) poorly graded SAND with SILT, subangular medium sand, little coarse Sand, trace fine gravel, one pyrite concretion
702							
704					GM		Gray (7.5YR 5/1) SILTY GRAVEL with SAND, subrounded fine Gravel, some subangular medium to coarse sand, one pyrite concretion, 30% silt
706							
708							
710					SM		Gray (7.5 YR 5/1) SILTY SAND, subangular medium Sand, few gravel, silt 25%
712							
714							
716					GW		Gray (7.5YR 6/1) poorly graded GRAVEL with SAND, subrounded fine Gravel, little medium to coarse sand
718							
720		<2.5	<2.5				
722							
724	0				SM		Gray (Gley 1 5/1) SILTY SAND, subangular medium Sand, 25% silt (fines)
726					GP-GM		Gray (10YR 6/1) poorly graded GRAVEL with SILT and SAND, subrounded fine Gravel, some subangular medium sand, few to little silt
728							
730					SP		Light gray (7.5YR 7/1) poorly graded SAND with GRAVEL, medium to coarse subangular Sand, little subangular to subrounded fine gravel
732							

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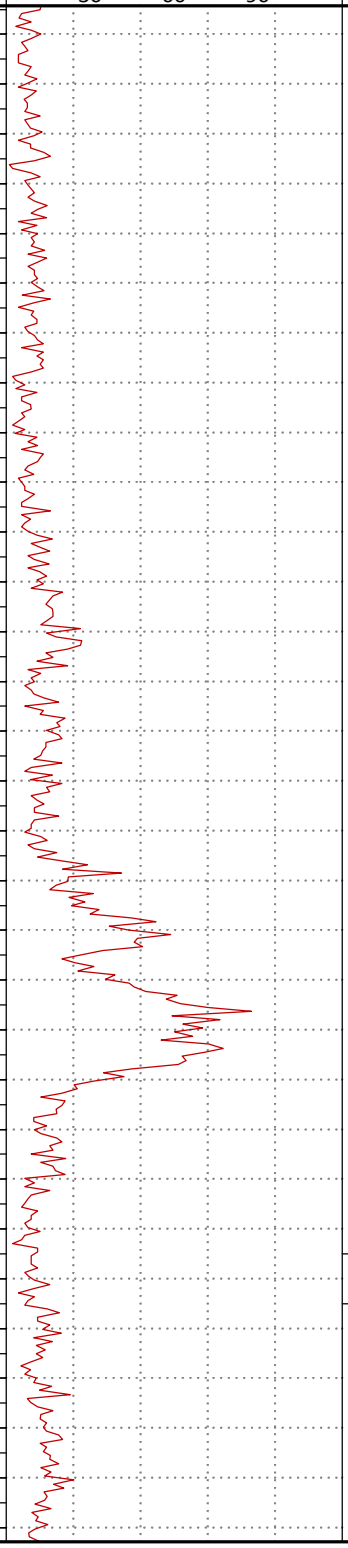

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	MATERIAL DESCRIPTION
734				Magothy	SW	Light gray (7.5YR 7/1) widely graded SAND with GRAVEL, Interbedded silt or clay layers *(continued)*
736					SW	
738						
740		<0.50	<0.50		SP	Light gray (7.5YR 7/1) poorly graded SAND with GRAVEL, medium Sand, little coarse sand, subrounded fine gravel
742						
744					SP	Light Gray (7.5YR 7/1) poorly graded SAND with GRAVEL, subrounded to subangular coarse Sand, little medium sand, some subrounded fine gravel
746						
748						
750					GP	Light gray (7.5YR 7/1) poorly graded GRAVEL with SAND, subrounded to subangular fine Gravel, little medium to coarse sand
752						
754					GW-GC	Light gray (10YR 7/1) widely graded GRAVEL, subrounded fine to coarse Gravel, several white clay seams (interbedded), little coarse sand
756						
758						
760						
762						
764		<0.50	<0.50		GW	Light gray (7.5YR 7/1) widely graded GRAVEL, subrounded to rounded fine Gravel, little coarse sand, little subrounded coarse gravel, little interbedded light gray clay
766						
768						
770					SP	Light gray (7.5YR 7/1) poorly graded SAND, subrounded to rounded coarse Sand, little subrounded fine gravel
772						
774					GC	Dark gray (7.5YR 4/1) Clayey GRAVEL, fine to coarse Gravel, little coarse sand, some clay/silt
776						
778						
780		<2.5	<2.5		SP	Grey (7.5 YR 6/1) poorly graded sand, subangular medium sand, little coarse sand, trace fine gravel, trace clay/silt.
782						
784	0					
786					SP-SC	Light Gray (10 YR 7/2) poorly graded SAND with Clay, subangular medium to coarse Sand, few clay
788					SP-SC	Light gray (10YR 7/2) poorly graded SAND with CLAY, subangular medium to coarse Sand, little fine subrounded gravel
790					SP-SC	Gray (10YR 6/1) poorly graded SAND with CLAY and GRAVEL, coarse Sand, little medium sand, little fine subrounded gravel, interbedded white clay
792						
794					SW-SC	

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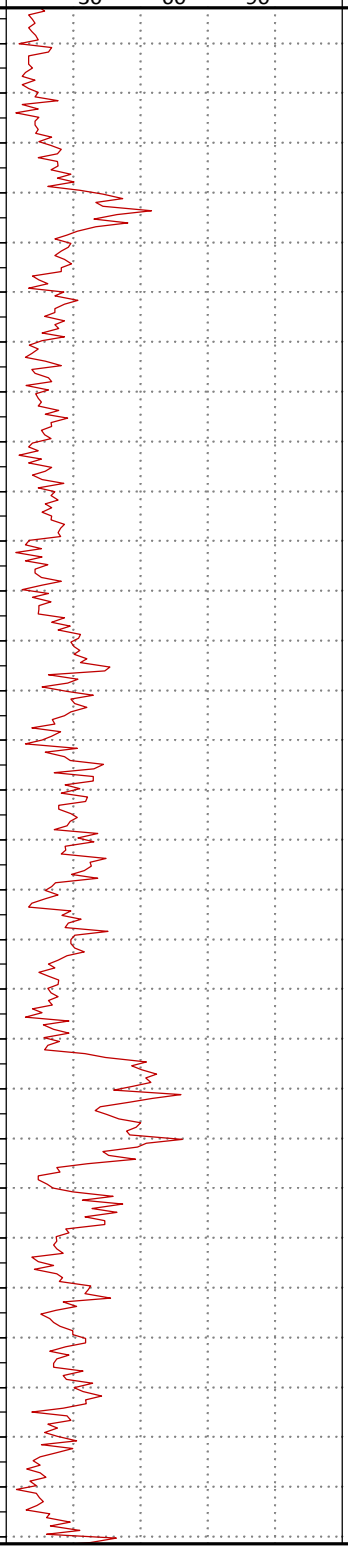

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
796				Magothy	SW-SC		Gray (10YR6/1) Widely Graded Sand with Clay and Gravel, subangular medium sand, little coarse sand, little fine sand *(continued)*
798							
800		<0.50	<0.50		SP-SC		Gray (10YR 6/1) poorly graded SAND with CLAY, angular medium sand, little subrounded fine Gravel, few clay, several clay lenses (interbedded)
802							
804					SP-SC		Gray (10YR 6/1) poorly graded SAND with CLAY, subangular medium Sand, little coarse sand, trace fine to coarse gravel, interbedded clay lenses
806							
808					SC		Gray (10YR 6/1) CLAYEY SAND, subangular fine to medium Sand, little coarse sand, 25% fines (clay/silt), trace fine gravel
810							
812					SC		Gray (10YR 6/1) CLAYEY SAND, subangular medium Sand, little fine sand, few coarse sand, 25% fines
814							
816					SC		Light gray (10YR 7/1) CLAYEY SAND, subangular medium Sand, little coarse sand, trace fine gravel, 20-25% fines (clay/silt)
818		<2.5	<2.5				
820					SP-SC		Light gray (10YR 7/1) poorly graded SAND with CLAY, medium angular Sand, some coarse sand, little clay
822							
824					SP-SC		Light gray (10YR 7/1) poorly graded SAND with CLAY, subangular medium Sand, little coarse sand, 10-15% fines (silt/clay)
826							
828					SP		Gray (10YR 5/1) poorly graded SAND, subangular medium Sand, little coarse sand, trace to few clay
830							
832					SC		Gray (10YR 5/1) CLAYEY SAND, subangular medium Sand, few coarse sand, some clay
834							
836					SC		Gray (2.5Y 5/1) CLAYEY SAND, fine to medium Sand, fines 25% (silt/clay)
838		<0.50	<0.50				
840					SC		Gray (10YR 5/1) CLAYEY SAND, subangular Sand, fines 25% (silt/clay)
842							
844					SP-SC		Gray (10YR 5/1) poorly graded SAND with CLAY, subangular medium Sand, muscovite flakes, trace coarse sand
846							
848							
850							
852							
854							
856							

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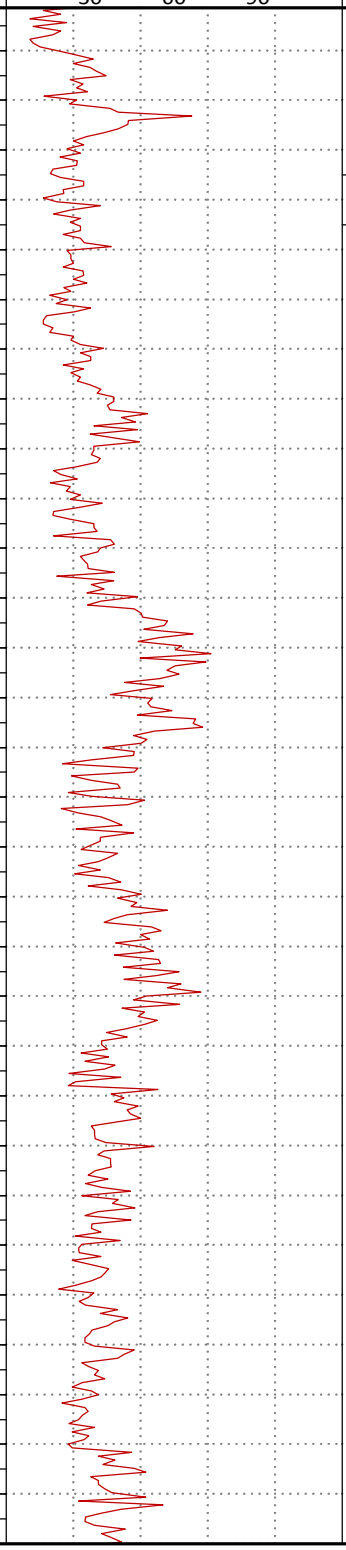


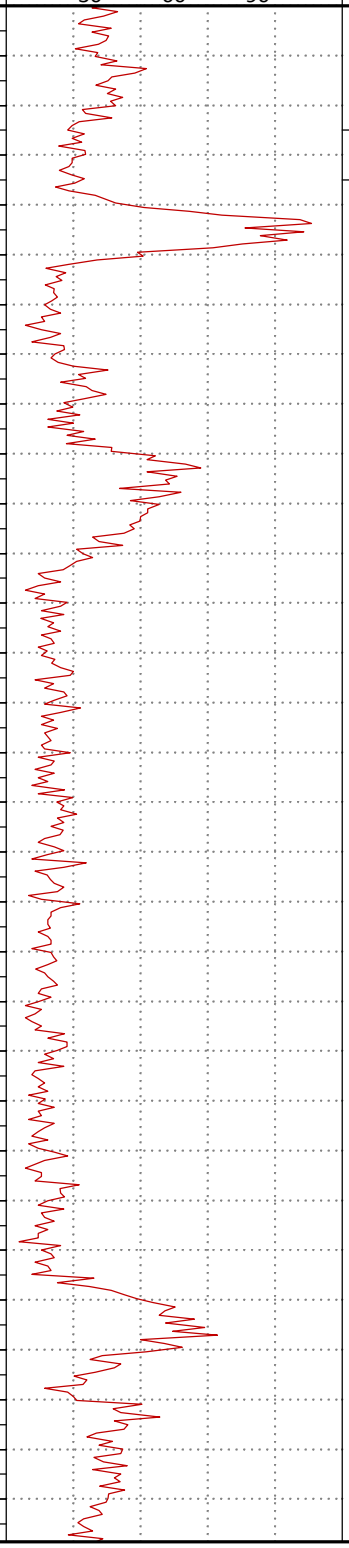
DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
858				Magothy	SP-SC		
860					SP-SC		Gray (10YR 5/1) poorly graded SAND with CLAY
862							
864	0				SP-SC		Gray (10YR 5/1) poorly graded SAND with CLAY, fine to medium Sand, few fines (silt or clay)
866					SC		Gray (10YR 5/1) CLAYEY SAND, subangular medium Sand, little coarse sand, little fines (15%)
868							
870							
872							
874							
876							
878							
880					SC		Gray (Gley 1 6/N) fine SAND with some white medium fat Clay
882							
884					SC		Gray (Gley 1 6/N) fine SAND with some white medium fat Clay, trace medium subangular sand
886							
888					SC		Gray (Gley 1 5/104) fine SAND with some white medium fat Clay, trace coarse to medium subangular sand
890							
892					SC		Gray (Gley 1 5/N) fine SAND with some white medium fat Clay, trace coarse to medium subangular sand
894							
896							
898							
900		<0.50	<0.50		SC		Gray (7.5YR 6/1) CLAYEY SAND, subangular medium Sand, little fine sand, few coarse sand, trace fine gravel, 25% fines (silt or clay), few muscovite flakes
902							
904					SC		Light gray (Gley 7/1) CLAYEY SAND, fine Sand, trace fine gravel, 25% fines (silt or clay)
906							
908							
910							
912							
914					SC		Gray (7.5YR 6/2) CLAYEY SAND, fine Sand, 40-50%, muscovite flakes
916							
918							

(Continued Next Page)

Resolution Consultants

Boring Log

BORING #: VPB167
Sheet 16 of 17



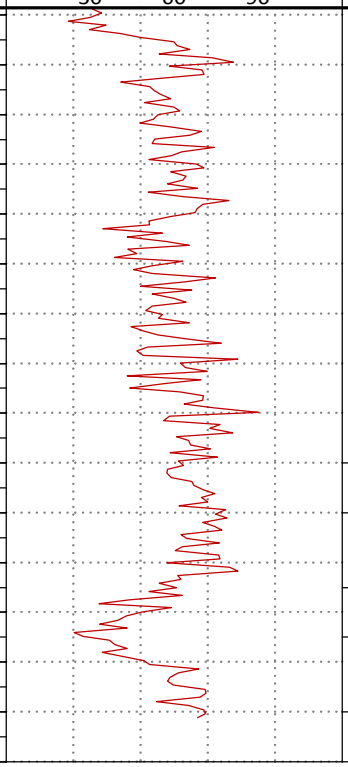
DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
918							
920		<0.50	<0.50	Magothy	SC		Gray (7.5YR 6/2) CLAYEY SAND, fine Sand, 40-50%, muscovite flakes *(continued)*
922							
924	0				SC		Light gray (Gley 7/1) CLAYEY SAND, fine Sand, muscovite flakes, 20% clay/silt (fines)
926					SC		Light gray (Gley 7/1) CLAYEY SAND, medium Sand, little coarse sand, 20% clay (fines)
928							
930					SC		Gray (10YR 5/1) CLAYEY SAND, subangular medium Sand, little fine sand, little coarse sand, 25% fines
932							
934					SW-SC		Gray (10YR 5/1) poorly graded SAND with CLAY, subangular medium Sand, little fine sand, little coarse sand, 10-15% fines
936							
938							
940					CH		Gray (Gley 5/1) fat CLAY (collected off tip of hydropunch)
942					SC		Gray (Gley 1 5/1) CLAYEY SAND, medium Sand, little coarse sand, 25% fines
944							
946					SP-SC		Gray (Gley 1 5/1) poorly graded SAND with CLAY, fine to medium Sand, little coarse sand, few fines (10-15%)
948							
950					SW-SC		Gray (2.5Y 6/1) widely graded SAND with CLAY, fine to coarse Sand, few clay
952							
954					SW		Gray (2.5Y 6/1) widely graded SAND, 50% subrounded coarse Sand, some fine to medium sand, trace fine gravel, trace clay
956							
958							
960		<2.5	<2.5		SW-SC		Gray (2.5Y 6/1) widely graded SAND with CLAY, subrounded coarse Sand (50%), some fine to medium sand, few to little clay
962							
964		<2.0	<2.0		SP		Gray (10YR 6/1) poorly graded SAND, subangular medium to coarse Sand, little subrounded fine gravel
966							
968							
970					CL		Gray (2.5 Y 6/1) SANDY CLAY
972							
974					CL		Gray (2.5 Y 6/1) SANDY CLAY, fines (60%), fine Sand, muscovite flakes, little subangular medium sand
976							
978							
					SC		Gray (2.5Y 6/1) CLAYEY SILTY SAND, subangular medium to coarse Sand, 30% fines

(Continued Next Page)

Resolution Consultants

Boring Log

BORING #: VPB167
Sheet 17 of 17

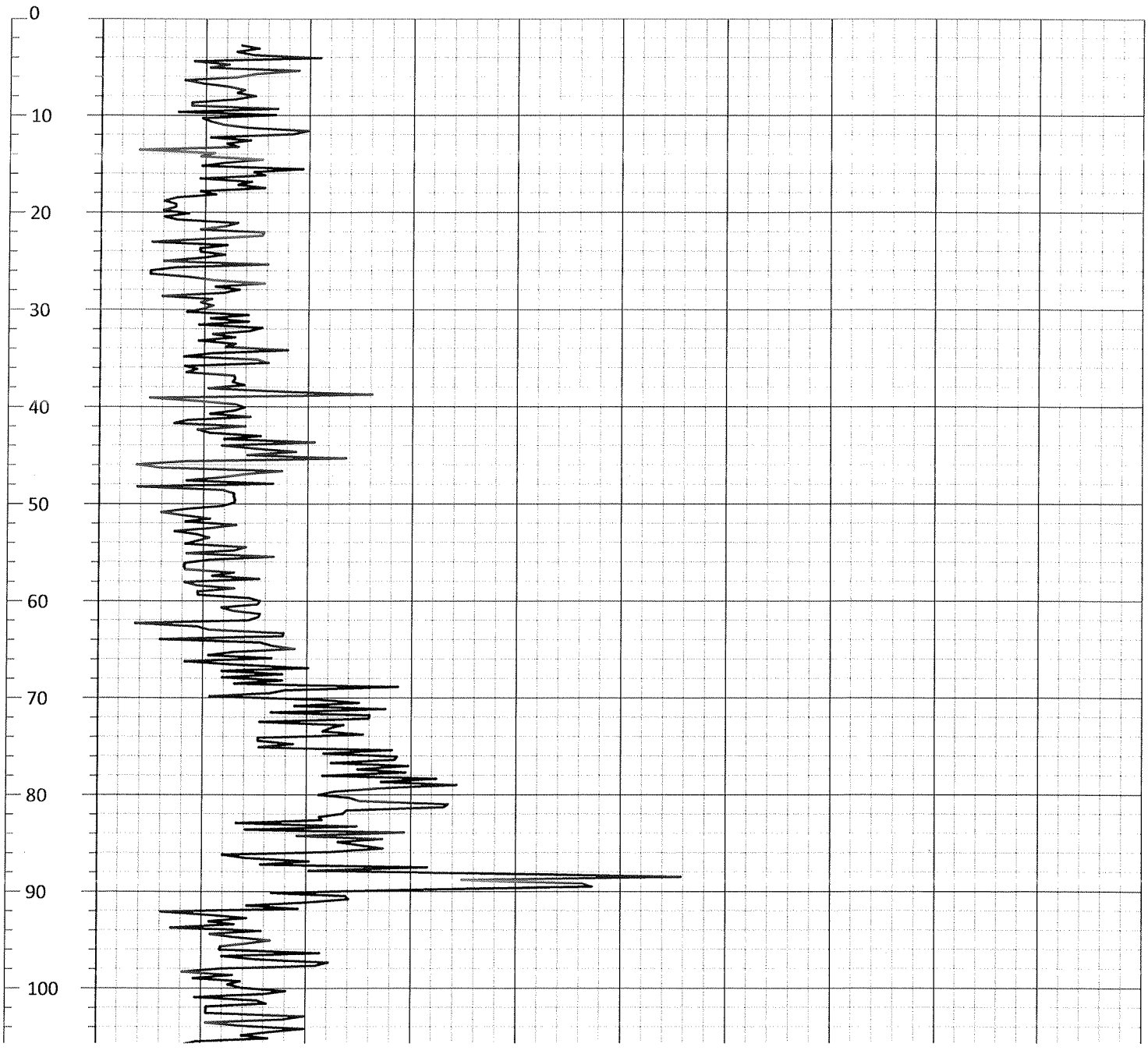


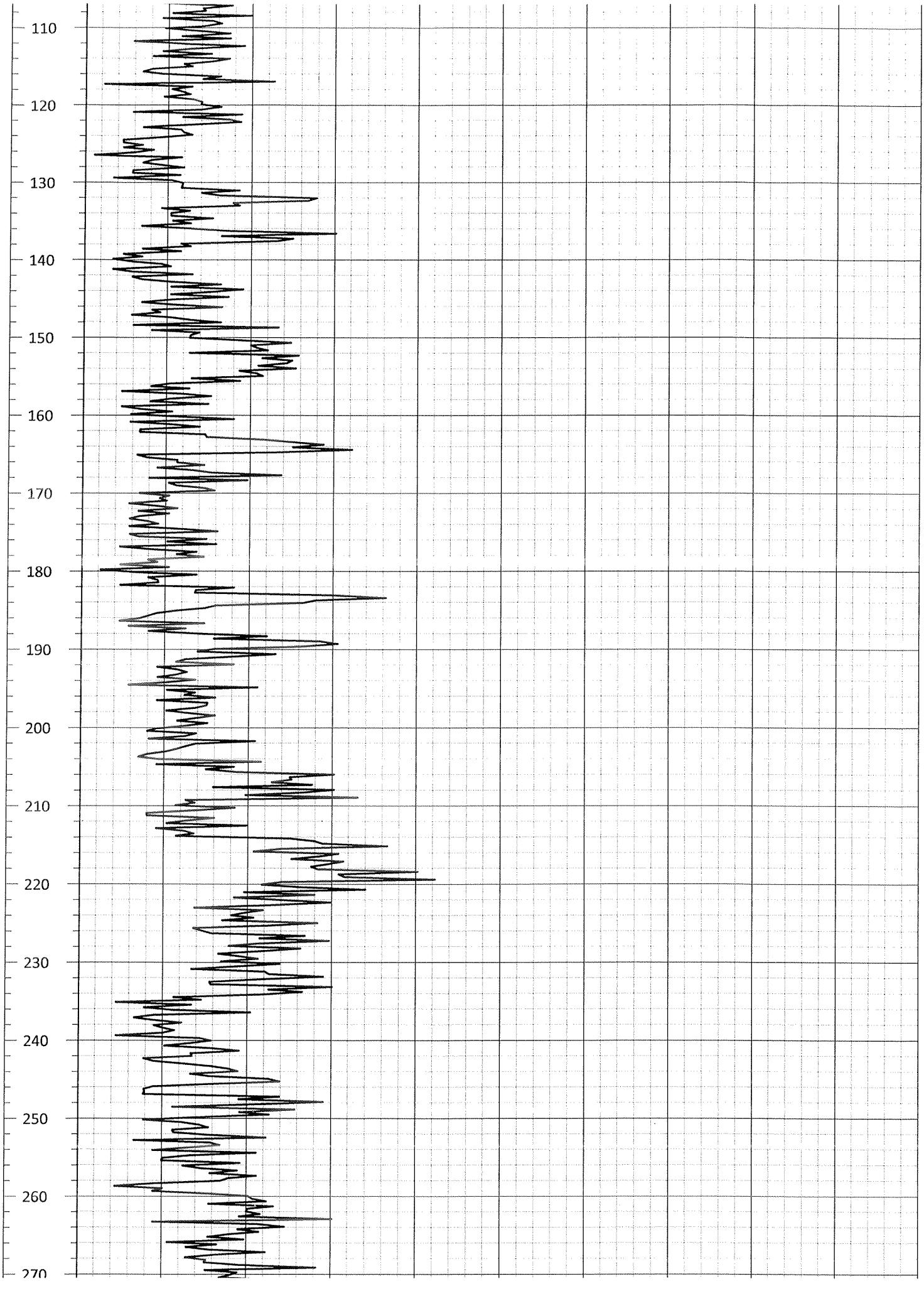
PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
			Magothy	SC		Gray (2.5Y 6/1) CLAYEY SILTY SAND, subangular medium to coarse Sand, 30% fines *(continued)*
				SC		Gray (10YR 5/1) CLAYEY SAND, subangular fine to coarse Sand, 30% fines, interbedded clay lenses
				SC		Gray (10YR 5/1) CLAYEY SAND
				CL		Dark gray (10YR 4/1) SANDY CLAY, angular fine to coarse Sand, 60% fines (silt or clay)
0			Raritan	CH		Pinkish gray (5YR 6/2), fat CLAY, laminated
0				CH		Reddish gray (2.5YR 5/1) and Red (10R) mottled fat CLAY
0				CH		Weak red (10R) and Gray (7.5YR 6/1), fat CLAY, mottled trace to few Sand

End of boring at 1010.0 ft. bgs.

DOWN

COMPANY:	DELTA WELL & PUMP CO., INC.
LOCATION:	NWIRP WICKS AVE
Well: VPB-167	Depth Driller:
	Depth Logger:
Date: 05/09/2016 Time:	Logged by: CMO
File Name: 739	Witness: VAL

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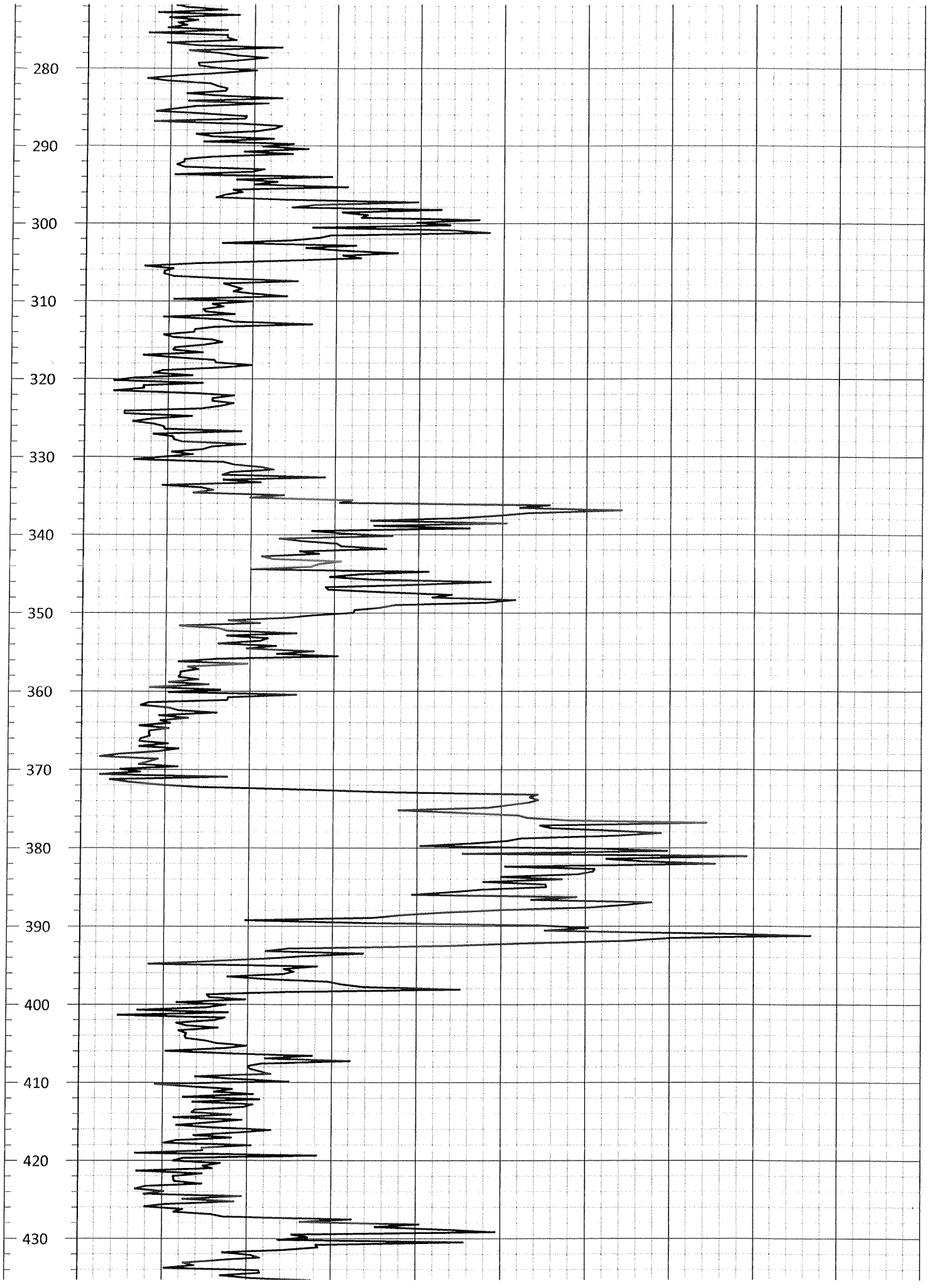
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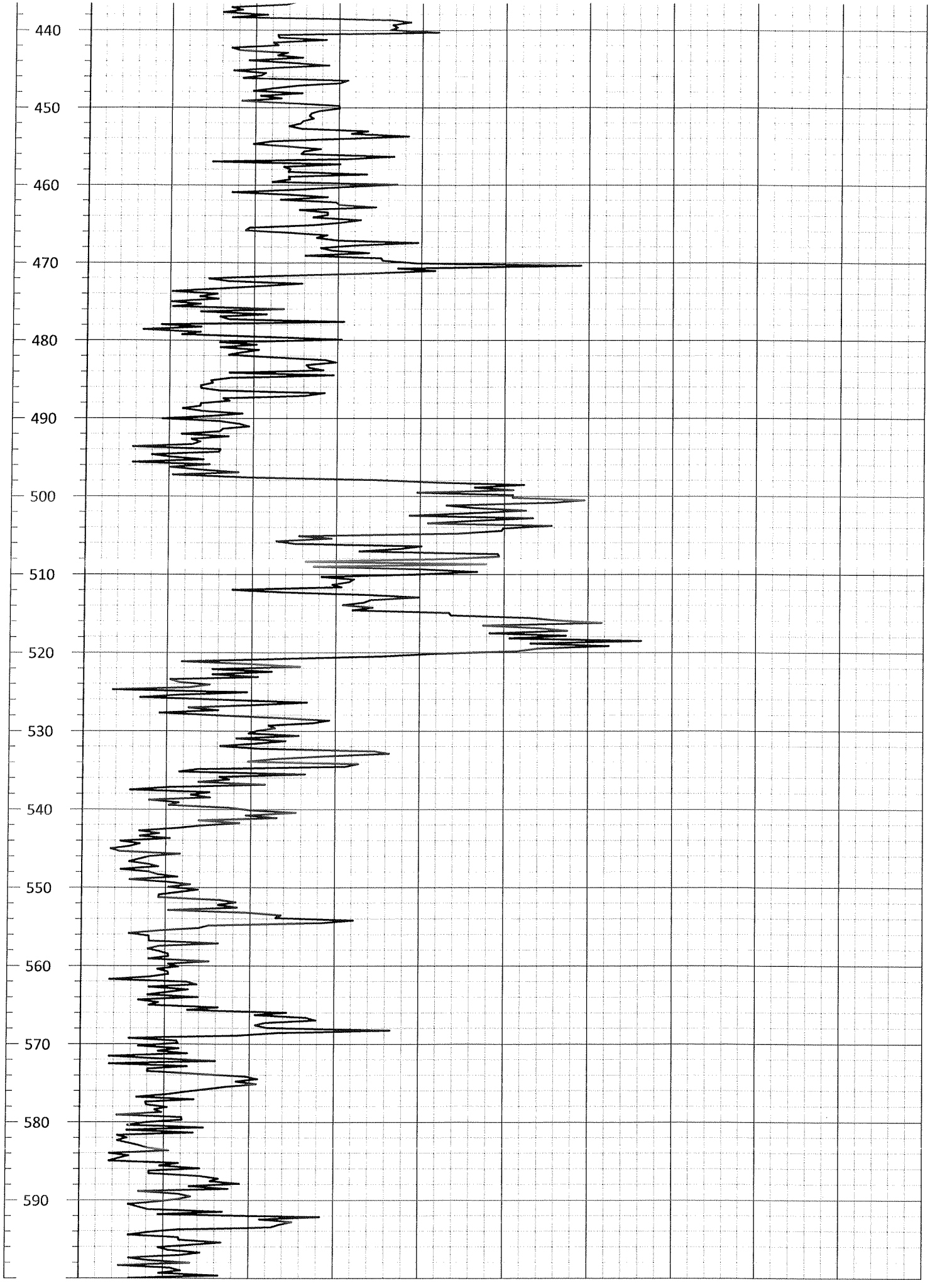
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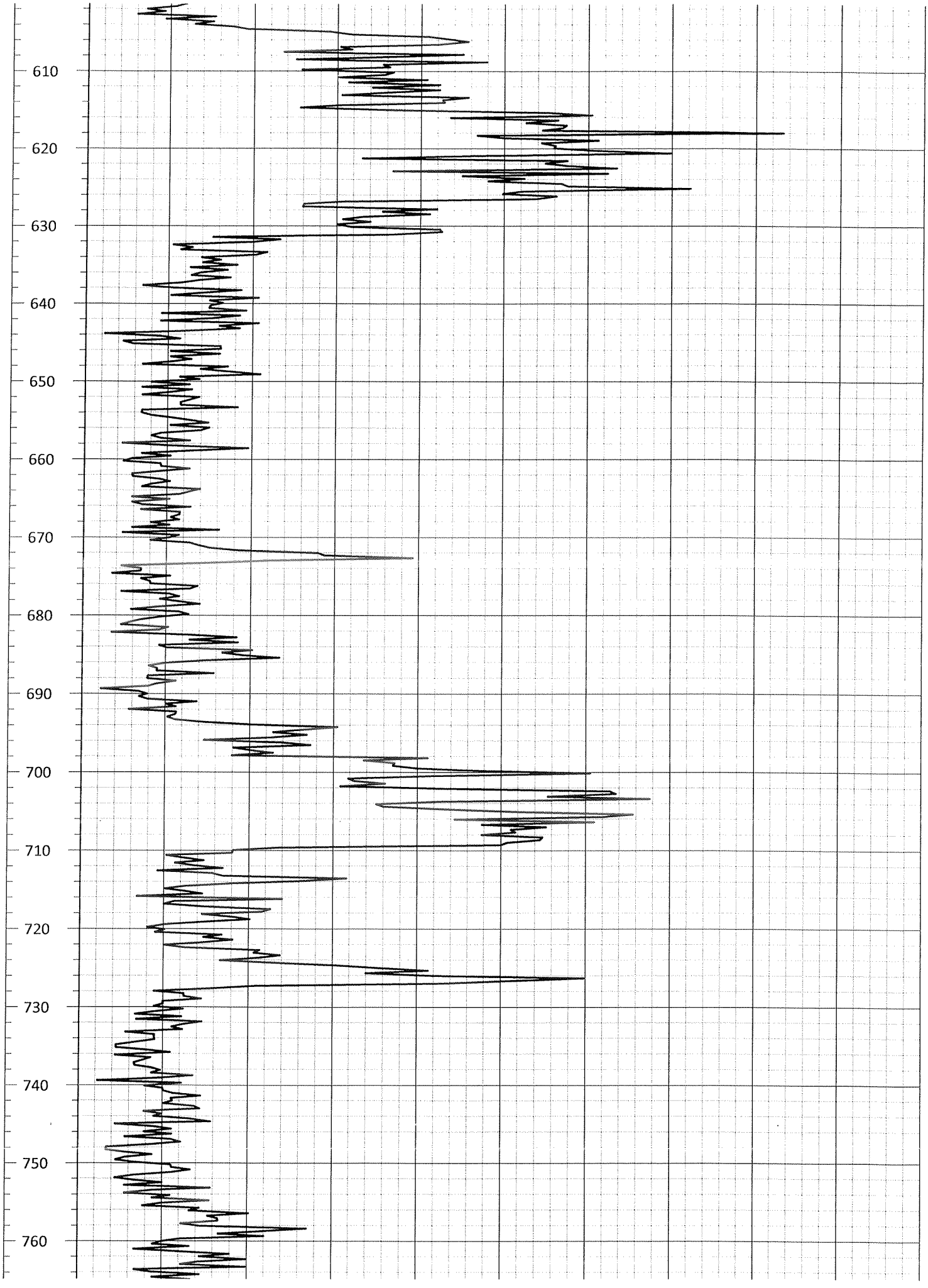
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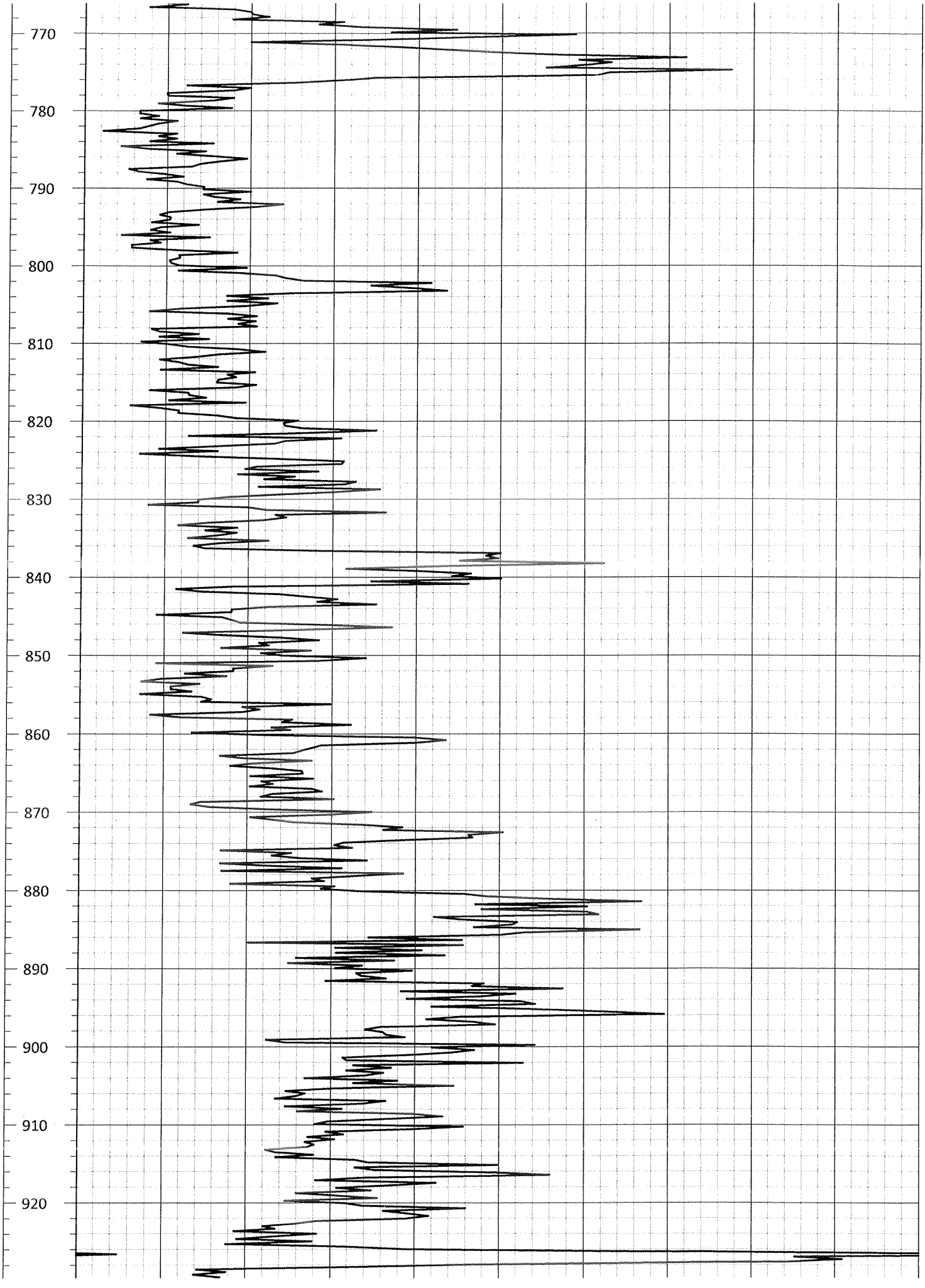
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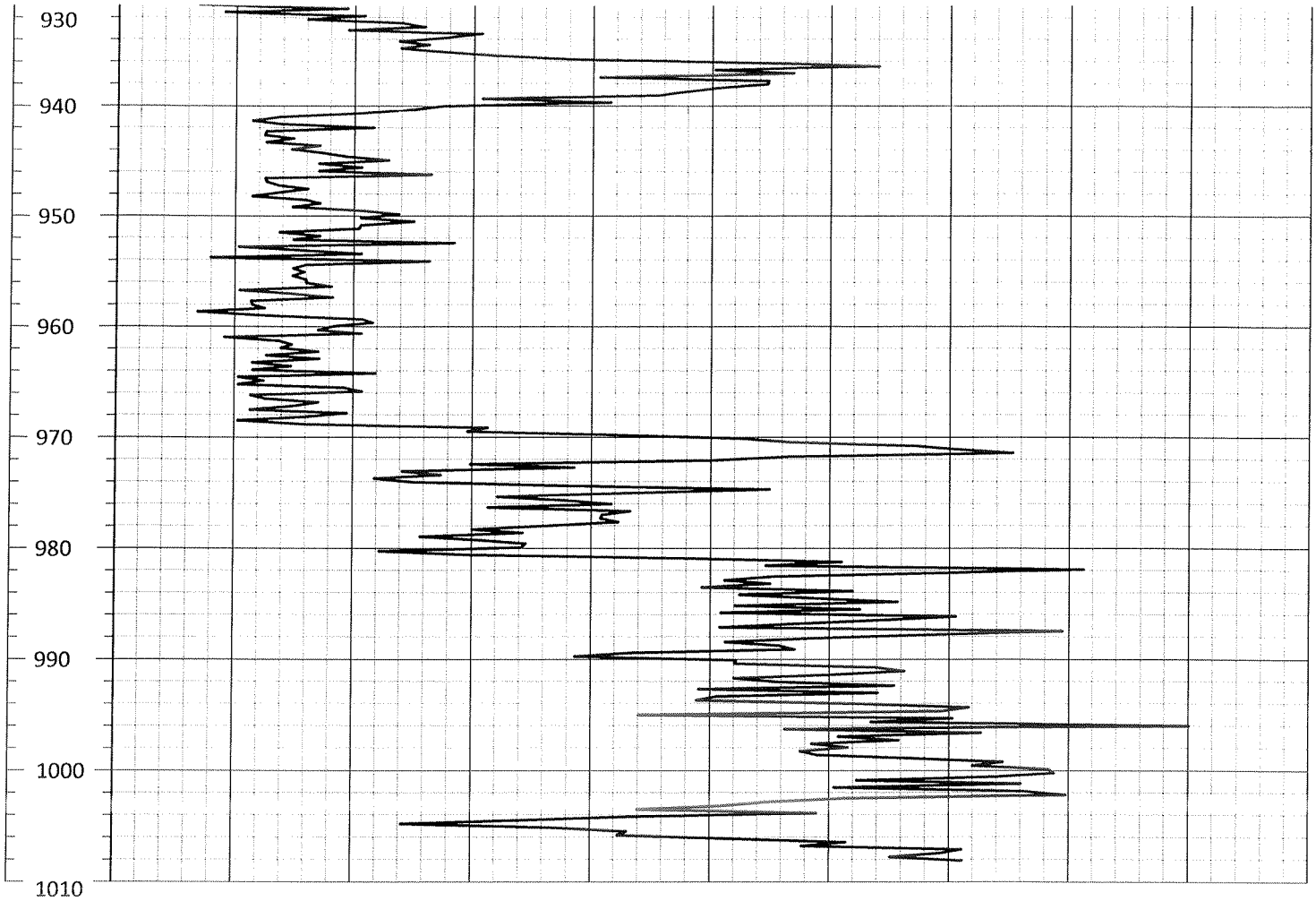
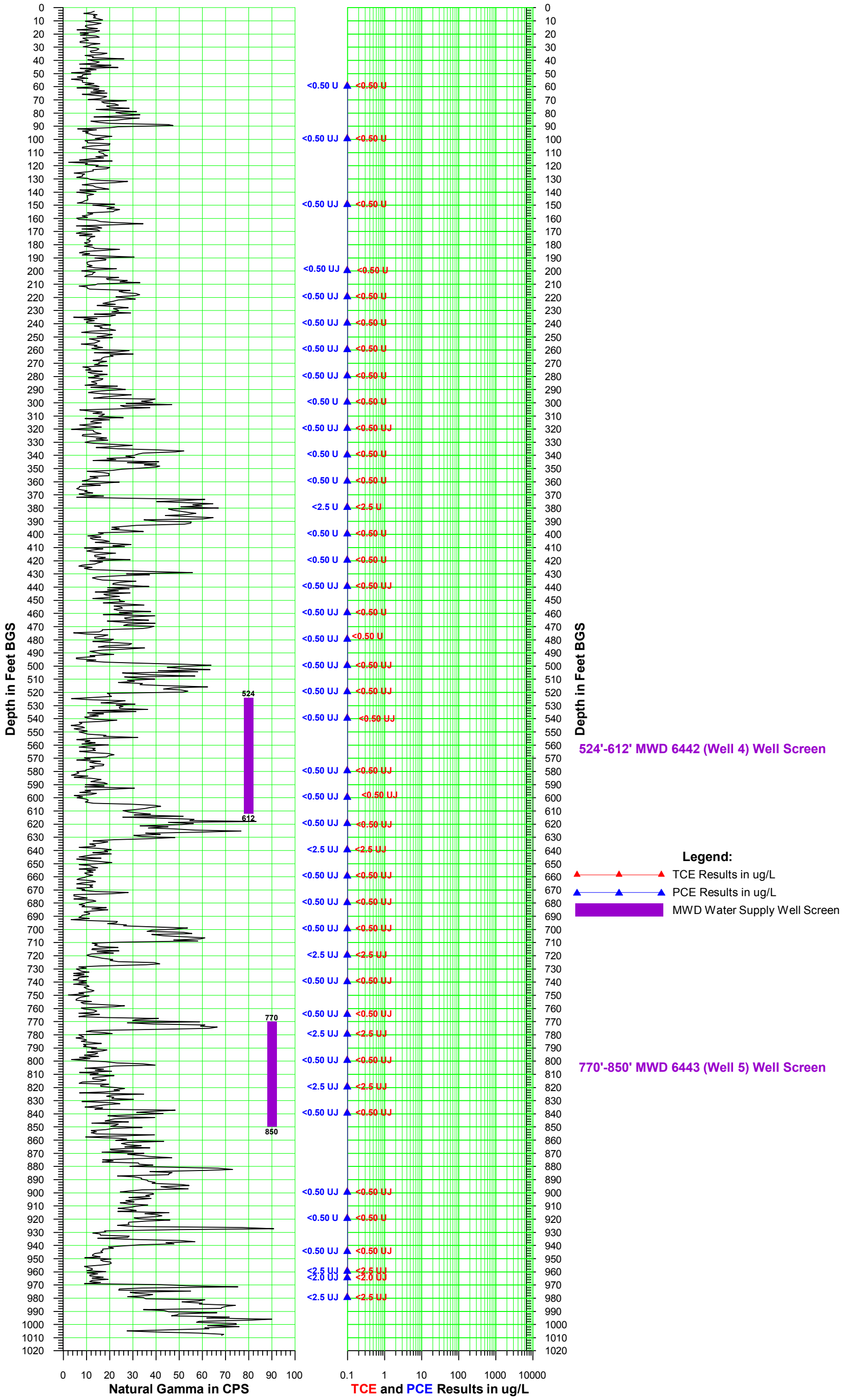


Depth (ft.)	GAMMA (cps)	
	0.0	100.0

Section 2

VPB167 Gamma and PCE/TCE Plot

Vertical Profile Boring VPB-167
Downward Run - May 9, 2016
Validated Analytical Data



Section 3

VPB167 Groundwater Sample Log Sheets

Hydropunch Sample

Client: NWIRP - Bethpage
Project No: 60266526
Site Location: VPB 167 (Wicks & Howard)
Weather Conds: Spring weather

Date: 3/23/16 - 4/11/16
VPB: VPB167
Collector(s): Valerie Thayer, Mike Zobel (58'-60' and 98'-100')

Sample Date	Time	Temp (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Starting depth(ft)	Ending depth(ft)	Color
March 23, 2016	13:30	12.1	6.71	518.4	4.92	29.8	461.0	58	60	brown
March 25, 2016	10:45	11.9	6.32	465.7	3.23	4.78	361.6	98	100	pale gray
March 29, 2016	11:45	13.1	7.76	461.2	0.0	-169.8	off scale	148	150	Gray
March 30, 2016	11:15	13.9	7.73	431.1	0.15	-270.0	off scale	198	200	Gray
March 30, 2016	13:30	14.4	6.54	318	4.90	-12.1	99.26	218	220	pale gray
March 31, 2016	10:00	14.6	7.61	360	1.59	-18.0	332.9	238	240	pale gray
March 31, 2016	12:45	17.4	5.94	310	3.30	31.5	403.7	258	260	pale gray
March 31, 2016	15:00	16.6	6.31	474.4	1.00	~~402.2~~ 13.1 (J+) 66.3	482.2	278	280	Gray
April 1, 2016	10:45	15.0	8.64	355.8	5.16		520.7	298	300	gray
April 1, 2016	11:45		not enough recovery					318	320	Dark Gray
April 4, 2016	11:00	12.4	8.61	295.8	3.48	-43.4	519.3	338	340	Gray
April 4, 2016	13:30	12.5	6.38	336.4	0.01	-197.1	158.3	358	360	Gray
April 5, 2016	11:00		not enough sample					378	380	Dark Gray
April 5, 2016	13:00	13.5	8.78	303.6	13.04	-59	543.5	398	400	clear to pale brown
April 6, 2016	10:30	13.1	7.84	322	5.09	-55.7	383.2	418	420	pale gray
April 6, 2016	13:30	14.2	6.15	187.4	3.76	-4.5	291	438	440	pale gray
April 7, 2016	10:00	12.8	8.87	208.8	1.92	-150	84.60	458	460	pale gray
April 11, 2016	11:30	12.0	7.48	331	3.25	-102.2	171.9	478	480	pale gray
				see next page						

RESOLUTION CONSULTANTS

Hydropunch Sample

Client: NWIRP - Bethpage
Project No: 60266526
Site Location: VPB 167 Wicks & Howard
Weather Conds: variable

Date : 04/11 - 04/27/16
VPB: 167
Collector(s): V. Thayer

Sample Date	Time	Temp (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Starting depth(ft)	Ending depth(ft)	Color
04/11/16	11:30	14.8	6.92	858	---	2.8	off scale	498	500	Dark Gray
04/12/16	10:30	←	not enough recovery				→	518	520	Dark Gray
04/15/16	10:00	13.0	7.42	968	0.13	-37	offscale	538	540	Brownish
04/15/16	13:00	←	not enough recovery				→	558	560	Brown
04/18/16	11:30	17.1	9.44	333.6	0.01	-48.8	offscale	578	580	Gray
04/18/16	14:15	19.6	8.65	754	---	-352.5	" "	598	600	Brownish Gray
04/19/16	11:45	19.0	7.72	175	0.21	-477	" "	618	620	Dark Gray
04/19/16	14:30	←	not enough recovery					638	640	Grayish Brown
04/20/16	11:00	14.5	8.6	414.9	---	-309	offscale	658	660	Brownish Gray
04/20/16	14:00	17.1	7.47	426.5	---	-539.7	offscal	678	680	Gray
04/21/16	10:30	17.6	8.92	200.2	1.88	-219.9	409.3	698	700	Pale Gray
04/21/16	14:00	17.1	6.49	874	---	-412	offscale	718	720	Gray
04/21/16			not enough recovery					738	740	Brownish Gray
04/22/16	14:30		not enough recovery					758	760	Grayish Brown
04/25/16	10:30	16.2	7.17	837	-1.30	-135.6	offscale	763	765	Brownish Gray
04/25/16	13:30		not enough recovery					778	780	Grayish Brown
04/26/16	11:00	16.7	8.37	890	0.10	-109.4	offscale	798	800	Brown
04/26/16	13:30		NO recovery					803	805	Pale Brown Gray
04/27/16	11:00	13.9	7.92	986	0.05	-550.1	offscale	818	820	Brown
04/27/16	14:30	15.6	6.92	724	---	-561.3	" "	838	840	Brown

Note: --- (no reading on YSI for this parameter)

RESOLUTION CONSULTANTS

Hydropunch Sample

Client: NWIRP - Bethpage
Project No: 60266526
Site Location: Wicks & Hayward
Weather Conds: variable

Date: 04/28/16 – 05/05/16
VPB: 167
Collector(s): Jim Christopher 4/29/16
V Thayer 4/28/16
05/02/16 - 05/05/16

Sample Date	Time	Temp (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Starting depth(ft)	Ending depth(ft)	Color
04/28/16	11:45	14.9	8.47	814	- - -	-122.3	off-scale	858	860	grayish brown
04/29/16	10:00		no recovery					878	880	
04/29/16	13:10		not enough recovery					898	900	
05/02/16	12:45	14.0	8.81	290.4	4.94	-5.9	338	918	920	pale brown
05/03/16	11:00		no recovery					938	940	
05/03/16	14:00		not Enough recovery					943	945	brown
05/04/16	11:30							958	960	brown
05/04/16	14:00	14.1	8.76	889	0.17	-50.5	off-scale	963	965	brown
05/05/16	11:30		not enough recovery					978	980	brown

Note: The bottle containing the sample at 858 - 860 feet collected 4/28/16 broke so it could not be analyzed.

Section 4

VPB167 Analytical Data Validation

- Analytical Data Sheets
- Chain of Custody Records
- Validation Letter and Table

DATA VALIDATION REPORT

Project:	Regional Groundwater Investigation — NWIRP Bethpage	
Laboratory:	Katahdin Analytical	
Sample Delivery Group:	BETHPAGE VPB167	
Analyses/Method:	Volatile Organic Compounds (VOCs) by U.S. EPA SW-846 Method 8260C, Total Organic Carbon (TOC) by U.S. EPA SW-846 Method 9060A, and Standard Method 5310B for Total Organic Carbon by High-Temperature Combustion	
Validation Level:	3	
Project Number:	0888812477.SA.DV	
Prepared by:	Dana Miller/Resolution Consultants	Completed on: 06/30/2016
Reviewed by:	Tina Clemmey/Resolution Consultants	File Name: BETHPAGE VPB167_8260C_9060A_5310B

SUMMARY

This report summarizes data review findings for samples listed below, collected by Resolution Consultants from the Regional Groundwater Investigation — NWIRP Bethpage Site on 25 March to 5 May 2016 in accordance with the following Sampling and Analysis Plans:

- *Sampling and Analysis Plan, Bethpage, New York.* (Resolution Consultants, April 2013).
- *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells, Operable Unit 2, NWIRP Bethpage, New York.* (Resolution Consultants, November 2013).
- *UFP SAP Addendum, Inclusion of Additional Target Analytes for Volatile Organics Analyses, NWIRP Bethpage OU2, Bethpage, New York*. (Resolution Consultants, August 2014).

Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB167-GW-032316-58-60	SJ2054-1	Groundwater	8260C
VPB167-GW-032516-98-100	SJ2077-1	Groundwater	8260C
VPB167-TB-032516	SJ2077-2	Trip Blank	8260C
VPB167-GW-032916-148-150	SJ2146-2	Groundwater	8260C
VPB167-GW-033016-198-200	SJ2146-4	Groundwater	8260C
VPB167-GW-033016-218-220	SJ2193-2	Groundwater	8260C
VPB167-GW-033116-238-240	SJ2193-3RA	Groundwater	8260C
VPB167-GW-033116-258-260	SJ2193-4	Groundwater	8260C
VPB167-GW-033116-278-280	SJ2193-5	Groundwater	8260C
VPB167-GW-040116-298-300	SJ2252-2	Groundwater	8260C, 5310B

Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB167-GW-040116-318-320	SJ2252-3	Groundwater	8260C
VPB167-GW-040416-338-340	SJ2252-4	Groundwater	8260C
VPB167-GW-040416-358-360	SJ2252-5	Groundwater	8260C
VPB167-GW-D-032916	SJ2146-1	Groundwater	8260C
VPB167GW-FD-040416	SJ2252-6	Groundwater	8260C
VPB167-TB-032916	SJ2146-3	Trip Blank	8260C
VPB167-TB-033016	SJ2193-1	Trip Blank	8260C
VPB167-TB-040116	SJ2252-1	Trip Blank	8260C
VPB167-EB-040616	SJ2326-3	Equipment Blank	8260C, 5310B
VPB167-GW-040516-378-380	SJ2326-5DL	Groundwater	8260C
VPB167-GW-040516-398-400	SJ2326-6	Groundwater	8260C
VPB167-GW-040616-418-420	SJ2326-4	Groundwater	8260C
VPB167-GW-040616-438-440	SJ2326-2	Groundwater	8260C
VPB167-GW-040716-458-460	SJ2368-2	Groundwater	8260C
VPB167-TB-040516	SJ2326-1	Trip Blank	8260C
VPB167-TB-040716	SJ2368-1	Trip Blank	8260C
VPB167-GW-041216-518-520	SJ2475-4	Groundwater	8260C
VPB167-TB-041216	SJ2475-1	Trip Blank	8260C
VPB167-GW-041116-478-480	SJ2476-2	Groundwater	8260C
VPB167-GW-041116-498-500	SJ2476-1	Groundwater	8260C
VPB167-GW-041516-538-540	SJ2604-4	Groundwater	8260C
VPB167-GW-041816-578-580	SJ2604-5	Groundwater	8260C
VPB167-GW-041816-598-600	SJ2604-6	Groundwater	8260C
VPB167-TB-041116	SJ2476-3	Trip Blank	8260C
VPB167-TB-041516	SJ2604-1	Trip Blank	8260C
VPB167-GW-041916-618-620	SJ2724-1	Groundwater	8260C
VPB167-GW-042016-658-660	SJ2724-5	Groundwater	8260C
VPB167-GW-042016-678-680	SJ2724-4	Groundwater	8260C
VPB167-TB-041916	SJ2724-3	Trip Blank	8260C
VPG167-GW-041916-638-640	SJ2724-2DL	Groundwater	8260C
VPB167-EB-042116	SJ2725-4	Equipment Blank	8260C, 5310B
VPB167-FB-041916	SJ2725-2	Field Blank	8260C, 5310B
VPB167-GW-042116-698-700	SJ2725-3	Groundwater	8260C
VPB167-GW-042116-718-720	SJ2725-5DL	Groundwater	8260C
VPB167-GW-042216-738-740	SJ2807-3	Groundwater	8260C
VPB167-GW-042516-763-765	SJ2807-2	Groundwater	8260C
VPB167-GW-042516-778-780	SJ2807-4DL	Groundwater	8260C
VPB167-GW-042616-798-800	SJ2871-2	Groundwater	8260C

Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB167-GW-042716-818-820	SJ2871-4DL	Groundwater	8260C
VPB167-GW-042716-838-840	SJ2871-3	Groundwater	8260C
VPB167-TB-041916-2	SJ2725-1	Trip Blank	8260C
VPB167-TB-042216	SJ2807-1	Trip Blank	8260C
VPB167-TB-042616	SJ2871-1	Trip Blank	8260C
VPB167-GW-042916-898-900	SJ2999-1	Groundwater	8260C
VPB167-GW-050216-918-920	SJ2999-2	Groundwater	8260C
VPB167-GW-050316-943-945	SJ3057-2	Groundwater	8260C
VPB167-GW-050416-958-960	SJ3057-3DL	Groundwater	8260C
VPB167-GW-050416-963-965	SJ3057-4DL	Groundwater	8260C
VPB167-GW-050516-978-980	SJ3103-2DL	Groundwater	8260C
VPB167-TB-042916	SJ2999-3	Trip Blank	8260C
VPB167-TB-050316	SJ3057-1	Trip Blank	8260C
VPB167-TB-050516	SJ3103-1	Trip Blank	8260C
VPB167-EB-041516	SJ2604-3	Equipment Blank	5310B
VPB167-SO-041516-563-565	SJ2604-2	Soil	9060A

Data validation activities were conducted using the following guidance documents: *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846, specifically Method 8260C, Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry* (U.S. EPA, 2006), *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846, specifically Method 9060A, Total Organic Carbon* (U.S. EPA, 1996), *Method SM5310B, Total Organic Carbon by High-Temperature Combustion, U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (NFG, June 2008), *U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review* (NFG, January 2010), and Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 4.2 (October 2010). In the absence of method-specific information, laboratory quality control (QC) limits, project-specific requirements and/or professional judgment were used as appropriate.

REVIEW ELEMENTS

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Holding times and sample preservation
- ✓ Gas chromatography/Mass spectrometer performance checks
- ✗ Initial calibration (ICAL) /initial calibration verification (ICV)/continuing calibration verification (CCV)

✗ Laboratory blanks/field blanks/equipment blanks/trip blanks

✓ Surrogate spike recoveries

✓ Matrix spike and/or matrix spike duplicate results

✗ Laboratory control sample/laboratory control sample duplicate results

✓ Field duplicates

✓ Internal standards

✓ Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. Acceptable data parameters for which all criteria were met and no qualification was performed and non-conformance or other issues that were noted during validation, but did not result in qualification of data are not discussed further. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below.

RESULTS

Initial Calibration/Continuing Calibration Verification

Calibration data were reviewed for conformance with the QC acceptance criteria to ensure that:

- The ICAL percent relative standard deviation, correlation coefficient/coefficient of determination, and/or response factor method acceptance criteria were met
- The ICV standard percent recovery acceptance criteria were met
- The CCV method percent difference or percent drift and response factor acceptance criteria were met
- The retention time method acceptance criteria were met

Data qualification to the analytes associated with the specific ICAL was as follows:

ICAL Linearity Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
%RSD >15% and quantitation based on mean response factor	J	UJ

Notes:
%RSD = Relative standard deviation

J = Estimated
UJ = Undetected and estimated

Data qualification to the analytes associated with the specific ICV was as follows:

ICV Recovery Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
Recovery >120%	J	UJ
Recovery < 80%	J	UJ

Notes:
J = Estimated
UJ = Undetected and estimated

Data qualification to the analytes associated with the specific CCV was as follows:

CCV Linearity Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
%Difference or %Drift > 20%	J	UJ

Notes:
J = Estimated
UJ = Undetected and estimated

Laboratory Blanks/Equipment Blanks/ Field Blanks/Trip Blanks

Laboratory blanks, equipment blanks, field blanks, and trip blanks were analyzed with samples to assess contamination imparted by sample preparation and/or analysis. All results associated with a particular blank were evaluated to determine whether there was an inherent variability in the data, or if a problem was an isolated occurrence that did not affect the data. Samples were flagged in accordance with *Functional Guidelines* (shown below) where detections were not believed to be site-related.

Blank Non-conformance Charts:

For common lab contaminants (methylene chloride, acetone, 2-butanone):			
Blank type	**Blank result**	**Sample result**	**Action for samples**
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
	≤ 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and ≤ 4x the LOQ	Report the sample result with a U**
		≥ 4x the LOQ	No qualifications

For common lab contaminants (methylene chloride, acetone, 2-butanone):			
Blank type	**Blank result**	**Sample result**	**Action for samples**
	> 2x LOQ	< LOD	Report sample LOD value with a U**
		≥ LOD and < 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
		≥ 2x LOQ and ≥ blank contamination	If the result is ≤2x blank result, report the sample result U.** If the result is > 2x blank result, no qualification is required. **
****Based on Resolution Consultants professional judgment**			

For all other compounds:			
Blank type	**Blank result**	**Sample result**	**Action for samples**
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
	< 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	> 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
		≥ 2x LOQ and ≥ blank contamination	If the result is ≤2x blank result, report the sample result U. If the result is > 2x blank result, no qualification is required.
	= 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	Gross contamination	Detects	Qualify results as unusable R

Notes:

LOQ	=	Limit of quantitation
LOD	=	Limit of detection
U	=	Undetected
R	=	Rejected

Laboratory Control Samples / Laboratory Control Sample Duplicate

LCS %Rs is used to monitor the overall accuracy and performance of each step during analysis, including sample preparation. The laboratory analyzed LCSs in duplicate when matrix spike/matrix spike duplicates were not reported. In these instances, the laboratory determined precision between the duplicated values. Data qualification to the analytes associated with the specific LCS/LCS duplicate was as follows:

Laboratory Control Sample / Laboratory Control Sample Duplicate Non-conformance Chart:

Criteria	Action	
	Detected	Non-detected
% R or RPD > UL	J	No qualification
%R < LL	J	UJ
%R < 20%	J	Rejected

Notes:

%R	=	Percent recovery
RPD	=	Relative percent difference
UL	=	Upper limit
LL	=	Lower limit
J	=	Estimated
UJ	=	Undetected and estimated

Qualifications Actions

The data were reviewed independently from the laboratory to assess data quality. All compounds detected at concentrations less than the limit of quantitation but greater than the method detection limit were qualified by the laboratory as estimated (J). This "J" qualifier was retained during data validation. Any sample that was analyzed at a dilution because of high concentrations of target or non-target analytes was checked to confirm that the results and/or sample-specific limit of quantitation and limit of detections were adjusted accordingly by the laboratory.

No results were rejected; therefore, analytical completeness was calculated to be 100 percent. Data not qualified during data review are considered usable by the project. The remaining results qualified as estimated may be high or low, but the data are usable for their intended purpose, according to U.S. EPA and Department of Defense guidelines. Final data review qualifiers used to describe results and how they should be interpreted by the end data user are provided in Attachment A and Attachment B. Attachment C provides final results after data review.

ATTACHMENTS

Attachment A: Qualifier Codes and Explanations
Attachment B: Reason Codes and Explanations
Attachment C: Final Results after Data Review

Attachment A
Qualifier Codes and Explanations

Qualifier	Explanation
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual quantitation limit necessary to accurately and precisely measure the analyte in the sample.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Attachment B
Reason Codes and Explanations

Reason Code	Explanation
be	Equipment blank contamination
bf	Field blank contamination
bl	Laboratory blank contamination
bm	Missing blank information
bt	Trip blank contamination
c	Calibration issue
cr	Chromatographic resolution
d	Reporting limit raised due to chromatographic interference
dt	Dissolved result > total over limit
e	Ether interference
ej	Above calibration range; result estimated.
f	Presumed contamination from FB or ER.
fd	Field duplicate RPDs
h	Holding times
hs	Headspace greater than 6mm in all sample vials
i	Internal standard areas
ii	Injection internal standard area or retention time exceedance
it	Instrument tune
k	Estimated maximum possible concentrations (EMPC)
l	LCS recoveries
lc	Labeled compound recovery
ld	Laboratory duplicate RPDs
lp	Laboratory control sample/laboratory control sample duplicate RPDs
m	Matrix spike recovery
mc	Deviation from the method
md	MS/MSD RPDs
nb	Negative laboratory blank contamination
p	Chemical preservation issue
p-h	Uncertainty near detection limit (< Reporting Limit), historical reason code applied.
pe	Post Extraction Spike
q	Quantitation issue
r	Dual column RPD
rt	SIM ions not within + 2 seconds
s	Surrogate recovery
sp	Sample preparation issue
su	Evidence of ion suppression
t	Temperature Preservation Issue
x	Low % solids
y	Serial dilution results
z	ICS results

Attachment C
Final Results after Data Review

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2054		
		Lab ID		SJ2054-1		
		Sample ID		VPB167-GW-032316-58-60		
		Sample Date		3/23/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	c
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	c
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.47	J	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.64	J	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2077		
		Lab ID		SJ2077-1		
		Sample ID		VPB167-GW-032516-98-100		
		Sample Date		3/25/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	6.9	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.22	J	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.26	J	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	1.1		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	0.26	J	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2077		
		Lab ID		SJ2077-2		
		Sample ID		VPB167-TB-032516		
		Sample Date		3/25/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2146		
		Lab ID		SJ2146-1		
		Sample ID		VPB167-GW-D-032916		
		Sample Date		3/29/2016		
		Sample Type		Field Duplicate		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.56	J	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2146		
		Lab ID		SJ2146-2		
		Sample ID		VPB167-GW-032916-148-150		
		Sample Date		3/29/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.53	J	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2146		
		Lab ID		SJ2146-3		
		Sample ID		VPB167-TB-032916		
		Sample Date		3/29/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.7	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2146		
		Lab ID		SJ2146-4		
		Sample ID		VPB167-GW-033016-198-200		
		Sample Date		3/30/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2193		
		Lab ID		SJ2193-1		
		Sample ID		VPB167-TB-033016		
		Sample Date		3/30/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2193		
		Lab ID		SJ2193-2		
		Sample ID		VPB167-GW-033016-218-220		
		Sample Date		3/30/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	5.7	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2193		
		Lab ID		SJ2193-3RA		
		Sample ID		VPB167-GW-033116-238-240		
		Sample Date		3/31/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	l,c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	3.7	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2193		
		Lab ID		SJ2193-4		
		Sample ID		VPB167-GW-033116-258-260		
		Sample Date		3/31/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.7	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2193		
		Lab ID		SJ2193-5		
		Sample ID		VPB167-GW-033116-278-280		
		Sample Date		3/31/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	3.6	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2252		
		Lab ID		SJ2252-1		
		Sample ID		VPB167-TB-040116		
		Sample Date		4/1/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bl,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2252		
		Lab ID		SJ2252-2		
		Sample ID		VPB167-GW-040116-298-300		
		Sample Date		4/1/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,bl,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2252		
		Lab ID		SJ2252-3		
		Sample ID		VPB167-GW-040116-318-320		
		Sample Date		4/1/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	5	J	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c,mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c,mc
8260C	ACETONE	67-64-1	UG_L	32	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c,mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.29	J	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c,mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	0.8	J	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c,mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c,mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c,mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2252		
		Lab ID		SJ2252-4		
		Sample ID		VPB167-GW-040416-338-340		
		Sample Date		4/4/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,bl,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.32	J	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2252		
		Lab ID		SJ2252-5		
		Sample ID		VPB167-GW-040416-358-360		
		Sample Date		4/4/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,bl,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2252		
		Lab ID		SJ2252-6		
		Sample ID		VPB167GW-FD-040416		
		Sample Date		4/4/2016		
		Sample Type		Field Duplicate		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,bl,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2326		
		Lab ID		SJ2326-1		
		Sample ID		VPB167-TB-040516		
		Sample Date		4/5/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bl,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2326		
		Lab ID		SJ2326-2		
		Sample ID		VPB167-GW-040616-438-440		
		Sample Date		4/6/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c,mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c,mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	be,bl,c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c,mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c,mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c,mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c,mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c,mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2326		
		Lab ID		SJ2326-3		
		Sample ID		VPB167-EB-040616		
		Sample Date		4/6/2016		
		Sample Type		Equipment Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bl,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2326		
		Lab ID		SJ2326-4		
		Sample ID		VPB167-GW-040616-418-420		
		Sample Date		4/6/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	be,bl,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2326		
		Lab ID		SJ2326-5DL		
		Sample ID		VPB167-GW-040516-378-380		
		Sample Date		4/5/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3.8	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	5	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	12	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	12	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	12	UJ	c
8260C	ACETONE	67-64-1	UG_L	12	UJ	be,bl,c
8260C	BENZENE	71-43-2	UG_L	2.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2.5	U	
8260C	BROMOFORM	75-25-2	UG_L	2.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	5	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	2.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	2.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	5	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	2.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	5	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	2.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	5	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	2.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	5	U	
8260C	METHYL ACETATE	79-20-9	UG_L	3.8	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	60		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	12	U	
8260C	O-XYLENE	95-47-6	UG_L	2.5	U	
8260C	STYRENE	100-42-5	UG_L	2.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2.5	U	
8260C	TOLUENE	108-88-3	UG_L	2.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	2.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	5	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	5	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	7.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2326		
		Lab ID		SJ2326-6		
		Sample ID		VPB167-GW-040516-398-400		
		Sample Date		4/5/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	be,bl,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	1.7		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2368		
		Lab ID		SJ2368-1		
		Sample ID		VPB167-TB-040716		
		Sample Date		4/7/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	l,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2368		
		Lab ID		SJ2368-2		
		Sample ID		VPB167-GW-040716-458-460		
		Sample Date		4/7/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	3.9	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	l,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2475		
		Lab ID		SJ2475-1		
		Sample ID		VPB167-TB-041216		
		Sample Date		4/12/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	1.2	J	c
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2475		
		Lab ID		SJ2475-4		
		Sample ID		VPB167-GW-041216-518-520		
		Sample Date		4/12/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	1.9	J	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c,mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c,mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	c,mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c,mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2476		
		Lab ID		SJ2476-1		
		Sample ID		VPB167-GW-041116-498-500		
		Sample Date		4/11/2016		
		Matrix		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c,mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	6.1	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c,mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	c,mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c,mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2476		
		Lab ID		SJ2476-2		
		Sample ID		VPB167-GW-041116-478-480		
		Sample Date		4/11/2016		
		Matrix		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	4.9	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	c
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.36	J	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2476		
		Lab ID		SJ2476-3		
		Sample ID		VPB167-TB-041116		
		Sample Date		4/11/2016		
		Matrix		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	1.2	J	c
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2604		
		Lab ID		SJ2604-1		
		Sample ID		VPB167-TB-041516		
		Sample Date		4/15/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2604		
		Lab ID		SJ2604-4		
		Sample ID		VPB167-GW-041516-538-540		
		Sample Date		4/15/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	11	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c,mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2604		
		Lab ID		SJ2604-5		
		Sample ID		VPB167-GW-041816-578-580		
		Sample Date		4/18/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	7.9	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c,mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2604		
		Lab ID		SJ2604-6		
		Sample ID		VPB167-GW-041816-598-600		
		Sample Date		4/18/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	10	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c,mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2724		
		Lab ID		SJ2724-1		
		Sample ID		VPB167-GW-041916-618-620		
		Sample Date		4/19/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2724		
		Lab ID		SJ2724-2DL		
		Sample ID		VPG167-GW-041916-638-640		
		Sample Date		4/19/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	12	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	12	UJ	mc
8260C	ACETONE	67-64-1	UG_L	12	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	5	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG_L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	5	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	5	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	7.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2724		
		Lab ID		SJ2724-3		
		Sample ID		VPB167-TB-041916		
		Sample Date		4/19/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	7.7	J	I
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2724		
		Lab ID		SJ2724-4		
		Sample ID		VPB167-GW-042016-678-680		
		Sample Date		4/20/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2724		
		Lab ID		SJ2724-5		
		Sample ID		VPB167-GW-042016-658-660		
		Sample Date		4/20/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2725		
		Lab ID		SJ2725-1		
		Sample ID		VPB167-TB-041916-2		
		Sample Date		4/19/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	6.4	J	l,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	c
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2725		
		Lab ID		SJ2725-2		
		Sample ID		VPB167-FB-041916		
		Sample Date		4/19/2016		
		Sample Type		Field Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	5.3	J	l,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.55	J	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	c
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2725		
		Lab ID		SJ2725-3		
		Sample ID		VPB167-GW-042116-698-700		
		Sample Date		4/21/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,bf,be,mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2725		
		Lab ID		SJ2725-4		
		Sample ID		VPB167-EB-042116		
		Sample Date		4/21/2016		
		Sample Type		Equipment Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	4.4	J	l,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	1.5	J	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	c
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2725		
		Lab ID		SJ2725-5DL		
		Sample ID		VPB167-GW-042116-718-720		
		Sample Date		4/21/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	12	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	12	UJ	mc
8260C	ACETONE	67-64-1	UG_L	12	UJ	bt,bf,be,mc,c
8260C	BENZENE	71-43-2	UG_L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	5	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG_L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	5	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	5	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	7.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2807		
		Lab ID		SJ2807-1		
		Sample ID		VPB167-TB-042216		
		Sample Date		4/22/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	4.9	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2807		
		Lab ID		SJ2807-2		
		Sample ID		VPB167-GW-042516-763-765		
		Sample Date		4/25/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2807		
		Lab ID		SJ2807-3		
		Sample ID		VPB167-GW-042216-738-740		
		Sample Date		4/22/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	20	J	mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2807		
		Lab ID		SJ2807-4DL		
		Sample ID		VPB167-GW-042516-778-780		
		Sample Date		4/25/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	12	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	12	UJ	mc
8260C	ACETONE	67-64-1	UG_L	12	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	5	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	5	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	5	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	7.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2871		
		Lab ID		SJ2871-1		
		Sample ID		VPB167-TB-042616		
		Sample Date		4/26/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2871		
		Lab ID		SJ2871-2		
		Sample ID		VPB167-GW-042616-798-800		
		Sample Date		4/26/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	11	J	mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2871		
		Lab ID		SJ2871-3		
		Sample ID		VPB167-GW-042716-838-840		
		Sample Date		4/27/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	12	J	mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.8	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2871		
		Lab ID		SJ2871-4DL		
		Sample ID		VPB167-GW-042716-818-820		
		Sample Date		4/27/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	12	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	12	UJ	mc
8260C	ACETONE	67-64-1	UG_L	16	J	mc,c
8260C	BENZENE	71-43-2	UG_L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	5	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	5	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	5	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	9.2	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	7.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2999		
		Lab ID		SJ2999-1		
		Sample ID		VPB167-GW-042916-898-900		
		Sample Date		4/29/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc,c
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	56	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2999		
		Lab ID		SJ2999-2		
		Sample ID		VPB167-GW-050216-918-920		
		Sample Date		5/2/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.72	J	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	c
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.48	J	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.96	J	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.8	J	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2999		
		Lab ID		SJ2999-3		
		Sample ID		VPB167-TB-042916		
		Sample Date		4/29/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	6.3	J	l,c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	c
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ3057		
		Lab ID		SJ3057-1		
		Sample ID		VPB167-TB-050316		
		Sample Date		5/3/2016		
		Sample Type		Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	8.9	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	c
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ3057		
		Lab ID		SJ3057-2		
		Sample ID		VPB167-GW-050316-943-945		
		Sample Date		5/3/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	1	J	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc,c
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	48	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ3057		
		Lab ID		SJ3057-3DL		
		Sample ID		VPB167-GW-050416-958-960		
		Sample Date		5/4/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	12	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	12	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	12	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	5	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2.5	UJ	mc,c
8260C	CHLOROBENZENE	108-90-7	UG_L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	5	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	5	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	61	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	7.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ3057		
		Lab ID		SJ3057-4DL		
		Sample ID		VPB167-GW-050416-963-965		
		Sample Date		5/4/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	4	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	10	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	10	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	10	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	10	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	2	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	4	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2	UJ	mc,c
8260C	CHLOROBENZENE	108-90-7	UG_L	2	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	4	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	2	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	4	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	4	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	4	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	10	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	69	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	4	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	4	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	6	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

			Sample Delivery Group	SJ3103		
			Lab ID	SJ3103-1		
			Sample ID	VPB167-TB-050516		
			Sample Date	5/5/2016		
			Sample Type	Trip Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	8.4		
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ3103		
		Lab ID		SJ3103-2DL		
		Sample ID		VPB167-GW-050516-978-980		
		Sample Date		5/5/2016		
		Sample Type		Groundwater		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	12	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	12	UJ	mc
8260C	ACETONE	67-64-1	UG_L	12	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	5	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	5	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	5	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	5.8	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	7.5	UJ	mc

Notes:

UG_L = Micrograms per liter
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2604			SJ2604		
		Lab ID		SJ2604-2			SJ2604-3		
		Sample ID		VPB167-SO-041516-563-565			VPB167-EB-041516		
		Sample Date		4/15/2016			4/15/2016		
		Sample Type		Soil			Equipment Blank		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC	Result	Qual	RC
2540G	TOTAL SOLIDS	-29	PCT	80			NA		
5310B	TOTAL ORGANIC CARBON	-28	MG_L	NA			0.5	U	bl
9060A	TOTAL ORGANIC CARBON	-28	UG_G	1300			NA		

Notes:

Qual	=	Final interpreted qualifier
RC	=	Validator reason code (See definition below)
PCT	=	Percent
MG_L	=	Milligrams per liter
UG_G	=	Micrograms per gram
U	=	Associated sample qualified as non-detect "U".

Reason Code

bl	=	Flagged estimated due to lab blank contamination.

DATA VALIDATION REPORT

Project:	Regional Groundwater Investigation — NWIRP Bethpage	
Laboratory:	Katahdin Analytical	
Sample Delivery Group:	SJ2872	
Analyses/Method:	Volatile Organic Compounds (VOCs) by U.S. EPA Method TO-15	
Validation Level:	3	
Project Number:	0888812477.SA.DV	
Prepared by:	Dana Miller/Resolution Consultants	Completed on: 05/17/2016
Reviewed by:	Tina Cantwell/Resolution Consultants	File Name: SJ2872_TO15

SUMMARY

This report summarizes data review findings for samples listed below, collected by Resolution Consultants from the Regional Groundwater Investigation — NWIRP Bethpage site on 27 April 2016 in accordance with the following Sampling and Analysis Plans:

- *Sampling and Analysis Plan, Bethpage, New York.* (Resolution Consultants April 2013).
- *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells, Operable Unit 2, NWIRP Bethpage, New York.* (Resolution Consultants November 2013).
- *UFP SAP Addendum, Inclusion of Additional Target Analytes for Volatile Organics Analyses, NWIRP Bethpage OU2, Bethpage, New York*. (Resolution Consultants August 2014).

Sample ID	Matrix/Sample Type	Analysis
VPB167-AIR-042716	Air	TO-15
VPB167-FIELDDUP-AIR-042716	Air	TO-15

Data validation activities were conducted using the following guidance documents: *Determination of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters and Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)* (*U.S. EPA*, Method TO-15), *U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (NFG, June 2008), and Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 4.2 (October 2010). In the absence of method-specific information, laboratory quality control (QC) limits, project-specific requirements and/or professional judgment were used as appropriate.

REVIEW ELEMENTS

The data were evaluated based on the following parameters (where applicable to the method):

✓	Data completeness (chain-of-custody (COC)/sample integrity
✓	Holding times and sample preservation
✓	GC/MS performance checks
✓	Initial calibration/continuing calibration verification
✗	Laboratory blanks/trip blanks
NA	Matrix duplicate (MD) results
✓	Laboratory control sample (LCS) results
NA	Field duplicates
✓	Internal standards
✓	Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. NA indicates that the parameter was not included as part of this data set or was not applicable to this validation and therefore not reviewed. Acceptable data parameters for which all criteria were met and no qualification was performed and non-conformance or other issues that were noted during validation, but did not result in qualification of data are not discussed further. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below.

Laboratory Blanks/Equipment Blanks/ Field Blanks/Trip Blanks

Laboratory blanks, equipment blanks, field blanks, and trip blanks were analyzed with samples to assess contamination imparted by sample preparation and/or analysis. All results associated with a particular blank were evaluated to determine whether there was an inherent variability in the data, or if a problem was an isolated occurrence that did not affect the data. Samples were flagged in accordance with *Functional Guidelines* (shown below) where detections were not believed to be site-related.

Blank Non-conformance Charts:

Blank type	Blank result	Sample result	Action for samples
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
	< 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	> 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
		≥ 2x LOQ and ≥ blank contamination	If the result is ≤2x blank result, report the sample result U. If the result is > 2x blank result, no qualification is required.
	= 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	Gross contamination	Detects	Qualify results as unusable R

Notes:

LOQ	=	Limit of quantitation
LOD	=	Limit of detection
U	=	Undetected
R	=	Rejected

Qualifications Actions

The data was reviewed independently from the laboratory to assess data quality and no results were qualified during this data review. Analytical completeness was calculated to be 100% and the data are usable for their intended purpose, according to U.S. EPA guidelines and Department of Defense guidelines. Attachment A provides final results after data review.

ATTACHMENTS

Attachment A: Qualifier Codes and Explanations

Attachment B: Reason Codes and Explanations

Attachment C: Final Results after Data Review

Attachment A
Final Qualifier Codes and Explanations

Qualifier	Explanation
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual quantitation limit necessary to accurately and precisely measure the analyte in the sample.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Attachment B
Reason Codes and Explanations

Reason Code	Explanation
be	Equipment blank contamination
bf	Field blank contamination
bl	Laboratory blank contamination
bm	Missing Blank Information
bt	Trip blank contamination
c	Calibration issue
cr	Chromatographic resolution
d	Reporting limit raised due to chromatographic interference
dt	Dissolved result > total over limit
e	Ether interference
ej	Above calibration range; result estimated.
f	Presumed contamination from FB or ER.
fd	Field duplicate RPDs
h	Holding times
hs	Headspace greater than 6mm in all sample vials
i	Internal standard areas
ii	Injection internal standard area or retention time exceedance
it	Instrument Tune
k	Estimated Maximum Possible Concentrations (EMPC)
l	LCS recoveries
lc	Labeled compound recovery
ld	Laboratory duplicate RPDs (matrix duplicate, MSD, LCSD)
lp	Laboratory control sample/laboratory control sample duplicate RPDs
m	Matrix spike recovery
mc	Deviation from the method
md	MS/MSD precision
nb	Negative laboratory blank contamination
p	Chemical preservation issue
p-h	Uncertainty near detection limit (< Reporting Limit), historical reason code applied.
pe	Post Extraction Spike
q	Quantitation issue
r	Dual column RPD
rt	SIM ions not within + 2 seconds
s	Surrogate recovery
sp	Sample preparation issue
su	Evidence of ion suppression
t	Temperature Preservation Issue
x	Low % solids
y	Serial dilution results
z	ICS results

Attachment C
Final Results after Data Review

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2872		
		Lab ID		SJ2872-1		
		Sample ID		VPB167-FIELDDUP-AIR-042716		
		Sample Date		4/27/2016		
		Sample Type		Field Duplicate		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
TO-15	1,1,1-TRICHLOROETHANE	71-55-6	UG_M3	0.27	U	
TO-15	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_M3	0.34	U	
TO-15	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_M3	0.56	J	
TO-15	1,1,2-TRICHLOROETHANE	79-00-5	UG_M3	0.27	U	
TO-15	1,1-DICHLOROETHANE	75-34-3	UG_M3	0.2	U	
TO-15	1,1-DICHLOROETHENE	75-35-4	UG_M3	0.2	U	
TO-15	1,2,4-TRICHLOROBENZENE	120-82-1	UG_M3	0.37	U	
TO-15	1,2-DIBROMOETHANE	106-93-4	UG_M3	0.38	U	
TO-15	1,2-DICHLOROBENZENE	95-50-1	UG_M3	0.28	J	
TO-15	1,2-DICHLOROETHANE	107-06-2	UG_M3	0.12	J	
TO-15	1,2-DICHLOROPROPANE	78-87-5	UG_M3	0.23	U	
TO-15	1,3-DICHLOROBENZENE	541-73-1	UG_M3	0.3	U	
TO-15	1,4-DICHLOROBENZENE	106-46-7	UG_M3	0.3	U	
TO-15	2-BUTANONE	78-93-3	UG_M3	0.38	J	
TO-15	2-HEXANONE	591-78-6	UG_M3	0.2	U	
TO-15	4-METHYL-2-PENTANONE	108-10-1	UG_M3	0.2	U	
TO-15	ACETONE	67-64-1	UG_M3	4.7		
TO-15	BENZENE	71-43-2	UG_M3	0.3	J	
TO-15	BROMODICHLOROMETHANE	75-27-4	UG_M3	0.33	U	
TO-15	BROMOFORM	75-25-2	UG_M3	0.52	U	
TO-15	BROMOMETHANE	74-83-9	UG_M3	0.19	U	
TO-15	CARBON DISULFIDE	75-15-0	UG_M3	0.16	U	
TO-15	CARBON TETRACHLORIDE	56-23-5	UG_M3	0.45	J	
TO-15	CHLOROBENZENE	108-90-7	UG_M3	0.23	U	
TO-15	CHLOROETHANE	75-00-3	UG_M3	0.13	U	
TO-15	CHLOROFORM	67-66-3	UG_M3	0.12	J	
TO-15	CHLOROMETHANE	74-87-3	UG_M3	1.2		
TO-15	CIS-1,2-DICHLOROETHENE	156-59-2	UG_M3	0.2	U	
TO-15	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_M3	0.23	U	
TO-15	CYCLOHEXANE	110-82-7	UG_M3	0.17	U	
TO-15	DIBROMOCHLOROMETHANE	124-48-1	UG_M3	0.42	U	
TO-15	DICHLORODIFLUOROMETHANE	75-71-8	UG_M3	2.4		
TO-15	ETHYLBENZENE	100-41-4	UG_M3	0.22	U	
TO-15	ISOPROPYLBENZENE	98-82-8	UG_M3	0.24	U	
TO-15	M- AND P-XYLENE	108-38-3/106-42	UG_M3	0.24	J	
TO-15	METHYL TERT-BUTYL ETHER	1634-04-4	UG_M3	0.18	U	
TO-15	METHYLENE CHLORIDE	75-09-2	UG_M3	1.2		
TO-15	O-XYLENE	95-47-6	UG_M3	0.22	U	
TO-15	STYRENE	100-42-5	UG_M3	0.21	U	
TO-15	TETRACHLOROETHENE	127-18-4	UG_M3	0.34	U	
TO-15	TOLUENE	108-88-3	UG_M3	0.19	U	bl
TO-15	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_M3	0.2	U	
TO-15	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_M3	0.23	U	
TO-15	TRICHLOROETHENE	79-01-6	UG_M3	0.27	U	
TO-15	TRICHLOROFLUOROMETHANE	75-69-4	UG_M3	1.3		
TO-15	VINYL CHLORIDE	75-01-4	UG_M3	0.13	U	
TO-15	XYLENES, TOTAL	1330-20-7	UG_M3	0.36	J	

Notes:
UG_M3 = Micrograms per cubic meter of air
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group		SJ2872		
		Lab ID		SJ2872-2		
		Sample ID		VPB167-AIR-042716		
		Sample Date		4/27/2016		
		Sample Type		Air		
Method	**Analyte**	**CAS No**	**Units**	Result	Qual	RC
TO-15	1,1,1-TRICHLOROETHANE	71-55-6	UG_M3	0.27	U	
TO-15	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_M3	0.34	U	
TO-15	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_M3	0.56	J	
TO-15	1,1,2-TRICHLOROETHANE	79-00-5	UG_M3	0.27	U	
TO-15	1,1-DICHLOROETHANE	75-34-3	UG_M3	0.2	U	
TO-15	1,1-DICHLOROETHENE	75-35-4	UG_M3	0.2	U	
TO-15	1,2,4-TRICHLOROBENZENE	120-82-1	UG_M3	0.37	U	
TO-15	1,2-DIBROMOETHANE	106-93-4	UG_M3	0.38	U	
TO-15	1,2-DICHLOROBENZENE	95-50-1	UG_M3	0.3	U	
TO-15	1,2-DICHLOROETHANE	107-06-2	UG_M3	0.2	U	
TO-15	1,2-DICHLOROPROPANE	78-87-5	UG_M3	0.23	U	
TO-15	1,3-DICHLOROBENZENE	541-73-1	UG_M3	0.3	U	
TO-15	1,4-DICHLOROBENZENE	106-46-7	UG_M3	0.3	U	
TO-15	2-BUTANONE	78-93-3	UG_M3	0.41	J	
TO-15	2-HEXANONE	591-78-6	UG_M3	0.2	U	
TO-15	4-METHYL-2-PENTANONE	108-10-1	UG_M3	0.2	U	
TO-15	ACETONE	67-64-1	UG_M3	4.7		
TO-15	BENZENE	71-43-2	UG_M3	0.31	J	
TO-15	BROMODICHLOROMETHANE	75-27-4	UG_M3	0.33	U	
TO-15	BROMOFORM	75-25-2	UG_M3	0.52	U	
TO-15	BROMOMETHANE	74-83-9	UG_M3	0.19	U	
TO-15	CARBON DISULFIDE	75-15-0	UG_M3	0.16	U	
TO-15	CARBON TETRACHLORIDE	56-23-5	UG_M3	0.45	J	
TO-15	CHLOROBENZENE	108-90-7	UG_M3	0.23	U	
TO-15	CHLOROETHANE	75-00-3	UG_M3	0.13	U	
TO-15	CHLOROFORM	67-66-3	UG_M3	0.093	J	
TO-15	CHLOROMETHANE	74-87-3	UG_M3	1.2		
TO-15	CIS-1,2-DICHLOROETHENE	156-59-2	UG_M3	0.2	U	
TO-15	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_M3	0.23	U	
TO-15	CYCLOHEXANE	110-82-7	UG_M3	0.17	U	
TO-15	DIBROMOCHLOROMETHANE	124-48-1	UG_M3	0.42	U	
TO-15	DICHLORODIFLUOROMETHANE	75-71-8	UG_M3	2.5		
TO-15	ETHYLBENZENE	100-41-4	UG_M3	0.061	J	
TO-15	ISOPROPYLBENZENE	98-82-8	UG_M3	0.24	U	
TO-15	M- AND P-XYLENE	108-38-3/106-42	UG_M3	0.44	J	
TO-15	METHYL TERT-BUTYL ETHER	1634-04-4	UG_M3	0.18	U	
TO-15	METHYLENE CHLORIDE	75-09-2	UG_M3	0.8	J	
TO-15	O-XYLENE	95-47-6	UG_M3	0.22	U	
TO-15	STYRENE	100-42-5	UG_M3	0.21	U	
TO-15	TETRACHLOROETHENE	127-18-4	UG_M3	0.34	U	
TO-15	TOLUENE	108-88-3	UG_M3	0.19	U	bl
TO-15	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_M3	0.2	U	
TO-15	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_M3	0.23	U	
TO-15	TRICHLOROETHENE	79-01-6	UG_M3	0.27	U	
TO-15	TRICHLOROFLUOROMETHANE	75-69-4	UG_M3	1.3		
TO-15	VINYL CHLORIDE	75-01-4	UG_M3	0.13	U	
TO-15	XYLENES, TOTAL	1330-20-7	UG_M3	0.66	J	

Notes:
UG_M3 = Micrograms per cubic meter of air
Qual = Final qualifiers (See Attachment A)
RC = Reason codes (See Attachment B)

Section 5

VPB167 Analytical Data Table

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		3/23/2016	3/25/2016	3/29/2016	3/29/2016
Sample ID		VPB167-GW-032316-58-60	VPB167-GW-032516-98-100	VPB167-GW-032916-148-150	VPB167-GW-D-032916
Sample Interval (ft bgs)		58-60	98-100	148-150	148-150
Sample type code		N	N	N	FD
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 U***	***<0.75 U***	***<0.75 U***	***<0.75 U***
1,2-DIBROMOETHANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 U	<0.50 U	<0.50 U
2-BUTANONE	50	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-HEXANONE	50	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-METHYL-2-PENTANONE	NL	<2.5 U	<2.5 U	<2.5 U	<2.5 U
ACETONE	50	<2.5 UJ	**6.9 J**	<2.5 UJ	<2.5 UJ
BENZENE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMOMETHANE	5	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U
CARBON DISULFIDE	60	<0.50 UJ	<0.50 U	<0.50 U	<0.50 U
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROETHANE	5	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U
CHLOROFORM	7	**0.47 J**	<0.50 U	<0.50 U	<0.50 U
CHLOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 U***	***<0.50 U***	***<0.50 U***
CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
ETHYLBENZENE	5	<0.50 U	**0.22 J**	<0.50 U	<0.50 U
ISOPROPYLBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
M- AND P-XYLENE	NL	<1.0 U	<1.0 U	<1.0 U	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 U	<0.75 U	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 U	**0.53 J**	**0.56 J**
METHYLENE CHLORIDE	5	<2.5 U	<2.5 U	<2.5 U	<2.5 U
O-XYLENE	NL	<0.50 U	**0.26 J**	<0.50 U	<0.50 U
STYRENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TETRACHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 UJ	<0.50 UJ
TOLUENE	5	**0.64 J**	**1.1**	<0.50 U	<0.50 U
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 U***	***<0.50 U***	***<0.50 U***
TRICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRICHLOROFLUOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
VINYL CHLORIDE	2	<1.0 U	<1.0 U	<1.0 U	<1.0 U
XYLENES, TOTAL	5	<1.5 U	**0.26 J**	<1.5 U	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		3/30/2016	3/30/2016	3/31/2016	3/31/2016
Sample ID		VPB167-GW-033016-198-200	VPB167-GW-033016-218-220	VPB167-GW-033116-238-240	VPB167-GW-033116-258-260
Sample Interval (ft bgs)		198-200	218-220	238-240	258-260
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 U***	***<0.75 U***	***<0.75 U***	***<0.75 U***
1,2-DIBROMOETHANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
2-BUTANONE	50	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-HEXANONE	50	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-METHYL-2-PENTANONE	NL	<2.5 U	<2.5 U	<2.5 U	<2.5 U
ACETONE	50	<2.5 UJ	**5.7 J**	**3.7 J**	**2.7 J**
BENZENE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMOMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
CARBON DISULFIDE	60	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
CHLOROFORM	7	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 U***	***<0.50 U***	***<0.50 U***
CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
ETHYLBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
ISOPROPYLBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
M- AND P-XYLENE	NL	<1.0 U	<1.0 U	<1.0 U	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 U	<0.75 U	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 U	<0.50 U	<0.50 U
METHYLENE CHLORIDE	5	<2.5 U	<2.5 U	<2.5 U	<2.5 U
O-XYLENE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
STYRENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TOLUENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 U***	***<0.50 U***	***<0.50 U***
TRICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRICHLOROFLUOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
VINYL CHLORIDE	2	<1.0 U	<1.0 U	<1.0 U	<1.0 U
XYLENES, TOTAL	5	<1.5 U	<1.5 U	<1.5 U	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		3/31/2016	4/1/2016	4/1/2016	4/4/2016
Sample ID		VPB167-GW-033116-278-280	VPB167-GW-040116-298-300	VPB167-GW-040116-318-320	VPB167-GW-040416-338-340
Sample Interval (ft bgs)		278-280	298-300	318-320	338-340
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 U	<0.50 UJ	<0.50 U
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 U***	***<0.75 U***	***<0.75 UJ***	***<0.75 U***
1,2-DIBROMOETHANE	NL	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 U	<1.0 UJ	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
2-BUTANONE	50	<2.5 U	<2.5 UJ	**5.0 J**	<2.5 UJ
2-HEXANONE	50	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ
ACETONE	50	**3.6 J**	<2.5 UJ	**32 J**	<2.5 UJ
BENZENE	1	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
BROMOMETHANE	5	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 U	<0.50 U	**0.29 J**	**0.32 J**
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
CHLOROETHANE	5	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
CHLOROMETHANE	5	<1.0 U	<1.0 UJ	**0.80 J**	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 U***	***<0.50 UJ***	***<0.50 U***
CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
ISOPROPYLBENZENE	5	<0.50 U	<0.50 UJ	<0.50 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 U	<1.0 U	<1.0 UJ	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 U	<0.75 UJ	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
METHYLENE CHLORIDE	5	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U
O-XYLENE	NL	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
STYRENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 U	<0.50 UJ	<0.50 U
TOLUENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 U***	***<0.50 UJ***	***<0.50 U***
TRICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
TRICHLOROFLUOROMETHANE	5	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
XYLENES, TOTAL	5	<1.5 U	<1.5 U	<1.5 UJ	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/4/2016	4/4/2016	4/5/2016	4/5/2016
Sample ID		VPB167-GW-040416-358-360	VPB167GW-FD-040416	VPB167-GW-040516-378-380	VPB167-GW-040516-398-400
Sample Interval (ft bgs)		358-360	358-360	378-380	398-400
Sample type code		N	FD	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 U	***<2.5 U***	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 U***	***<0.75 U***	***<3.8 U***	***<0.75 U***
1,2-DIBROMOETHANE	NL	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 U	<5.0 U	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 U	***<2.5 U***	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<2.5 U	<0.50 U
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
ACETONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
BENZENE	1	<0.50 U	<0.50 U	***<2.5 U***	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 U	<2.5 U	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 U	<2.5 U	<0.50 U
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 U***	***<2.5 U***	***<0.50 U***
CYCLOHEXANE	NL	<0.50 U	<0.50 U	<2.5 U	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 U	<1.0 U	<5.0 U	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 U	<3.8 U	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 U	**60**	**1.7**
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 U	<2.5 U	<0.50 U
METHYLENE CHLORIDE	5	<2.5 U	<2.5 U	***<12 U***	<2.5 U
O-XYLENE	NL	<0.50 U	<0.50 U	<2.5 U	<0.50 U
STYRENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TETRACHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TOLUENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 U***	***<2.5 U***	***<0.50 U***
TRICHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	***<5.0 UJ***	<1.0 UJ
XYLENES, TOTAL	5	<1.5 U	<1.5 U	***<7.5 U***	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/6/2016	4/6/2016	4/7/2016	4/11/2016
Sample ID		VPB167-GW-040616-418-420	VPB167-GW-040616-438-440	VPB167-GW-040716-458-460	VPB167-GW-041116-478-480
Sample Interval (ft bgs)		418-420	438-440	458-460	478-480
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 U***	***<0.75 UJ***	***<0.75 U***	***<0.75 U***
1,2-DIBROMOETHANE	NL	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 UJ	<1.0 U	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U
ACETONE	50	<2.5 UJ	<2.5 UJ	**3.9 J**	**4.9 J**
BENZENE	1	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U
CARBON DISULFIDE	60	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
CHLOROFORM	7	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 U
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 UJ***	***<0.50 U***	***<0.50 U***
CYCLOHEXANE	NL	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
ETHYLBENZENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 U
M- AND P-XYLENE	NL	<1.0 U	<1.0 UJ	<1.0 U	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 UJ	<0.75 U	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
METHYLENE CHLORIDE	5	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ
O-XYLENE	NL	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
STYRENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
TETRACHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 UJ	<0.50 UJ
TOLUENE	5	<0.50 U	<0.50 UJ	<0.50 U	**0.36 J**
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 U***	***<0.50 UJ***	***<0.50 U***	***<0.50 U***
TRICHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U
XYLENES, TOTAL	5	<1.5 U	<1.5 UJ	<1.5 U	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/11/2016	4/12/2016	4/15/2016	4/18/2016
Sample ID		VPB167-GW-041116-498-500	VPB167-GW-041216-518-520	VPB167-GW-041516-538-540	VPB167-GW-041816-578-580
Sample Interval (ft bgs)		498-500	518-520	538-540	578-580
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 UJ***	***<0.75 UJ***	***<0.75 UJ***	***<0.75 UJ***
1,2-DIBROMOETHANE	NL	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,3-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
2-BUTANONE	50	<2.5 UJ	**1.9 J**	<2.5 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
ACETONE	50	**6.1 J**	<2.5 UJ	**11 J**	**7.9 J**
BENZENE	1	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
BROMODICHLOROMETHANE	50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
BROMOFORM	50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CARBON TETRACHLORIDE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<0.50 UJ***	***<0.50 UJ***	***<0.50 UJ***
CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<0.75 UJ	<0.75 UJ	<0.75 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
O-XYLENE	NL	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
STYRENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TOLUENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<0.50 UJ***	***<0.50 UJ***	***<0.50 UJ***
TRICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
XYLENES, TOTAL	5	<1.5 UJ	<1.5 UJ	<1.5 UJ	<1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/18/2016	4/19/2016	4/19/2016	4/20/2016
Sample ID		VPB167-GW-041816-598-600	VPB167-GW-041916-618-620	VPG167-GW-041916-638-640	VPB167-GW-042016-658-660
Sample Interval (ft bgs)		598-600	618-620	638-640	658-660
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	<0.50 UJ	***<2.5 UJ***	<0.50 UJ
1,1-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 UJ***	***<0.75 UJ***	***<3.8 UJ***	***<0.75 UJ***
1,2-DIBROMOETHANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	<0.50 UJ	***<2.5 UJ***	<0.50 UJ
1,3-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
ACETONE	50	**10 J**	<2.5 UJ	<12 UJ	<2.5 UJ
BENZENE	1	<0.50 UJ	<0.50 UJ	***<2.5 UJ***	<0.50 UJ
BROMODICHLOROMETHANE	50	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMOFORM	50	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CARBON TETRACHLORIDE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<0.50 UJ***	***<2.5 UJ***	***<0.50 UJ***
CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<0.75 UJ	<3.8 UJ	<0.75 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	<2.5 UJ	***<12 UJ***	<2.5 UJ
O-XYLENE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
STYRENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TOLUENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<0.50 UJ***	***<2.5 UJ***	***<0.50 UJ***
TRICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	***<5.0 UJ***	<1.0 UJ
XYLENES, TOTAL	5	<1.5 UJ	<1.5 UJ	***<7.5 UJ***	<1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/20/2016	4/21/2016	4/21/2016	4/22/2016
Sample ID		VPB167-GW-042016-678-680	VPB167-GW-042116-698-700	VPB167-GW-042116-718-720	VPB167-GW-042216-738-740
Sample Interval (ft bgs)		678-680	698-700	718-720	738-740
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	<0.50 UJ	***<2.5 UJ***	<0.50 UJ
1,1-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 UJ***	***<0.75 UJ***	***<3.8 UJ***	***<0.75 UJ***
1,2-DIBROMOETHANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	<0.50 UJ	***<2.5 UJ***	<0.50 UJ
1,3-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
ACETONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	**20 J**
BENZENE	1	<0.50 UJ	<0.50 UJ	***<2.5 UJ***	<0.50 UJ
BROMODICHLOROMETHANE	50	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMOFORM	50	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CARBON TETRACHLORIDE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<0.50 UJ***	***<2.5 UJ***	***<0.50 UJ***
CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<0.75 UJ	<3.8 UJ	<0.75 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	<2.5 UJ	***<12 UJ***	<2.5 UJ
O-XYLENE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
STYRENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TOLUENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<0.50 UJ***	***<2.5 UJ***	***<0.50 UJ***
TRICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	***<5.0 UJ***	<1.0 UJ
XYLENES, TOTAL	5	<1.5 UJ	<1.5 UJ	***<7.5 UJ***	<1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/25/2016	4/25/2016	4/26/2016	4/27/2016
Sample ID		VPB167-GW-042516-763-765	VPB167-GW-042516-778-780	VPB167-GW-042616-798-800	VPB167-GW-042716-818-820
Sample Interval (ft bgs)		763-765	778-780	798-800	818-820
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	***<2.5 UJ***	<0.50 UJ	***<2.5 UJ***
1,1-DICHLOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 UJ***	***<3.8 UJ***	***<0.75 UJ***	***<3.8 UJ***
1,2-DIBROMOETHANE	NL	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	***<2.5 UJ***	<0.50 UJ	***<2.5 UJ***
1,3-DICHLOROBENZENE	3	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
2-BUTANONE	50	<2.5 UJ	<12 UJ	<2.5 UJ	<12 UJ
2-HEXANONE	50	<2.5 UJ	<12 UJ	<2.5 UJ	<12 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<12 UJ	<2.5 UJ	<12 UJ
ACETONE	50	<2.5 UJ	<12 UJ	**11 J**	**16 J**
BENZENE	1	<0.50 UJ	***<2.5 UJ***	<0.50 UJ	***<2.5 UJ***
BROMODICHLOROMETHANE	50	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
BROMOFORM	50	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
BROMOMETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CARBON TETRACHLORIDE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CHLOROBENZENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CHLOROETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
CHLOROFORM	7	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CHLOROMETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<2.5 UJ***	***<0.50 UJ***	***<2.5 UJ***
CYCLOHEXANE	NL	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<3.8 UJ	<0.75 UJ	<3.8 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	***<12 UJ***	<2.5 UJ	***<12 UJ***
O-XYLENE	NL	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
STYRENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
TOLUENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	**9.2 J**
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<2.5 UJ***	***<0.50 UJ***	***<2.5 UJ***
TRICHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	***<5.0 UJ***	<1.0 UJ	***<5.0 UJ***
XYLENES, TOTAL	5	<1.5 UJ	***<7.5 UJ***	<1.5 UJ	***<7.5 UJ***

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/27/2016	4/29/2016	5/2/2016	5/3/2016
Sample ID		VPB167-GW-042716-838-840	VPB167-GW-042916-898-900	VPB167-GW-050216-918-920	VPB167-GW-050316-943-945
Sample Interval (ft bgs)		838-840	898-900	918-920	943-945
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<0.75 UJ***	***<0.75 UJ***	***<0.75 U***	***<0.75 UJ***
1,2-DIBROMOETHANE	NL	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,3-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
ACETONE	50	**12 J**	<2.5 UJ	<2.5 UJ	<2.5 UJ
BENZENE	1	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
BROMODICHLOROMETHANE	50	<0.50 UJ	<0.50 UJ	**0.72 J**	<0.50 UJ
BROMOFORM	50	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<0.50 UJ	<0.50 U	**1.0 J**
CARBON TETRACHLORIDE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
CHLOROFORM	7	<0.50 UJ	<0.50 UJ	**0.48 J**	<0.50 UJ
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<0.50 UJ***	***<0.50 U***	***<0.50 UJ***
CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<0.50 UJ	**0.96 J**	<0.50 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<0.75 UJ	<0.75 U	<0.75 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 UJ
O-XYLENE	NL	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
STYRENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
TOLUENE	5	**0.80 J**	**56 J**	**0.80 J**	**48 J**
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	***<0.50 UJ***	***<0.50 UJ***	***<0.50 U***	***<0.50 UJ***
TRICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
XYLENES, TOTAL	5	<1.5 UJ	<1.5 UJ	<1.5 U	<1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167
Sample Date		5/4/2016	5/4/2016	5/5/2016
Sample ID		VPB167-GW-050416-958-960	VPB167-GW-050416-963-965	VPB167-GW-050516-978-980
Sample Interval (ft bgs)		958-960	963-965	978-980
Sample type code		N	N	N
VOC 8260C (ug/L)				
1,1,1-TRICHLOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,1,2,2-TETRACHLOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,1,2-TRICHLOROETHANE	1	***<2.5 UJ***	***<2.0 UJ***	***<2.5 UJ***
1,1-DICHLOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,1-DICHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2,4-TRICHLOROBENZENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	***<3.8 UJ***	***<3.0 UJ***	***<3.8 UJ***
1,2-DIBROMOETHANE	NL	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2-DICHLOROBENZENE	3	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2-DICHLOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2-DICHLOROETHENE, TOTAL	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
1,2-DICHLOROPROPANE	1	***<2.5 UJ***	***<2.0 UJ***	***<2.5 UJ***
1,3-DICHLOROBENZENE	3	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,4-DICHLOROBENZENE	3	<2.5 UJ	<2.0 UJ	<2.5 UJ
2-BUTANONE	50	<12 UJ	<10 UJ	<12 UJ
2-HEXANONE	50	<12 UJ	<10 UJ	<12 UJ
4-METHYL-2-PENTANONE	NL	<12 UJ	<10 UJ	<12 UJ
ACETONE	50	<12 UJ	<10 UJ	<12 UJ
BENZENE	1	***<2.5 UJ***	***<2.0 UJ***	***<2.5 UJ***
BROMODICHLOROMETHANE	50	<2.5 UJ	<2.0 UJ	<2.5 UJ
BROMOFORM	50	<2.5 UJ	<2.0 UJ	<2.5 UJ
BROMOMETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
CARBON DISULFIDE	60	<2.5 UJ	<2.0 UJ	<2.5 UJ
CARBON TETRACHLORIDE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
CHLOROBENZENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
CHLOROETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
CHLOROFORM	7	<2.5 UJ	<2.0 UJ	<2.5 UJ
CHLOROMETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
CIS-1,2-DICHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
CIS-1,3-DICHLOROPROPENE	0.4	***<2.5 UJ***	***<2.0 UJ***	***<2.5 UJ***
CYCLOHEXANE	NL	<2.5 UJ	<2.0 UJ	<2.5 UJ
DIBROMOCHLOROMETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
DICHLORODIFLUOROMETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
ETHYLBENZENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
ISOPROPYLBENZENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
M- AND P-XYLENE	NL	<5.0 UJ	<4.0 UJ	<5.0 UJ
METHYL ACETATE	NL	<3.8 UJ	<3.0 UJ	<3.8 UJ
METHYL CYCLOHEXANE	NL	<2.5 UJ	<2.0 UJ	<2.5 UJ
METHYL TERT-BUTYL ETHER	10	<2.5 UJ	<2.0 UJ	<2.5 UJ
METHYLENE CHLORIDE	5	***<12 UJ***	***<10 UJ***	***<12 UJ***
O-XYLENE	NL	<2.5 UJ	<2.0 UJ	<2.5 UJ
STYRENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
TETRACHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
TOLUENE	5	**61 J**	**69 J**	**5.8 J**
TRANS-1,2-DICHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	***<2.5 UJ***	***<2.0 UJ***	***<2.5 UJ***
TRICHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
TRICHLOROFLUOROMETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
VINYL CHLORIDE	2	***<5.0 UJ***	***<4.0 UJ***	***<5.0 UJ***
XYLENES, TOTAL	5	***<7.5 UJ***	***<6.0 UJ***	***<7.5 UJ***

Notes:

1 New York State Department of Environmental Conservation Division of Water Technical and Operation Guidance series (6 NYCRR 700-706, Part 703.5 summarized in TOGS 1.1.1)
Ambient water quality standards and groundwater effluent limitations, class GA; NL = Not Listed

Bold = Detected; ***Bold and Italics*** =Not detected exceeds NYS Groundwater Standards or guidance value

Yellow highlighted values exceed Groundwater Standards or guidance value

Sample type codes: N - normal environmental sample, FD - field duplicate

U = Nondetected result. The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

M = the matrix spike or matrix spike duplicate did not meet recovery or precision requirements.

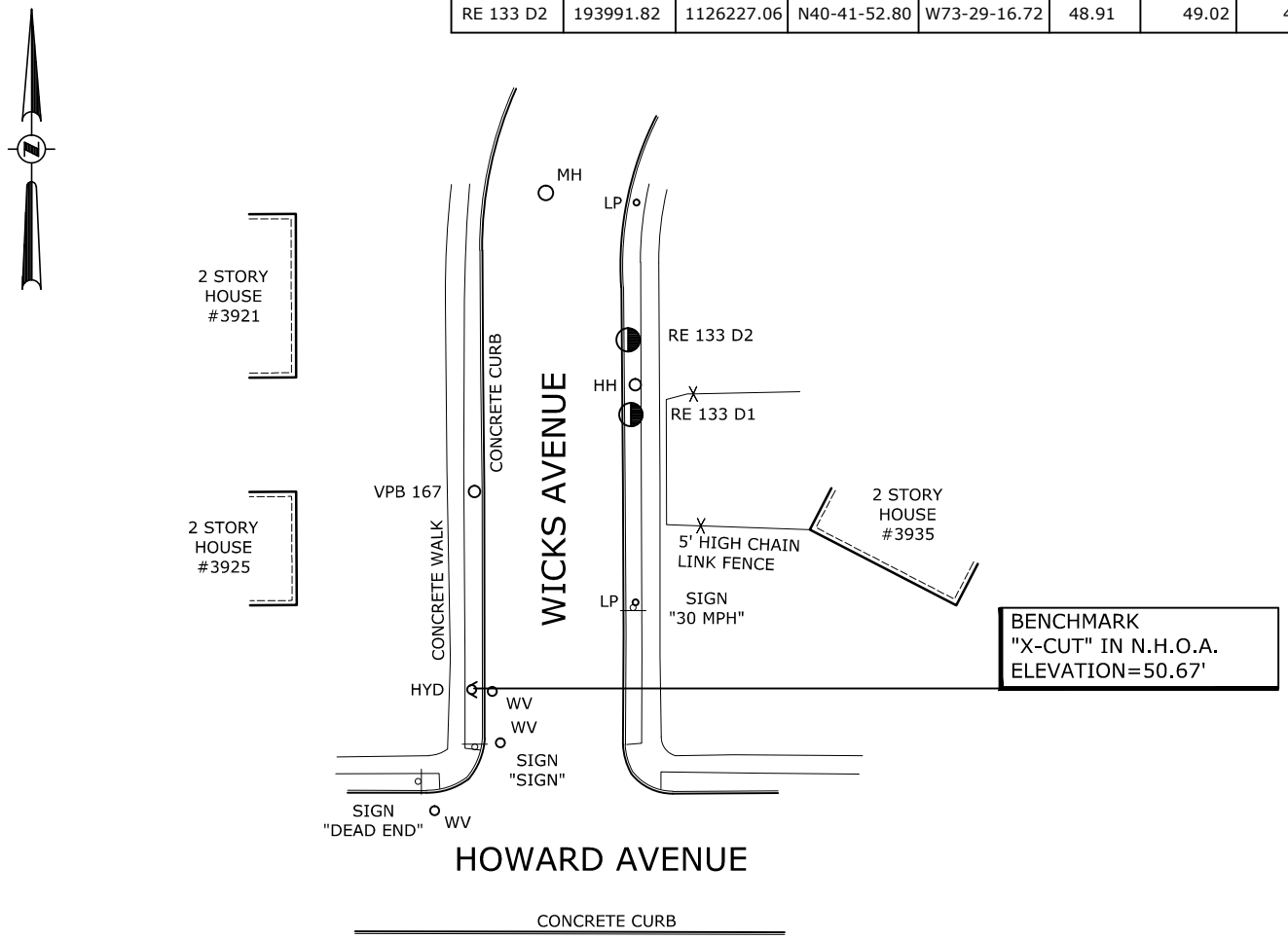
Section 6

VPB167 Survey

NONE :XREFS

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

Description	Northing	Easting	Latitude	Longitude	Ground	Rim	PVC
VPB 167	193959.30	1126194.17	N40-41-52.48	W73-29-17.15	48.85	NA	NA
RE 133 D1	193975.82	1126227.64	N40-41-52.64	W73-29-16.72	48.89	48.91	48.38
RE 133 D2	193991.82	1126227.06	N40-41-52.80	W73-29-16.72	48.91	49.02	48.72



Legend

HH	Hand Hole
HYD	Hydrant
LP	Light Pole
MW	Monitoring Well
MH	Manhole
VPB 167	Vertical Profile Boring
WV	Water Valve

Map Notes

1. Information shown hereon was compiled from an actual field survey conducted on October 12, 2016.
2. North orientation is Grid North based on the New York State Plane Coordinate System, Long Island Zone, NAD 83 as obtained from GPS observations.
3. Vertical datum shown hereon is NAVD 88 as obtained from GPS observations.

BAR SCALE
40 0 20 40 80
1 inch = 40 ft.

DWG NO. 16-577

Date	RECORD OF WORK	Appr.

VERTICAL PROFILE BORING 167 SURVEY LOCATION
HOWARD AVENUE/WICKS AVENUE

TOWN OF BETHPAGE | NASSAU COUNTY, NEW YORK

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture & Landscape Architecture, D.P.C.
50 CENTURY HILL DRIVE, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299

Drafter: GLB	Checker: JFC
Appr. by: JFC	Proj. No. 14.4121
SCALE: 1"=40'	DATE:OCT. 12, 2016

CAD DWG. FILE NAME: K:\Projects\144121\Survey\Drawings and Maps\VPB 167.dwg

Appendix B

Geologic Cross sections derived from

Environmental Sequence Stratigraphy (ESS)

Appendix B. Geologic Cross Sections derived from Environmental Sequence Stratigraphy

Resolution Consultants reviewed the geologic data and regional literature at the Naval Weapons Industrial Reserve Plant at Bethpage, New York and developed four representative base-wide cross sections to support development of a Conceptual Site Model (CSM). The cross sections are presented in Figure 1 - Figure 4. The cross sections provide geologic context for groundwater and analytical data and can be used as the framework upon which new and existing datasets (groundwater, analytical chemistry, geophysical data, etc.) can be analyzed to better understand groundwater flow-paths and contaminant transport and storage zones. As such, these sections are an integral component of an effective CSM.

The cross sections were developed using Environmental Sequence Stratigraphy (ESS). The ESS approach examines subsurface data in the context of the depositional environments and petroleum industry best practices of sequence stratigraphy and facies models. Shown for each boring included in the stratigraphic analysis are a vertical series of colored blocks which correspond to boring log lithology and a continuous data curve (in red or as a scan of a paper document, which corresponds to the gamma log). These colored blocks represent vertical grain size distribution and are the basis for the correlations between the data points.

The color coded blocks correspond to the graphic grainsize scale as shown in the cross-sections' keys. The width of the block increases with relative grainsize. Block color indicates the textural classification of the sediment (e.g., yellow for sand, green for silt, blue for clay) as written in the field notes of the core logging geologist (see the cross section keys for further definition).

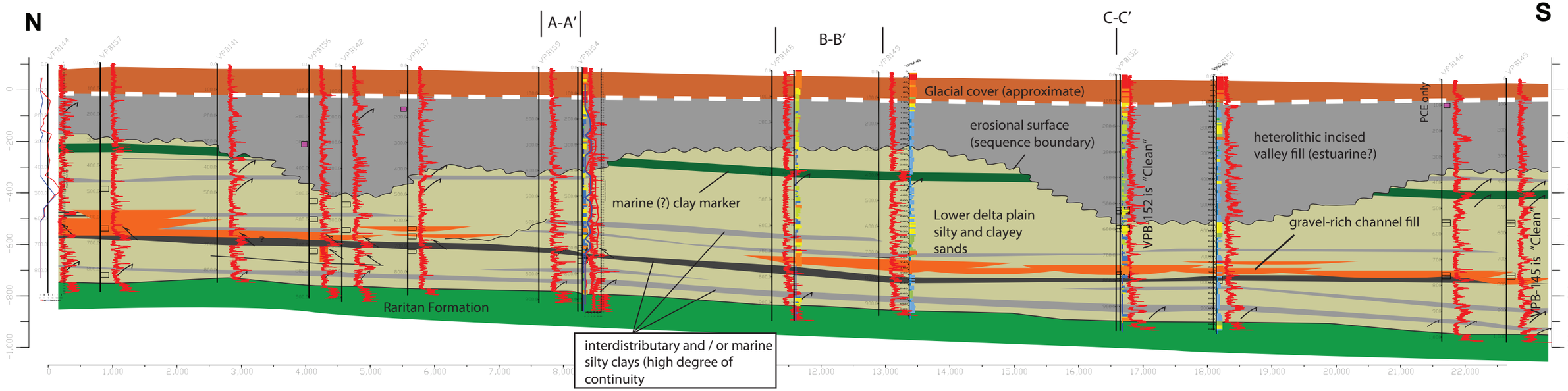
Logs of natural gamma emissions are a common proxy for grainsize. They typically are used as a correlation aide because repetitive spatially extensive trends in grainsize are easily identified visually when curves are examined along a given section. In non-granitic aquifer material, the chemistry of minerals found in clays result in higher concentrations of gamma emitting anions as opposed to the quartz, heavy minerals, and lithic fragments that generally predominate the coarser size fractions. Thus, peaks in the gamma logs can be indicative of clay layers and in general as gamma count per second increases, the grainsize decreases. Gamma logs should always be "calibrated" by comparing side by side with a lithologic log at representative locations. Good agreement between gamma logs and lithology logs were noted in the data points used for the ESS sections at Bethpage.

The previously established general hydrostratigraphy at Bethpage consists of the basal Raritan confining unit, the Magothy aquifer, and the shallow glacial aquifer. The stratigraphy shown in the sections presented in this tech memo is consistent with this general model but additionally shows the Magothy to consist of basal zone gravel-rich channel fills (orange in sections); extensive, planar marine clays (thin units shown in grey and dark green); and silty sands of inter-distributary and delta front origins (shown in tan). Additionally, an erosional incision into the lower delta plain sediments is observed throughout the site (portrayed in sections as a wavy solid black line). Above this, the Magothy sediments are more likely estuarine "incised valley fill" as indicated by the more heterogeneous gamma ray character. In some locations, such as VPB-139 on section A-A', there appears to be clear lithologic control on contaminant distribution within the estuarine facies where the higher TCE and PCE concentrations occur in the coarser lithologic zones.

The depositional axis of the incised valley fill likely trends north-south/southeast. The incision is clearly indicated on all sections via the correlation of a prominent clay layer shown in sections in dark green. Where this clay is missing in the gamma logs, it is likely that it was eroded during a lowstand of sea level. Additionally, while relatively planar in their geometry, the major units dip gently south-south east. This is an important geologic characteristic to consider when comparing analytical results because hydrologic zones separated by thin confining layers within the Magothy may be accessed by screens of similar depth.

One of the most important benefits of the ESS approach is to develop and refine the CSM. ESS facilitates an understanding of the geology governing groundwater occurrence and movement, and provides an element for refining the approaches for assessment and remediation. The ESS results from this effort suggest that a modern analog (a modern geological setting that allows an understanding of the ancient environment) for the Magothy depositional environments is the Mackenzie River Delta, shown in Figure 5. Basal gravel zones are represented by the braided river deposits of the Toklat River, Alaska, in Figure 6.

Environmental Sequence Stratigraphy cross section



GRAIN SIZE LOG INDEX*

* not all grainsize categories shown in the comprehensive key are present at the site.
Site sediments are predominatly fine (clays, sandy clays, silts,and fine to medium sand)

- Clay
- Clay with 10% Sand
- Clay with 20% Sand
- Clay with 30% Sand
- Clay with 40% Sand
- Clay with Fine Gravel
- Clay with Medium Gravel
- Clay with Coarse Gravel
- Silt
- Silt with 10% Sand
- Silt with 20% Sand
- Sandy Silt
- Silty Sand
- Clayey Sand
- Silty Sand (Fine Sand with 40% Fines)
- Clayey Sand (Fine Sand with 40% Fines)
- Silty Sand (Fine Sand with 30% Fines)
- Clayey Sand (Fine Sand with 30% Fines)
- Silty Sand (Fine Sand with 10-20% Fines)
- Clayey Sand (Fine Sand with 10-20% Fines)
- Gravelly Silt (Silt with Fine Gravel)
- Gravelly Silt (Silt with Medium Gravel)
- Gravelly Silt (Silt with Coarse Gravel)
- Fine Sand
- Silty Sand (Medium Sand with 50% Fines)
- Clayey Sand (Medium Sand with 50% Fines)
- Silty Sand (Medium Sand with 40% Fines)
- Clayey Sand (Medium Sand with 40% Fines)
- Silty Sand (Medium Sand with 30% Fines)
- Clayey Sand (Medium Sand with 30% Fines)
- Silty Sand (Medium Sand with 10-20% Fines)
- Clayey Sand (Medium Sand with 10-20% Fines)
- Fine Sand with Fine Gravel
- Fine Sand with Medium Gravel
- Fine Sand with Coarse Gravel
- Medium Sand
- Silty Sand (Coarse Sand with 50% Fines)
- Clayey Sand (Coarse Sand with 50% Fines)
- Silty Sand (Coarse Sand with 40% Fines)
- Clayey Sand (Coarse Sand with 40% Fines)
- Silty Sand (Coarse Sand with 30% Fines)
- Clayey Sand (Coarse Sand with 30% Fines)
- Silty Sand (Coarse Sand with 10-20% Fines)
- Clayey Sand (Coarse Sand with 10-20% Fines)
- Medium Sand with Fine Gravel
- Medium Sand with Medium Gravel
- Medium Sand with Coarse Gravel
- Coarse Sand
- Coarse Sand with Fine Gravel
- Coarse Sand with Medium Gravel
- Coarse Sand with Coarse Gravel
- Clayey/Silty Gravel (Fine gravel with clay/silt)
- Clayey/Silty Gravel (Medium gravel with clay/silt)
- Clayey/Silty Gravel (Coarse gravel with clay/silt)
- Sandy Gravel (Fine Gravel with Sand)
- Sandy Gravel (Medium Gravel with Sand)
- Sandy Gravel (Coarse Gravel with Sand)
- Fine Gravel
- Medium Gravel
- Coarse Gravel

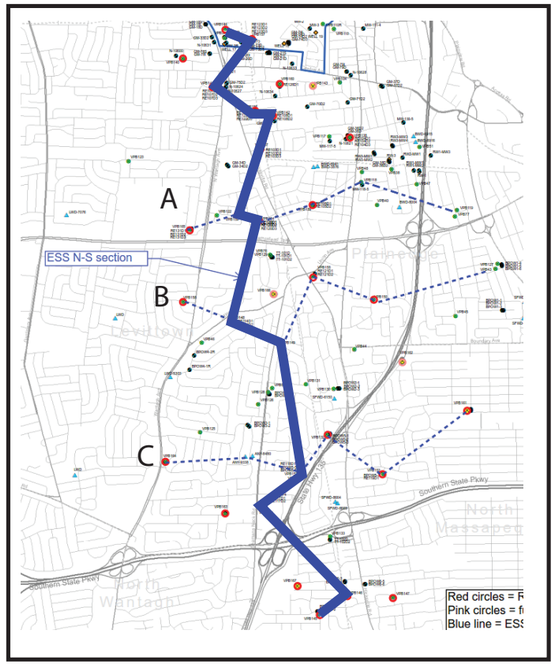


Figure 1. Cross Section N-S

A–A′

West

A

intersection with N-S

VPB-155 VPB-159 VPB-154 VPB-139 BWD 6-1 BWD 6-2 VPB-118 VPB-48 VPB-40 VPB-77 VPB-119

A′

East

Elevation (Ft.)

100 0 -100 -200 -300 -400 -500 -600 -700 -800

Apparent lithologic control on TCE and PCE concentrations

Potentially leaky zone in basal clay here

Raritan Formation

Glacial cover (approximate)

heterolithic incised valley fill (estuarine?)

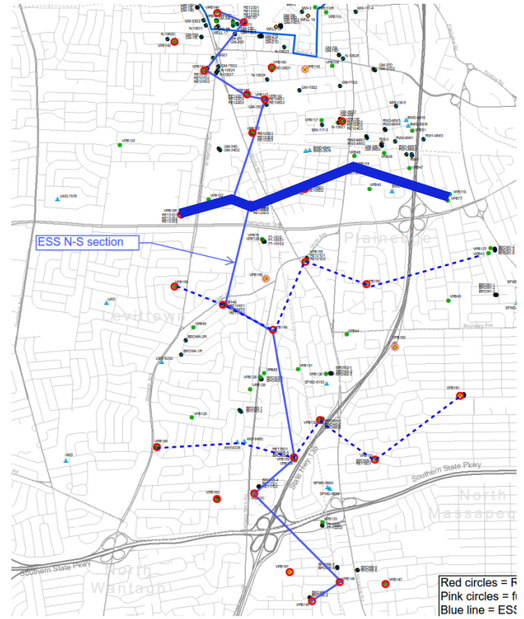
marine (?) clay marker

interdistributary and / or marine silty clays (high degree of continuity (darkest grey clay may serve as base to contaminant)

gravel-rich channel fill

0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000 11,000 12,000 13,000 14,000 15,000

Distance



GRAIN SIZE LOG INDEX*

* not all grainsize categories shown in the comprehensive key are present at the site.
Site sediments are predominatly fine (clays, sandy clays, silts,and fine to medium sand)

- Clay
- Clay with 10% Sand
- Clay with 20% Sand
- Clay with 30% Sand
- Clay with 40% Sand
- Clay with Fine Gravel
- Clay with Medium Gravel
- Clay with Coarse Gravel
- Silt
- Silt with 10% Sand
- Silt with 20% Sand
- Sandy Silt
- Silty Sand
- Clayey Sand
- Silty Sand (Fine Sand with 40% Fines)
- Clayey Sand (Fine Sand with 40% Fines)
- Silty Sand (Fine Sand with 30% Fines)
- Clayey Sand (Fine Sand with 30% Fines)
- Silty Sand (Fine Sand with 10-20% Fines)
- Clayey Sand (Fine Sand with 10-20% Fines)
- Gravelly Silt (Silt with Fine Gravel)
- Gravelly Silt (Silt with Medium Gravel)
- Gravelly Silt (Silt with Coarse Gravel)
- Fine Sand
- Silty Sand (Medium Sand with 50% Fines)
- Clayey Sand (Medium Sand with 50% Fines)
- Silty Sand (Medium Sand with 40% Fines)
- Clayey Sand (Medium Sand with 40% Fines)
- Silty Sand (Medium Sand with 30% Fines)
- Clayey Sand (Medium Sand with 30% Fines)
- Silty Sand (Medium Sand with 10-20% Fines)
- Clayey Sand (Medium Sand with 10-20% Fines)
- Fine Sand with Fine Gravel
- Fine Sand with Medium Gravel
- Fine Sand with Coarse Gravel
- Medium Sand
- Silty Sand (Coarse Sand with 50% Fines)
- Clayey Sand (Coarse Sand with 50% Fines)
- Silty Sand (Coarse Sand with 40% Fines)
- Clayey Sand (Coarse Sand with 40% Fines)
- Silty Sand (Coarse Sand with 30% Fines)
- Clayey Sand (Coarse Sand with 30% Fines)
- Silty Sand (Coarse Sand with 10-20% Fines)
- Clayey Sand (Coarse Sand with 10-20% Fines)
- Medium Sand with Fine Gravel
- Medium Sand with Medium Gravel
- Medium Sand with Coarse Gravel
- Coarse Sand
- Coarse Sand with Fine Gravel
- Coarse Sand with Medium Gravel
- Coarse Sand with Coarse Gravel
- Clayey/Silty Gravel (Fine gravel with clay/silt)
- Clayey/Silty Gravel (Medium gravel with clay/silt)
- Clayey/Silty Gravel (Coarse gravel with clay/silt)
- Sandy Gravel (Fine Gravel with Sand)
- Sandy Gravel (Medium Gravel with Sand)
- Sandy Gravel (Coarse Gravel with Sand)
- Fine Gravel
- Medium Gravel
- Coarse Gravel

Figure 2. Cross Section A-A’

B

B–B′

B′

West

East

VPB-156

VPB-148

VPB-149

VPB-155

VPB-150

VPB-45

VPB-43

VPB-127

intersection with N-S

Glacial cover (approximate)

heterolithic incised valley fill (estuarine?)

marine (?) clay marker

Lower delta plain silty and clayey sands

gravel-rich channel fill

interdistributary and / or marine silty clays (high degree of continuity (darkest grey clay may serve as base to contaminant)

?

Raritan Formation

100

0

-100

-200

-300

-400

-500

-600

-700

-800

0

1,000

2,000

3,000

4,000

5,000

6,000

7,000

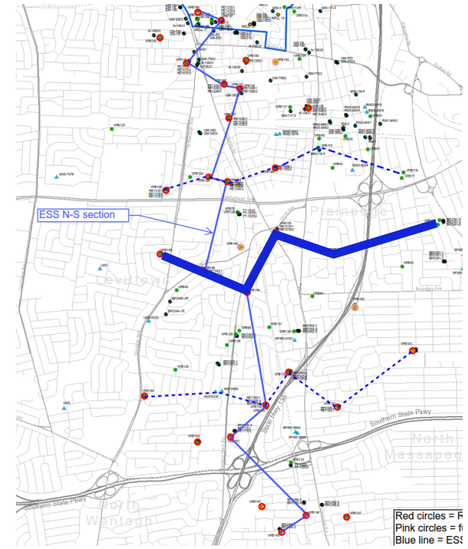
8,000

9,000

10,000

11,000

12,000

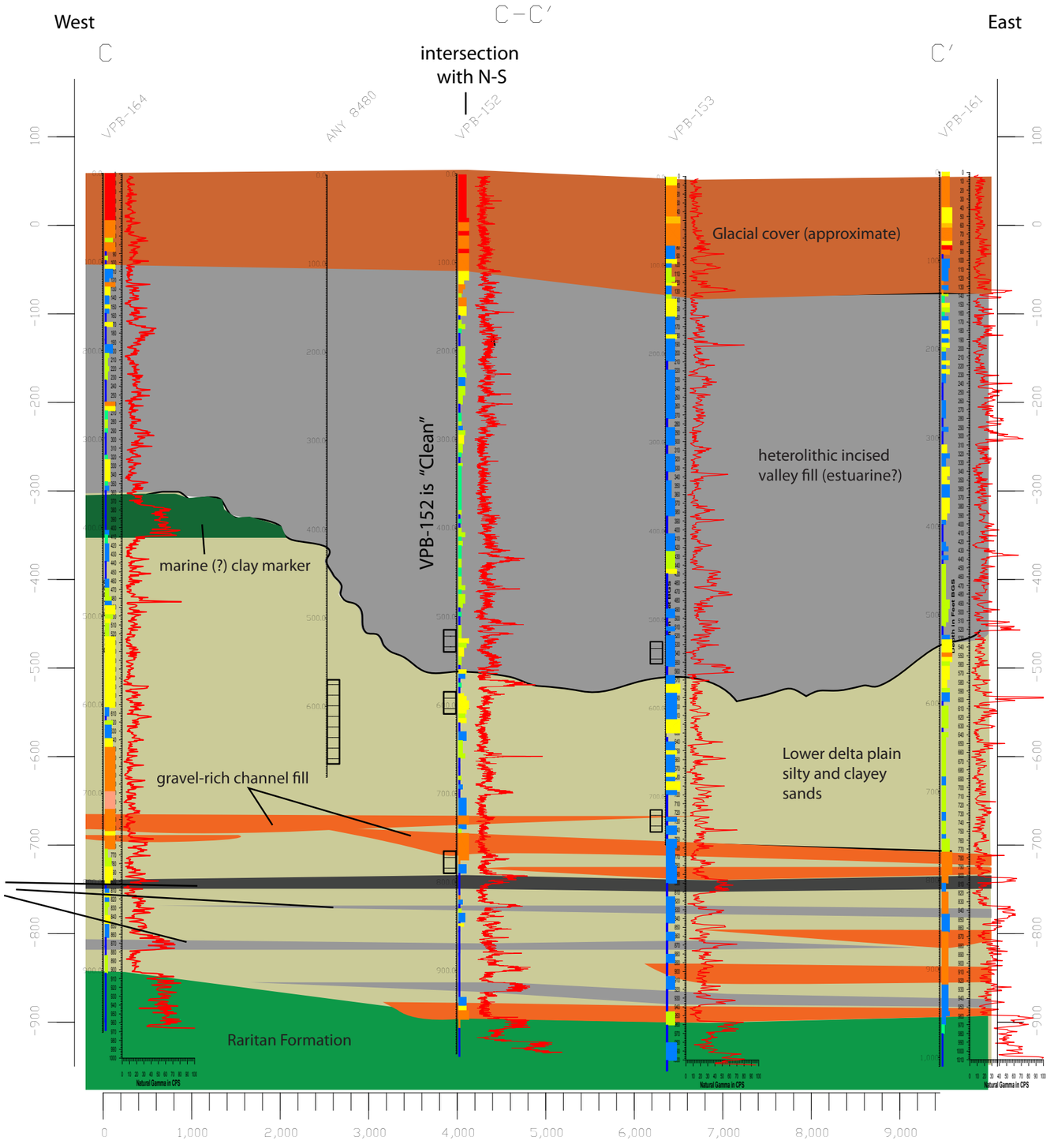


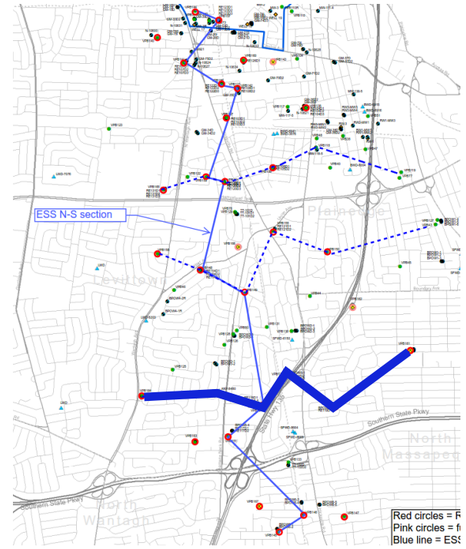
GRAIN SIZE LOG INDEX*

* not all grainsize categories shown in the comprehensive key are present at the site.
Site sediments are predominatly fine (clays, sandy clays, silts,and fine to medium sand)

- Clay
- Clay with 10% Sand
- Clay with 20% Sand
- Clay with 30% Sand
- Clay with 40% Sand
- Clay with Fine Gravel
- Clay with Medium Gravel
- Clay with Coarse Gravel
- Silt
- Silt with 10% Sand
- Silt with 20% Sand
- Sandy Silt
- Silty Sand
- Clayey Sand
- Silty Sand (Fine Sand with 40% Fines)
- Clayey Sand (Fine Sand with 40% Fines)
- Silty Sand (Fine Sand with 30% Fines)
- Clayey Sand (Fine Sand with 30% Fines)
- Silty Sand (Fine Sand with 10-20% Fines)
- Clayey Sand (Fine Sand with 10-20% Fines)
- Gravelly Silt (Silt with Fine Gravel)
- Gravelly Silt (Silt with Medium Gravel)
- Gravelly Silt (Silt with Coarse Gravel)
- Fine Sand
- Silty Sand (Medium Sand with 50% Fines)
- Clayey Sand (Medium Sand with 50% Fines)
- Silty Sand (Medium Sand with 40% Fines)
- Clayey Sand (Medium Sand with 40% Fines)
- Silty Sand (Medium Sand with 30% Fines)
- Clayey Sand (Medium Sand with 30% Fines)
- Silty Sand (Medium Sand with 10-20% Fines)
- Clayey Sand (Medium Sand with 10-20% Fines)
- Fine Sand with Fine Gravel
- Fine Sand with Medium Gravel
- Fine Sand with Coarse Gravel
- Medium Sand
- Silty Sand (Coarse Sand with 50% Fines)
- Clayey Sand (Coarse Sand with 50% Fines)
- Silty Sand (Coarse Sand with 40% Fines)
- Clayey Sand (Coarse Sand with 40% Fines)
- Silty Sand (Coarse Sand with 30% Fines)
- Clayey Sand (Coarse Sand with 30% Fines)
- Silty Sand (Coarse Sand with 10-20% Fines)
- Clayey Sand (Coarse Sand with 10-20% Fines)
- Medium Sand with Fine Gravel
- Medium Sand with Medium Gravel
- Medium Sand with Coarse Gravel
- Coarse Sand
- Coarse Sand with Fine Gravel
- Coarse Sand with Medium Gravel
- Coarse Sand with Coarse Gravel
- Clayey/Silty Gravel (Fine gravel with clay/silt)
- Clayey/Silty Gravel (Medium gravel with clay/silt)
- Clayey/Silty Gravel (Coarse gravel with clay/silt)
- Sandy Gravel (Fine Gravel with Sand)
- Sandy Gravel (Medium Gravel with Sand)
- Sandy Gravel (Coarse Gravel with Sand)
- Fine Gravel
- Medium Gravel
- Coarse Gravel

Figure 3. Cross Section B-B’





GRAIN SIZE LOG INDEX*

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Site sediments are predominatly fine (clays, sandy clays, silts,and fine to medium sand)

- Clay
- Clay with 10% Sand
- Clay with 20% Sand
- Clay with 30% Sand
- Clay with 40% Sand
- Clay with Fine Gravel
- Clay with Medium Gravel
- Clay with Coarse Gravel
- Silt
- Silt with 10% Sand
- Silt with 20% Sand
- Sandy Silt
- Silty Sand
- Clayey Sand
- Silty Sand (Fine Sand with 40% Fines)
- Clayey Sand (Fine Sand with 40% Fines)
- Silty Sand (Fine Sand with 30% Fines)
- Clayey Sand (Fine Sand with 30% Fines)
- Silty Sand (Fine Sand with 10-20% Fines)
- Clayey Sand (Fine Sand with 10-20% Fines)
- Gravelly Silt (Silt with Fine Gravel)
- Gravelly Silt (Silt with Medium Gravel)
- Gravelly Silt (Silt with Coarse Gravel)
- Fine Sand
- Silty Sand (Medium Sand with 50% Fines)
- Clayey Sand (Medium Sand with 50% Fines)
- Silty Sand (Medium Sand with 40% Fines)
- Clayey Sand (Medium Sand with 40% Fines)
- Silty Sand (Medium Sand with 30% Fines)
- Clayey Sand (Medium Sand with 30% Fines)
- Silty Sand (Medium Sand with 10-20% Fines)
- Clayey Sand (Medium Sand with 10-20% Fines)
- Fine Sand with Fine Gravel
- Fine Sand with Medium Gravel
- Fine Sand with Coarse Gravel
- Medium Sand
- Silty Sand (Coarse Sand with 50% Fines)
- Clayey Sand (Coarse Sand with 50% Fines)
- Silty Sand (Coarse Sand with 40% Fines)
- Clayey Sand (Coarse Sand with 40% Fines)
- Silty Sand (Coarse Sand with 30% Fines)
- Clayey Sand (Coarse Sand with 30% Fines)
- Silty Sand (Coarse Sand with 10-20% Fines)
- Clayey Sand (Coarse Sand with 10-20% Fines)
- Medium Sand with Fine Gravel
- Medium Sand with Medium Gravel
- Medium Sand with Coarse Gravel
- Coarse Sand
- Coarse Sand with Fine Gravel
- Coarse Sand with Medium Gravel
- Coarse Sand with Coarse Gravel
- Clayey/Silty Gravel (Fine gravel with clay/silt)
- Clayey/Silty Gravel (Medium gravel with clay/silt)
- Clayey/Silty Gravel (Coarse gravel with clay/silt)
- Sandy Gravel (Fine Gravel with Sand)
- Sandy Gravel (Medium Gravel with Sand)
- Sandy Gravel (Coarse Gravel with Sand)
- Fine Gravel
- Medium Gravel
- Coarse Gravel

Figure 4. Cross Section C-C’

Figure 5. Mackenzie River Delta depositional environment

Source: Thermal Emission and Reflection Radiometer image from NASA's TERRA satellite, August 4, 2005, Mackenzie River, Canada. Image from GSFC/METI/ERSDAC/JAROS and the US/Japan ASTER Science Team. http://earthobservatory.nasa.gov/IOTD/view.php?id=8320

Figure 6. Braided river depositional environment

Source: East Fork Toklat River, Alaska Range, Denali National Park
https://pubs.usgs.gov/of/2004/1216/b/b.html